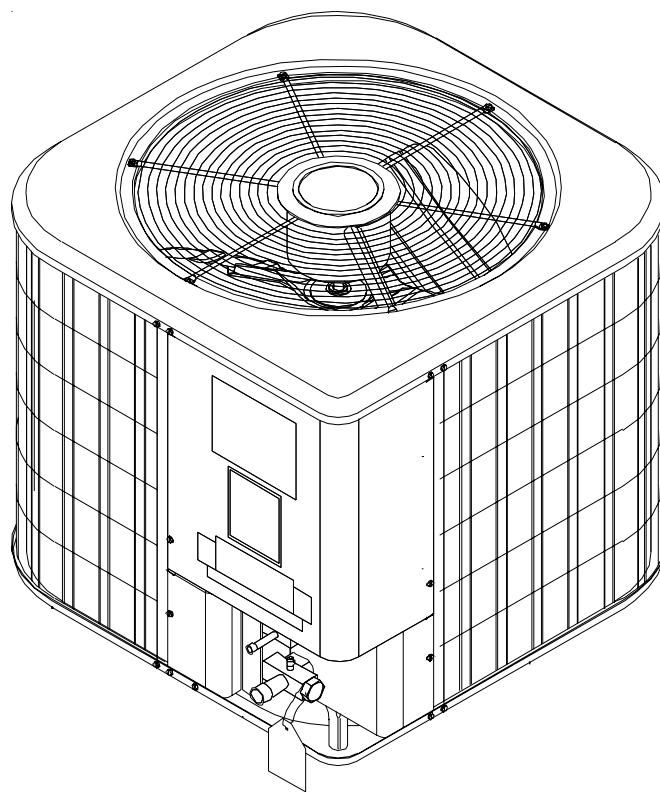
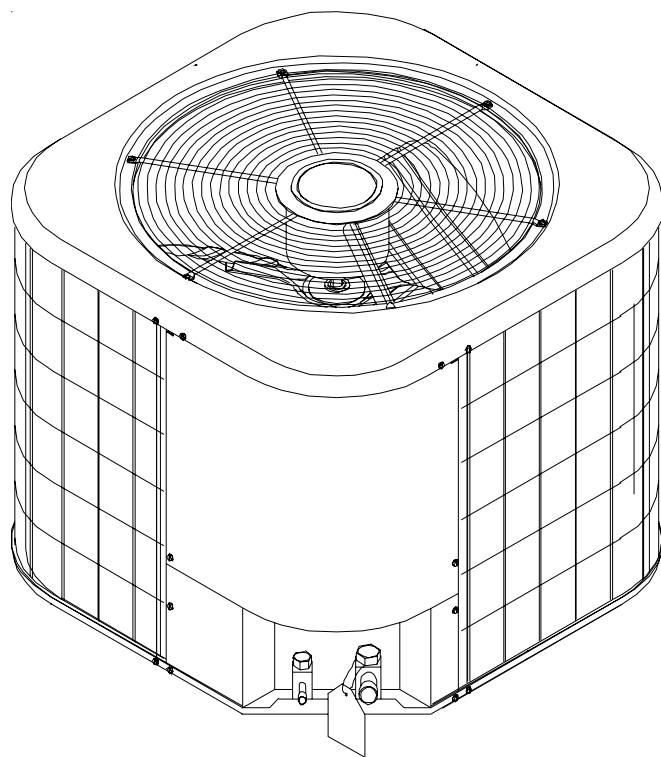


TECHNICAL INFORMATION MANUAL

VCA__C2[A/B/C] Remote Condensing Units

Model and Manufacturing
numbers listed on page 3.

- Refer to Service Manual RS6200003 for installation, operation, and troubleshooting information.
- All safety information must be followed as provided in the Service Manual.
- Refer to the appropriate Parts Catalog for part number information.



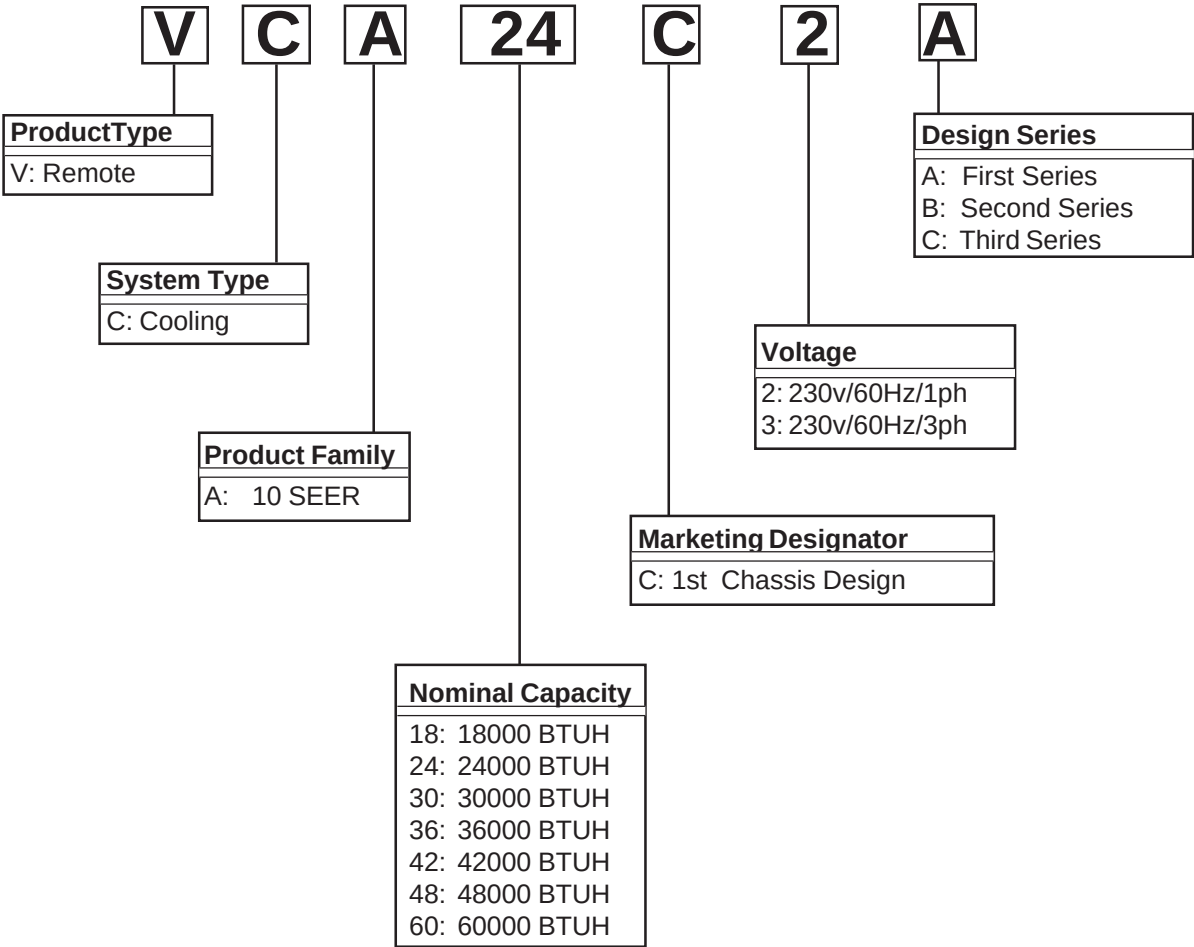
Amana Heating & Air Conditioning
LASTS AND LASTS AND LASTS.™

This manual is to be used by qualified HVAC technicians only. Goodman does not assume any responsibility for property damage or personal injury for improper service procedures done by an unqualified person.

RT6111006 Rev. 1
May 2005

PRODUCT IDENTIFICATION

The model number is used for positive identification of component parts used in manufacturing. Please use this number when requesting service or parts information.



WARNING

IF REPAIRS ARE ATTEMPTED BY UNQUALIFIED PERSONS, DANGEROUS CONDITIONS (SUCH AS EXPOSURE TO ELECTRICAL SHOCK) MAY RESULT. THIS MAY CAUSE SERIOUS INJURY OR DEATH.



CAUTION

GOODMAN DOES NOT ASSUME RESPONSIBILITY FOR ANY INJURY OR PROPERTY DAMAGE ARISING FROM IMPROPER SERVICE OR SERVICE PROCEDURES. IF YOU PERFORM SERVICE ON YOUR OWN PRODUCT, YOU ASSUME RESPONSIBILITY FOR ANY PERSONAL INJURY OR PROPERTY DAMAGE WHICH MAY RESULT.

PRODUCT IDENTIFICATION

The model number is used for positive identification of component parts used in manufacturing. Please use this number when requesting service or parts information.

<u>MODEL</u>	<u>M/N</u>
VCA18C2A	P1221349C
VCA24C2A	P1221350C
VCA30C2A	P1221351C
VCA36C2A	P1221352C
VCA42C2A	P1221353C
VCA48C2A	P1246103C
VCA60C2A	P1246104C
VCA18C2B	P1254301C
VCA24C2B	P1254302C
VCA30C2B	P1254303C
VCA36C2B	P1254304C
VCA42C2B	P1254305C
VCA48C2B	P1254401C
VCA18C2C	P1254306C
VCA24C2C	P1254307C
VCA30C2C	P1254308C
VCA36C2C	P1254309C
VCA42C2C	P1254310C
VCA48C2C	P1254402C
VCA60C2C	P1254403C

PRODUCT DESIGN

The VCA Remote Condensing Units are made in 1.5 through 5 ton sizes. They are designed for dual voltage single phase applications.

The condenser air is pulled through the condenser coil by a direct drive propeller fan. This condenser air is then discharged out of the top of the cabinet.

These units are designed for free air discharge, so no additional resistance (like duct work) shall be attached.

The suction and liquid line connections are of the sweat type for field piping with refrigerant type copper. Non-back seating valves are factory installed to accept the field run copper. The total refrigerant charge for a normal installation is factory installed in the condensing unit. This charge is for the matching evaporator coil and 15 feet of refrigerant line.

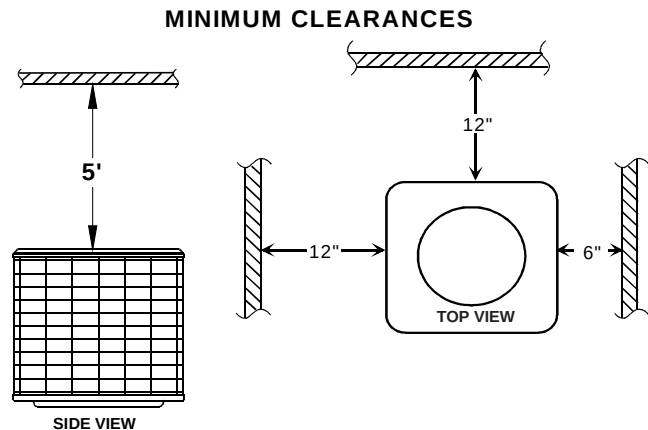
Systems should be properly sized by heat gain and loss calculations made according to methods of the Air Conditioning Contractors Association (ACCA) or equivalent. It is the contractors responsibility to ensure the system has adequate capacity to heat or cool the conditioned space.

OUTDOOR UNIT	ORIFICE SIZE Chatleff ROK A Kits
VCA18C2A	0.051
VCA24C2A	0.059
VCA30C2A	0.065
VCA36C2A	0.071
VCA42C2A	0.076
VCA48C2A	0.082
VCA60C2A	0.092

VCA18C2B	0.053
VCA24C2B	0.059
VCA30C2B	0.065
VCA36C2B	0.071
VCA42C2B	0.076
VCA48C2B	0.082

VCA18C2C	0.053
VCA24C2C	0.059
VCA30C2C	0.065
VCA36C2C	0.071
VCA42C2C	0.076
VCA48C2C	0.082
VCA60C2C	0.092

NOTE: Whenever mix-matching systems, the indoor orifice must be matched to the condensing unit for proper operation.



This unit is for outdoor installation only. Refer to minimum clearance figure for clearances from the sides of the unit to full walls and other objects.

NOTE: This unit cannot be completely enclosed. At least one side must be unrestricted.

These clearances will help avoid air recirculation. If installing two or more units at the same location, allow at least 24 inches between units. If only one side is restricted (for example, against the outside wall of a house), the unit may be placed as close as 8" to that one wall.

DO **NOT** locate the unit:

- Directly under a vent termination for a gas appliance.
- Within 3 feet of a clothes drier vent.
- Where the refreezing of defrost water would create a hazard.
- Where water may rise into the unit.

PRODUCT DESIGN

Outdoor Unit	Footprint Square (in ²)	Unit Height (in ²)
VCA18C2A	22 1/2	23
VCA24C2A	22 1/2	23
VCA30C2A	22 1/2	23
VCA36C2A	22 1/2	25
VCA42C2A	22 1/2	31
VCA48C2A	29 1/2	25
VCA60C2A	29 1/2	29

Outdoor Unit	Footprint Square (in2)	Unit Height (in2)
VCA18C2B	22 1/2	23
VCA24C2B	22 1/2	23
VCA30C2B	22 1/2	25
VCA36C2B	22 1/2	28
VCA42C2B	22 1/2	31
VCA48C2B	29 1/2	29

Outdoor Unit	Footprint Square (in2)	Unit Height (in2)
VCA18C2C	22 1/2	23
VCA24C2C	22 1/2	23
VCA30C2C	22 1/2	25
VCA36C2C	22 1/2	29
VCA42C2C	22 1/2	31
VCA48C2C	29 1/2	29
VCA60C2C	29 1/2	29

CONDENSING UNIT SPECIFICATIONS

	VCA18C2A	VCA24C2A	VCA30C2A	VCA36C2A	VCA42C2A	VCA48C2A	VCA60C2A
Cooling Capacity, BTUH	18,000	24,000	30,000	36,000	42,000	48,000	60,000
Compressor							
R.L. Amps	9.00	12.00	14	16	17.9	21.55	26
L.R. Amps	45	57	73	82	118	110	150
Condenser Fan Motor							
Horsepower	1/6	1/6	1/6	1/6	1/6	1/4	1/4
R.L. Amps	1	1	1	1	1	1.5	1.5
L.R. Amps	1.8	1.8	1.8	1.8	1.8	3.3	3.3
Liquid Line, Inches O.D.	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Suction Line, Inches O.D.	5/8	5/8	3/4	3/4	7/8	7/8	1 1/8
Refrigerant Charge	51	63	64	68	101	99	116
Power Supply	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
Minimum Circuit Ampacity	12.20	16.10	18.6	20.9	23.4	28.4	34
Maximum Overcurrent Device	20	25	30	35	40	50	60
Electrical Conduit Size							
Power Supply	1/2 or 3/4	1/2 or 3/4	1/2 or 3/4	1/2 or 3/4	1/2 or 3/4	1/2 or 3/4	1/2 or 3/4
Low Voltage	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Approximate Shipping Weight	144	174	149	168	187	200	205

	VCA18C2B	VCA24C2B	VCA30C2B	VCA36C2B	VCA42C2B	VCA48C2B
Cooling Capacity, BTUH	18,000	24,000	30,000	36,000	42,000	48,000
Compressor						
R.L. Amps	8.59	9.81	13.72	14.87	17.95	18.27
L.R. Amps	49	56	75	96	103	102
Condenser Fan Motor						
Horsepower	1/6	1/6	1/6	1/6	1/6	1/4
R.L. Amps	1	1	1	1	1	1.5
L.R. Amps	1.8	1.8	1.8	1.8	1.8	2.9
Liquid Line, Inches O.D.	3/8	3/8	3/8	3/8	3/8	3/8
Suction Line, Inches O.D.	3/4	3/4	3/4	3/4	7/8	7/8
Refrigerant Charge	51	63	64	80	92	116
Power Supply	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
Minimum Circuit Ampacity	11.74	13.26	18.15	19.59	23.44	24.34
Maximum Overcurrent Device	20	20	30	35	40	40
Electrical Conduit Size						
Power Supply	1/2 or 3/4	1/2 or 3/4	1/2 or 3/4	1/2 or 3/4	1/2 or 3/4	1/2 or 3/4
Low Voltage	1/2	1/2	1/2	1/2	1/2	1/2
Approximate Shipping Weight	144	168	149	176	187	205

	VCA18C2C	VCA24C2C	VCA30C2C	VCA36C2C	VCA42C2C	VCA48C2C	VCA60C2C
Cooling Capacity, BTUH	18,000	23,400	28,200	34,000	39,000	45,000	60,000
Compressor							
R.L. Amps	8.59	9.81	13.72	14.87	17.05	18.27	26.00
L.R. Amps	49	56	75	96	105	102	150
Condenser Fan Motor							
Horsepower	1/6	1/6	1/6	1/6	1/6	1/4	1/4
R.L. Amps	1	1	1	1	1	1.5	1.5
L.R. Amps	1.8	1.8	1.8	1.8	1.8	3.3	3.3
Liquid Line, Inches O.D.	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Suction Line, Inches O.D.	3/4	3/4	3/4	3/4	7/8	7/8	1 1/8
Refrigerant Charge	51	63	64	80	90	116	116
Power Supply	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1	208/230-60-1
Minimum Circuit Ampacity	11.74	13.26	18.15	19.59	22.31	24.34	34.00
Maximum Overcurrent Device	20	20	30	35	40	40	60
Electrical Conduit Size							
Power Supply	1/2 or 3/4	1/2 or 3/4	1/2 or 3/4	1/2 or 3/4	1/2 or 3/4	1/2 or 3/4	1/2 or 3/4
Low Voltage	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Approximate Shipping Weight	144	145	149	172	190	205	200

NOTE: This data is provided as a guide, it is important to electrically connect the unit and properly size fuses/circuit breakers and wires in accordance with all national and/or local electrical codes. Use copper wire only.

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA18C2A/ CCA18F*C

IDB*			Airflow		Outdoor Ambient Temperature																							
					65				75				85				95				105				115			
					Entering Indoor Wet Bulb Temperature																							
					59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	675	MBh	17.6	18.3	20.0	-	17.2	17.9	19.6	-	16.8	17.4	19.1	-	16.4	17.0	18.6	-	15.6	16.2	17.7	-	14.4	15.0	16.4	-		
		S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-		
		Delta T	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-		
		KW	1.52	1.55	1.60	-	1.63	1.66	1.71	-	1.72	1.76	1.81	-	1.80	1.84	1.89	-	1.87	1.91	1.97	-	1.93	1.97	2.03	-		
		AMPS	5.3	5.4	5.6	-	5.7	5.8	6.0	-	6.2	6.3	6.5	-	6.6	6.7	6.9	-	7.0	7.1	7.4	-	7.4	7.5	7.8	-		
		HI PR	160	172	182	-	179	193	204	-	204	220	232	-	232	250	264	-	262	281	297	-	289	311	328	-		
		LO PR	61	65	71	-	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	77	81	89	-		
	600	MBh	17.1	17.7	19.4	-	16.7	17.3	19.0	-	16.3	16.9	18.5	-	15.9	16.5	18.1	-	15.1	15.7	17.2	-	14.0	14.5	15.9	-		
		S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-		
		Delta T	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-		
		KW	1.51	1.54	1.59	-	1.62	1.65	1.70	-	1.71	1.74	1.79	-	1.79	1.83	1.88	-	1.86	1.90	1.95	-	1.92	1.96	2.02	-		
		AMPS	5.2	5.4	5.5	-	5.6	5.8	6.0	-	6.1	6.3	6.5	-	6.5	6.7	6.9	-	6.9	7.1	7.3	-	7.3	7.5	7.7	-		
		HI PR	158	170	180	-	178	191	202	-	202	217	230	-	230	248	262	-	259	279	294	-	286	308	325	-		
		LO PR	61	65	70	-	64	68	74	-	67	71	77	-	70	74	81	-	73	78	85	-	76	81	88	-		
	525	MBh	15.8	16.4	17.9	-	15.4	16.0	17.5	-	15.1	15.6	17.1	-	14.7	15.2	16.7	-	14.0	14.5	15.9	-	12.9	13.4	14.7	-		
		S/T	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.43	-	0.76	0.64	0.44	-	0.77	0.64	0.44	-		
		Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-		
		KW	1.48	1.51	1.55	-	1.58	1.61	1.66	-	1.67	1.70	1.75	-	1.75	1.78	1.84	-	1.82	1.85	1.91	-	1.87	1.91	1.97	-		
		AMPS	5.1	5.2	5.4	-	5.5	5.6	5.8	-	6.0	6.1	6.3	-	6.3	6.5	6.7	-	6.7	6.9	7.1	-	7.1	7.3	7.5	-		
		HI PR	154	165	175	-	172	185	196	-	196	211	223	-	223	240	254	-	251	270	285	-	278	299	315	-		
		LO PR	59	63	68	-	62	66	72	-	65	69	75	-	68	72	79	-	71	76	83	-	74	78	85	-		

75	675	MBh	17.9	18.5	20.0	21.5	17.5	18.0	19.5	21.0	17.1	17.6	19.1	20.5	16.7	17.2	18.6	20.0	15.9	16.3	17.7	19.0	14.7	15.1	16.4	17.6
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.61	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
		Delta T	20	19	15	11	20	19	15	11	20	19	15	11	21	19	16	11	20	19	15	11	19	18	14	10
		KW	1.53	1.56	1.61	1.65	1.64	1.67	1.72	1.77	1.73	1.77	1.82	1.88	1.82	1.85	1.91	1.97	1.89	1.93	1.98	2.05	1.95	1.99	2.05	2.11
		AMPS	5.3	5.5	5.6	5.8	5.7	5.9	6.1	6.3	6.2	6.4	6.6	6.8	6.6	6.8	7.0	7.3	7.0	7.2	7.4	7.7	7.4	7.6	7.9	8.2
		HI PR	162	174	184	192	181	195	206	215	206	222	234	244	235	253	267	278	264	284	300	313	292	314	332	346
		LO PR	62	66	72	77	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96
	600	MBh	17.4	17.9	19.4	20.8	17.0	17.5	19.0	20.3	16.6	17.1	18.5	19.9	16.2	16.7	18.1	19.4	15.4	15.8	17.2	18.4	14.3	14.7	15.9	17.1
		S/T	0.79	0.71	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.37	0.87	0.77	0.59	0.38	0.90	0.80	0.61	0.39	0.91	0.81	0.61	0.39
		Delta T	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	20	16	11	20	18	15	10
		KW	1.52	1.55	1.60	1.64	1.63	1.66	1.71	1.76	1.72	1.76	1.81	1.86	1.80	1.84	1.89	1.95	1.87	1.91	1.97	2.03	1.93	1.97	2.03	2.10
		AMPS	5.3	5.4	5.6	5.8	5.7	5.8	6.0	6.2	6.2	6.3	6.5	6.7	6.6	6.7	6.9	7.2	7.0	7.1	7.4	7.6	7.4	7.5	7.8	8.1
		HI PR	160	172	182	190	180	193	204	213	204	220	232	242	233	250	264	276	262	282	297	310	289	311	328	343
		LO PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	87	74	79	86	92	77	81	89	95
	525	MBh	16.1	16.5	17.9	19.2	15.7	16.2	17.5	18.8	15.3	15.8	17.1	18.3	15.0	15.4	16.7	17.9	14.2	14.6	15.8	17.0	13.2	13.5	14.7	15.7
		S/T	0.76	0.68	0.52	0.33	0.79	0.71	0.53	0.34	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.87	0.78	0.59	0.38
		Delta T	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20	19	15	10
		KW	1.49	1.52	1.56	1.61	1.59	1.62	1.67	1.72	1.68	1.72	1.77	1.82	1.76	1.80	1.85	1.91	1.83	1.87	1.92	1.98	1.89	1.93	1.98	2.05
		AMPS	5.2	5.3	5.4	5.6	5.6	5.7	5.9	6.1	6.0	6.1	6.3	6.6	6.4	6.5	6.8	7.0	6.8	6.9	7.2	7.4	7.2	7.3	7.6	7.9
		HI PR	155	167	176	184	174	187	198	206	198	213	225	235	226	243	256	267	254	273	288	301	280	302	319	332
		LO PR	59	63	69	74	63	67	73	78	65	69	76	81	69	73	80	85	72	76	83	89	74	79	86	92

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA18C2A

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA18C2A/ CCA18F*C

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
IDB*	Airflow																									
80	675	MBh	18.3	18.7	19.9	21.3	17.8	18.2	19.5	20.8	17.4	17.8	19.0	20.3	17.0	17.4	18.5	19.8	16.1	16.5	17.6	18.8	14.9	15.3	16.3	17.4
		S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.80	0.59
		Delta T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	20	21	18	14
		KW	1.55	1.58	1.62	1.67	1.65	1.69	1.73	1.79	1.75	1.78	1.83	1.89	1.83	1.87	1.92	1.98	1.90	1.94	2.00	2.06	1.96	2.00	2.06	2.13
		AMPS	5.4	5.5	5.7	5.9	5.8	5.9	6.1	6.3	6.3	6.4	6.6	6.9	6.7	6.8	7.1	7.3	7.1	7.3	7.5	7.8	7.5	7.7	7.9	8.2
		HI PR	163	176	185	193	183	197	208	217	208	224	237	247	237	255	270	281	267	287	303	316	295	317	335	349
		LO PR	63	66	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	93	78	83	91	97
	600	MBh	17.7	18.1	19.4	20.7	17.3	17.7	18.9	20.2	16.9	17.3	18.5	19.7	16.5	16.8	18.0	19.2	15.7	16.0	17.1	18.3	14.5	14.8	15.8	16.9
		S/T	0.87	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.99	0.92	0.75	0.56	0.99	0.93	0.76	0.57
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15
		KW	1.54	1.56	1.61	1.66	1.64	1.67	1.72	1.77	1.73	1.77	1.82	1.88	1.82	1.85	1.91	1.97	1.89	1.93	1.98	2.05	1.95	1.99	2.05	2.11
		AMPS	5.3	5.5	5.6	5.8	5.7	5.9	6.1	6.3	6.2	6.4	6.6	6.8	6.6	6.8	7.0	7.3	7.0	7.2	7.4	7.7	7.4	7.6	7.9	8.2
		HI PR	162	174	184	192	181	195	206	215	206	222	234	244	235	253	267	278	264	284	300	313	292	314	332	346
		LO PR	62	66	72	77	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96
	525	MBh	16.4	16.7	17.9	19.1	16.0	16.3	17.4	18.6	15.6	15.9	17.0	18.2	15.2	15.6	16.6	17.8	14.5	14.8	15.8	16.9	13.4	13.7	14.6	15.6
		S/T	0.83	0.78	0.64	0.48	0.87	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.96	0.90	0.73	0.55
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	22	19	15
		KW	1.50	1.53	1.57	1.62	1.60	1.64	1.68	1.73	1.70	1.73	1.78	1.83	1.78	1.81	1.87	1.92	1.84	1.88	1.94	2.00	1.90	1.94	2.00	2.06
		AMPS	5.2	5.3	5.5	5.7	5.6	5.7	5.9	6.1	6.1	6.2	6.4	6.6	6.5	6.6	6.8	7.1	6.8	7.0	7.2	7.5	7.2	7.4	7.6	7.9
		HI PR	157	169	178	186	176	189	200	208	200	215	227	237	228	245	259	270	256	276	291	304	283	305	322	336
		LO PR	60	64	70	74	63	67	74	78	66	70	77	82	69	74	80	86	73	77	84	90	75	80	87	93

85	675	MBh	18.6	18.9	19.8	21.2	18.1	18.5	19.4	20.7	17.7	18.1	18.9	20.2	17.3	17.6	18.4	19.7	16.4	16.7	17.5	18.7	15.2	15.5	16.2	17.3
		S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.95	0.77
		Delta T	24	24	22	19	24	24	23	20	24	24	23	20	24	24	23	20	22	23	23	19	21	21	21	18
		KW	1.56	1.59	1.63	1.68	1.66	1.70	1.75	1.80	1.76	1.80	1.85	1.90	1.84	1.88	1.94	2.00	1.92	1.96	2.01	2.08	1.98	2.02	2.08	2.15
		AMPS	5.4	5.6	5.7	5.9	5.8	6.0	6.2	6.4	6.3	6.5	6.7	6.9	6.7	6.9	7.1	7.4	7.2	7.3	7.6	7.8	7.6	7.8	8.0	8.3
		HI PR	165	177	187	195	185	199	210	219	210	226	239	249	240	258	272	284	270	290	306	319	298	320	338	353
		LO PR	63	67	73	78	67	71	77	82	69	74	81	86	73	77	85	90	76	81	89	94	79	84	92	98
	600	MBh	18.0	18.4	19.3	20.5	17.6	18.0	18.8	20.1	17.2	17.5	18.4	19.6	16.8	17.1	17.9	19.1	15.9	16.2	17.0	18.2	14.8	15.0	15.8	16.8
		S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
		Delta T	25	25	23	20	25	25	24	20	25	25	24	20	26	25	24	21	24	25	23	20	23	23	22	19
		KW	1.55	1.58	1.62	1.67	1.65	1.69	1.73	1.79	1.75	1.78	1.83	1.89	1.83	1.87	1.92	1.98	1.90	1.94	2.00	2.06	1.96	2.00	2.06	2.13
		AMPS	5.4	5.5	5.7	5.9	5.8	5.9	6.1	6.3	6.3	6.4	6.6	6.9	6.7	6.8	7.1	7.3	7.1	7.3	7.5	7.8	7.5	7.7	7.9	8.2
		HI PR	163	176	185	193	183	197	208	217	208	224	237	247	237	255	270	281	267	287	303	316	295	317	335	349
		LO PR	63	66	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	93	78	83	91	97
	525	MBh	16.6	17.0	17.8	19.0	16.3	16.6	17.4	18.5	15.9	16.2	16.9	18.1	15.5	15.8	16.5	17.6	14.7	15.0	15.7	16.8	13.6	13.9	14.5	15.5
		S/T	0.88	0.84	0.76	0.62	0.91	0.88	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	0.97	0.88	0.71
		Delta T	26	25	24	21	26	25	24	21	26	25	24	21	26	26	24	21	26	25	24	21	24	24	22	19
		KW	1.51	1.54	1.58	1.63	1.62	1.65	1.70	1.75	1.71	1.74	1.79	1.85	1.79	1.82	1.88	1.94	1.86	1.90	1.95	2.01	1.92	1.96	2.02	2.08
		AMPS	5.2	5.4	5.5	5.7	5.6	5.8	6.0	6.2	6.1	6.3	6.4	6.7	6.5	6.7	6.9	7.1	6.9	7.1	7.3	7.6	7.3	7.5	7.7	8.0
		HI PR	158	170	180	188	178	191	202	211	202	217	230	239	230	248	261	273	259	279	294	307	286	308	325	339
		LO PR	61	65	70	75	64	68	74	79	67	71	77	82	70	74	81	86	73	78	85	91	76	81	88	94

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA18C2A

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA18C2B/ CCA18F*C

IDB* Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	675	MBh	17.6	18.3	20.0	-	17.2	17.9	19.6	-	16.8	17.4	19.1	-	16.4	17.0	18.6	-	15.6	16.2	17.7	-	14.4	15.0	16.4	-
		S/T	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.83	0.69	0.48	-
		Delta T	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-
		KW	1.54	1.57	1.62	-	1.65	1.68	1.73	-	1.74	1.78	1.83	-	1.83	1.86	1.92	-	1.90	1.94	2.00	-	1.96	2.00	2.06	-
		AMPS	5.6	5.7	5.9	-	6.0	6.2	6.3	-	6.5	6.7	6.9	-	6.9	7.1	7.3	-	7.4	7.5	7.8	-	7.8	8.0	8.2	-
		HI PR	135	146	154	-	152	164	173	-	173	186	196	-	197	212	224	-	221	238	252	-	245	263	278	-
		LO PR	60	64	70	-	63	68	74	-	66	70	77	-	69	74	80	-	73	77	84	-	75	80	87	-
	600	MBh	17.1	17.7	19.4	-	16.7	17.3	19.0	-	16.3	16.9	18.5	-	15.9	16.5	18.1	-	15.1	15.7	17.2	-	14.0	14.5	15.9	-
		S/T	0.69	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.79	0.66	0.46	-
		Delta T	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		KW	1.53	1.56	1.60	-	1.64	1.67	1.72	-	1.73	1.76	1.82	-	1.81	1.85	1.91	-	1.88	1.92	1.98	-	1.94	1.98	2.04	-
		AMPS	5.5	5.7	5.8	-	6.0	6.1	6.3	-	6.5	6.6	6.8	-	6.9	7.0	7.3	-	7.3	7.5	7.7	-	7.7	7.9	8.1	-
		HI PR	134	144	152	-	150	162	171	-	171	184	194	-	195	210	221	-	219	236	249	-	242	261	275	-
		LO PR	59	63	69	-	63	67	73	-	65	69	76	-	69	73	80	-	72	76	83	-	74	79	86	-
	525	MBh	15.8	16.4	17.9	-	15.4	16.0	17.5	-	15.1	15.6	17.1	-	14.7	15.2	16.7	-	14.0	14.5	15.9	-	12.9	13.4	14.7	-
		S/T	0.66	0.55	0.38	-	0.69	0.57	0.40	-	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.76	0.63	0.44	-
		Delta T	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		KW	1.50	1.53	1.57	-	1.60	1.63	1.68	-	1.69	1.73	1.78	-	1.77	1.81	1.86	-	1.84	1.88	1.93	-	1.90	1.94	2.00	-
		AMPS	5.4	5.5	5.7	-	5.8	5.9	6.1	-	6.3	6.4	6.6	-	6.7	6.9	7.1	-	7.1	7.3	7.5	-	7.5	7.7	7.9	-
		HI PR	130	140	148	-	146	157	166	-	166	179	189	-	189	203	215	-	213	229	242	-	235	253	267	-
		LO PR	58	61	67	-	61	65	71	-	63	67	74	-	67	71	77	-	70	74	81	-	72	77	84	-

75	675	MBh	17.9	18.5	20.0	21.5	17.5	18.0	19.5	21.0	17.1	17.6	19.1	20.5	16.7	17.2	18.6	20.0	15.9	16.3	17.7	19.0	14.7	15.1	16.4	17.6
		S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.41	0.94	0.84	0.64	0.41
		Delta T	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	10	19	17	14	10
		KW	1.55	1.58	1.63	1.68	1.66	1.69	1.74	1.80	1.76	1.79	1.85	1.90	1.84	1.88	1.93	1.99	1.91	1.95	2.01	2.07	1.97	2.01	2.08	2.14
		AMPS	5.6	5.8	5.9	6.2	6.1	6.2	6.4	6.6	6.6	6.7	6.9	7.2	7.0	7.2	7.4	7.7	7.4	7.6	7.8	8.1	7.9	8.0	8.3	8.6
		HI PR	137	147	155	162	154	165	174	182	175	188	198	207	199	214	226	236	224	241	254	265	247	266	281	293
		LO PR	61	65	70	75	64	68	74	79	67	71	77	82	70	74	81	87	73	78	85	91	76	81	88	94
	600	MBh	17.4	17.9	19.4	20.8	17.0	17.5	19.0	20.3	16.6	17.1	18.5	19.9	16.2	16.7	18.1	19.4	15.4	15.8	17.2	18.4	14.3	14.7	15.9	17.1
		S/T	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.90	0.80	0.61	0.39
		Delta T	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10
		KW	1.54	1.57	1.62	1.66	1.65	1.68	1.73	1.78	1.74	1.78	1.83	1.89	1.83	1.86	1.92	1.98	1.90	1.94	2.00	2.06	1.96	2.00	2.06	2.13
		AMPS	5.6	5.7	5.9	6.1	6.0	6.2	6.4	6.6	6.5	6.7	6.9	7.1	6.9	7.1	7.3	7.6	7.4	7.5	7.8	8.1	7.8	8.0	8.2	8.5
		HI PR	135	146	154	161	152	164	173	180	173	186	196	205	197	212	224	233	222	238	252	263	245	263	278	290
		LO PR	60	64	70	74	63	68	74	79	66	70	77	82	69	74	80	86	73	77	84	90	75	80	87	93
	525	MBh	16.1	16.5	17.9	19.2	15.7	16.2	17.5	18.8	15.3	15.8	17.1	18.3	15.0	15.4	16.7	17.9	14.2	14.6	15.8	17.0	13.2	13.5	14.7	15.7
		S/T	0.75	0.67	0.51	0.33	0.78	0.70	0.53	0.34	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.86	0.77	0.58	0.38
		Delta T	21	20	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
		KW	1.51	1.54	1.58	1.63	1.61	1.64	1.69	1.74	1.70	1.74	1.79	1.84	1.79	1.82	1.88	1.93	1.85	1.89	1.95	2.01	1.91	1.95	2.01	2.07
		AMPS	5.5	5.6	5.7	5.9	5.9	6.0	6.2	6.4	6.3	6.5	6.7	6.9	6.8	6.9	7.1	7.4	7.2	7.3	7.6	7.8	7.6	7.8	8.0	8.3
		HI PR	131	141	149	156	147	159	168	175	168	180	191	199	191	206	217	226	215	231	244	255	237	255	270	281
		LO PR	58	62	68	72	62	66	72	76	64	68	74	79	67	72	78	83	70	75	82	87	73	78	85	90

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA18C2B

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA18C2B/ CCA18F*C

IDB* Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	675	MBh	18.3	18.7	19.9	21.3	17.8	18.2	19.5	20.8	17.4	17.8	19.0	20.3	17.0	17.4	18.5	19.8	16.1	16.5	17.6	18.8	14.9	15.3	16.3	17.4
		S/T	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	1.00	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.97	0.79	0.59
		Delta T	22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	20	20	17	14
		KW	1.57	1.60	1.64	1.69	1.67	1.71	1.76	1.81	1.77	1.81	1.86	1.92	1.85	1.89	1.95	2.01	1.93	1.97	2.03	2.09	1.99	2.03	2.09	2.16
		AMPS	5.7	5.8	6.0	6.2	6.1	6.3	6.5	6.7	6.6	6.8	7.0	7.2	7.1	7.2	7.5	7.7	7.5	7.7	7.9	8.2	7.9	8.1	8.4	8.7
		HI PR	138	149	157	164	155	167	176	184	176	190	200	209	201	216	228	238	226	243	257	268	250	269	284	296
		LO PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	87	74	79	86	92	77	82	89	95
	600	MBh	17.7	18.1	19.4	20.7	17.3	17.7	18.9	20.2	16.9	17.3	18.5	19.7	16.5	16.8	18.0	19.2	15.7	16.0	17.1	18.3	14.5	14.8	15.8	16.9
		S/T	0.86	0.80	0.65	0.49	0.89	0.83	0.68	0.51	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.56	0.98	0.92	0.75	0.56
		Delta T	23	22	19	15	24	23	20	16	24	23	20	16	24	23	20	16	23	22	19	16	22	21	18	15
		KW	1.55	1.58	1.63	1.68	1.66	1.69	1.74	1.80	1.76	1.79	1.85	1.90	1.84	1.88	1.94	1.99	1.91	1.95	2.01	2.07	1.97	2.01	2.08	2.14
		AMPS	5.6	5.8	5.9	6.2	6.1	6.2	6.4	6.6	6.6	6.7	6.9	7.2	7.0	7.2	7.4	7.7	7.4	7.6	7.8	8.1	7.9	8.0	8.3	8.6
		HI PR	137	147	155	162	154	165	174	182	175	188	198	207	199	214	226	236	224	241	254	265	247	266	281	293
		LO PR	61	65	70	75	64	68	74	79	67	71	77	82	70	74	81	87	73	78	85	91	76	81	88	94
	525	MBh	16.4	16.7	17.9	19.1	16.0	16.3	17.4	18.6	15.6	15.9	17.0	18.2	15.2	15.6	16.6	17.8	14.5	14.8	15.8	16.9	13.4	13.7	14.6	15.6
		S/T	0.83	0.77	0.63	0.47	0.86	0.80	0.65	0.49	0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.95	0.89	0.72	0.54
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15
		KW	1.52	1.55	1.59	1.64	1.63	1.66	1.70	1.76	1.72	1.75	1.80	1.86	1.80	1.84	1.89	1.95	1.87	1.91	1.96	2.03	1.93	1.97	2.03	2.09
		AMPS	5.5	5.6	5.8	6.0	5.9	6.1	6.2	6.5	6.4	6.5	6.8	7.0	6.8	7.0	7.2	7.5	7.2	7.4	7.6	7.9	7.6	7.8	8.1	8.4
		HI PR	133	143	151	157	149	160	169	177	169	182	192	201	193	208	219	229	217	234	247	257	240	258	272	284
		LO PR	59	63	68	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	85	91

85	675	MBh	18.6	18.9	19.8	21.2	18.1	18.5	19.4	20.7	17.7	18.1	18.9	20.2	17.3	17.6	18.4	19.7	16.4	16.7	17.5	18.7	15.2	15.5	16.2	17.3
		S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
		Delta T	24	23	22	19	24	24	22	19	24	24	22	19	24	24	23	20	22	23	22	19	21	21	21	18
		KW	1.58	1.61	1.65	1.70	1.69	1.72	1.77	1.82	1.78	1.82	1.87	1.93	1.87	1.91	1.97	2.03	1.94	1.98	2.04	2.11	2.00	2.05	2.11	2.18
		AMPS	5.7	5.9	6.1	6.3	6.2	6.3	6.5	6.7	6.7	6.8	7.1	7.3	7.1	7.3	7.5	7.8	7.6	7.7	8.0	8.3	8.0	8.2	8.4	8.8
		HI PR	140	150	159	165	157	169	178	186	178	192	202	211	203	218	231	240	228	246	259	271	252	271	287	299
		LO PR	62	66	72	77	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96
	600	MBh	18.0	18.4	19.3	20.5	17.6	18.0	18.8	20.1	17.2	17.5	18.4	19.6	16.8	17.1	17.9	19.1	15.9	16.2	17.0	18.2	14.8	15.0	15.8	16.8
		S/T	0.90	0.87	0.78	0.63	0.93	0.90	0.81	0.66	0.95	0.92	0.83	0.67	0.98	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	0.99	0.90	0.73
		Delta T	25	24	23	20	25	25	23	20	25	25	23	20	25	25	24	20	24	25	23	20	23	23	22	19
		KW	1.57	1.60	1.64	1.69	1.67	1.71	1.76	1.81	1.77	1.81	1.86	1.92	1.85	1.89	1.95	2.01	1.93	1.97	2.03	2.09	1.99	2.03	2.09	2.16
		AMPS	5.7	5.8	6.0	6.2	6.1	6.3	6.5	6.7	6.6	6.8	7.0	7.2	7.1	7.2	7.5	7.7	7.5	7.7	7.9	8.2	7.9	8.1	8.4	8.7
		HI PR	138	149	157	164	155	167	176	184	176	190	200	209	201	216	228	238	226	243	257	268	250	269	284	296
		LO PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	87	74	79	86	92	77	82	89	95
	525	MBh	16.6	17.0	17.8	19.0	16.3	16.6	17.4	18.5	15.9	16.2	16.9	18.1	15.5	15.8	16.5	17.6	14.7	15.0	15.7	16.8	13.6	13.9	14.5	15.5
		S/T	0.87	0.83	0.75	0.61	0.90	0.87	0.78	0.63	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	0.95	0.86	0.70	0.99	0.96	0.86	0.70
		Delta T	25	25	23	20	26	25	24	21	26	25	24	21	26	25	24	21	25	25	24	20	24	23	22	19
		KW	1.53	1.56	1.60	1.65	1.64	1.67	1.72	1.77	1.73	1.76	1.82	1.87	1.81	1.85	1.90	1.96	1.88	1.92	1.98	2.04	1.94	1.98	2.04	2.11
		AMPS	5.5	5.7	5.8	6.0	6.0	6.1	6.3	6.5	6.5	6.6	6.8	7.1	6.9	7.0	7.3	7.5	7.3	7.5	7.7	8.0	7.7	7.9	8.1	8.4
		HI PR	134	144	152	159	150	162	171	178	171	184	194	203	195	210	221	231	219	236	249	260	242	261	275	287
		LO PR	59	63	69	74	63	67	73	78	65	69	76	81	69	73	80	85	72	76	83	89	74	79	86	92

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA18C2B

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA18C2C/ CA*F018*2*

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	675	MBh	17.6	18.3	20.0	-	17.2	17.9	19.6	-	16.8	17.4	19.1	-	16.4	17.0	18.6	-	15.6	16.2	17.7	-	14.4	15.0	16.4	-
		S/T	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.83	0.69	0.48	-
		Delta T	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-
		KW	1.54	1.57	1.61	-	1.64	1.68	1.73	-	1.74	1.77	1.83	-	1.82	1.86	1.91	-	1.89	1.93	1.99	-	1.95	1.99	2.06	-
		AMPS	5.3	5.4	5.6	-	5.7	5.9	6.0	-	6.2	6.4	6.6	-	6.6	6.8	7.0	-	7.1	7.2	7.5	-	7.5	7.7	7.9	-
		HI PR	135	146	154	-	152	164	173	-	173	186	196	-	197	212	224	-	221	238	252	-	245	263	278	-
		LO PR	60	64	70	-	63	68	74	-	66	70	77	-	69	74	80	-	73	77	84	-	75	80	87	-
	600	MBh	17.1	17.7	19.4	-	16.7	17.3	19.0	-	16.3	16.9	18.5	-	15.9	16.5	18.1	-	15.1	15.7	17.2	-	14.0	14.5	15.9	-
		S/T	0.69	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.79	0.66	0.46	-
		Delta T	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		KW	1.53	1.56	1.60	-	1.63	1.66	1.71	-	1.73	1.76	1.81	-	1.81	1.84	1.90	-	1.88	1.92	1.97	-	1.94	1.98	2.04	-
		AMPS	5.2	5.4	5.5	-	5.7	5.8	6.0	-	6.2	6.3	6.5	-	6.6	6.7	7.0	-	7.0	7.2	7.4	-	7.4	7.6	7.8	-
		HI PR	134	144	152	-	150	162	171	-	171	184	194	-	195	210	221	-	219	236	249	-	242	261	275	-
		LO PR	59	63	69	-	63	67	73	-	65	69	76	-	69	73	80	-	72	76	83	-	74	79	86	-
	525	MBh	15.8	16.4	17.9	-	15.4	16.0	17.5	-	15.1	15.6	17.1	-	14.7	15.2	16.7	-	14.0	14.5	15.9	-	12.9	13.4	14.7	-
		S/T	0.66	0.55	0.38	-	0.69	0.57	0.40	-	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.76	0.63	0.44	-
		Delta T	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		KW	1.49	1.52	1.57	-	1.60	1.63	1.67	-	1.69	1.72	1.77	-	1.77	1.80	1.86	-	1.83	1.87	1.93	-	1.89	1.93	1.99	-
		AMPS	5.1	5.2	5.4	-	5.5	5.6	5.8	-	6.0	6.1	6.3	-	6.4	6.6	6.8	-	6.8	7.0	7.2	-	7.2	7.4	7.6	-
		HI PR	130	140	148	-	146	157	166	-	166	179	189	-	189	203	215	-	213	229	242	-	235	253	267	-
		LO PR	58	61	67	-	61	65	71	-	63	67	74	-	67	71	77	-	70	74	81	-	72	77	84	-

75	675	MBh	17.9	18.5	20.0	21.5	17.5	18.0	19.5	21.0	17.1	17.6	19.1	20.5	16.7	17.2	18.6	20.0	15.9	16.3	17.7	19.0	14.7	15.1	16.4	17.6
		S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.41	0.94	0.84	0.64	0.41
		Delta T	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	10	19	17	14	10
		KW	1.55	1.58	1.62	1.67	1.66	1.69	1.74	1.79	1.75	1.79	1.84	1.90	1.84	1.87	1.93	1.99	1.91	1.95	2.01	2.07	1.97	2.01	2.07	2.14
		AMPS	5.3	5.5	5.6	5.9	5.8	5.9	6.1	6.3	6.3	6.4	6.6	6.9	6.7	6.9	7.1	7.4	7.1	7.3	7.5	7.8	7.6	7.7	8.0	8.3
		HI PR	137	147	155	162	154	165	174	182	175	188	198	207	199	214	226	236	224	241	254	265	247	266	281	293
		LO PR	61	65	70	75	64	68	74	79	67	71	77	82	70	74	81	87	73	78	85	91	76	81	88	94
	600	MBh	17.4	17.9	19.4	20.8	17.0	17.5	19.0	20.3	16.6	17.1	18.5	19.9	16.2	16.7	18.1	19.4	15.4	15.8	17.2	18.4	14.3	14.7	15.9	17.1
		S/T	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.90	0.80	0.61	0.39
		Delta T	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10
		KW	1.54	1.57	1.61	1.66	1.64	1.68	1.73	1.78	1.74	1.77	1.83	1.88	1.82	1.86	1.92	1.97	1.89	1.93	1.99	2.05	1.95	1.99	2.06	2.12
		AMPS	5.3	5.4	5.6	5.8	5.7	5.9	6.1	6.3	6.2	6.4	6.6	6.8	6.6	6.8	7.0	7.3	7.1	7.2	7.5	7.8	7.5	7.7	7.9	8.2
		HI PR	135	146	154	161	152	164	173	180	173	186	196	205	197	212	224	233	222	238	252	263	245	263	278	290
		LO PR	60	64	70	74	63	68	74	79	66	70	77	82	69	74	80	86	73	77	84	90	75	80	87	93
	525	MBh	16.1	16.5	17.9	19.2	15.7	16.2	17.5	18.8	15.3	15.8	17.1	18.3	15.0	15.4	16.7	17.9	14.2	14.6	15.8	17.0	13.2	13.5	14.7	15.7
		S/T	0.75	0.67	0.51	0.33	0.78	0.70	0.53	0.34	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.86	0.77	0.58	0.38
		Delta T	21	20	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
		KW	1.50	1.53	1.58	1.62	1.61	1.64	1.69	1.74	1.70	1.73	1.78	1.84	1.78	1.82	1.87	1.93	1.85	1.89	1.94	2.00	1.91	1.95	2.01	2.07
		AMPS	5.2	5.3	5.4	5.6	5.6	5.7	5.9	6.1	6.0	6.2	6.4	6.6	6.5	6.6	6.8	7.1	6.9	7.0	7.3	7.5	7.3	7.5	7.7	8.0
		HI PR	131	141	149	156	147	159	168	175	168	180	191	199	191	206	217	226	215	231	244	255	237	255	270	281
		LO PR	58	62	68	72	62	66	72	76	64	68	74	79	67	72	78	83	70	75	82	87	73	78	85	90

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA18C2C

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA18C2C/ CA*F018*2*

IDB* Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	675	MBh	18.3	18.7	19.9	21.3	17.8	18.2	19.5	20.8	17.4	17.8	19.0	20.3	17.0	17.4	18.5	19.8	16.1	16.5	17.6	18.8	14.9	15.3	16.3	17.4
		S/T	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	1.00	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.97	0.79	0.59
		Delta T	22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	20	20	17	14
		KW	1.56	1.59	1.64	1.68	1.67	1.70	1.75	1.80	1.77	1.80	1.85	1.91	1.85	1.89	1.94	2.01	1.92	1.96	2.02	2.09	1.98	2.03	2.09	2.15
		AMPS	5.4	5.5	5.7	5.9	5.8	6.0	6.2	6.4	6.3	6.5	6.7	6.9	6.8	6.9	7.2	7.4	7.2	7.4	7.6	7.9	7.6	7.8	8.1	8.4
		HI PR	138	149	157	164	155	167	176	184	176	190	200	209	201	216	228	238	226	243	257	268	250	269	284	296
		LO PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	87	74	79	86	92	77	82	89	95
	600	MBh	17.7	18.1	19.4	20.7	17.3	17.7	18.9	20.2	16.9	17.3	18.5	19.7	16.5	16.8	18.0	19.2	15.7	16.0	17.1	18.3	14.5	14.8	15.8	16.9
		S/T	0.86	0.80	0.65	0.49	0.89	0.83	0.68	0.51	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.56	0.98	0.92	0.75	0.56
		Delta T	23	22	19	15	24	23	20	16	24	23	20	16	24	23	20	16	23	22	19	16	22	21	18	15
		KW	1.55	1.58	1.62	1.67	1.66	1.69	1.74	1.79	1.75	1.79	1.84	1.90	1.84	1.87	1.93	1.99	1.91	1.95	2.01	2.07	1.97	2.01	2.07	2.14
		AMPS	5.3	5.5	5.6	5.9	5.8	5.9	6.1	6.3	6.3	6.4	6.6	6.9	6.7	6.9	7.1	7.4	7.1	7.3	7.5	7.8	7.6	7.7	8.0	8.3
		HI PR	137	147	155	162	154	165	174	182	175	188	198	207	199	214	226	236	224	241	254	265	247	266	281	293
		LO PR	61	65	70	75	64	68	74	79	67	71	77	82	70	74	81	87	73	78	85	91	76	81	88	94
	525	MBh	16.4	16.7	17.9	19.1	16.0	16.3	17.4	18.6	15.6	15.9	17.0	18.2	15.2	15.6	16.6	17.8	14.5	14.8	15.8	16.9	13.4	13.7	14.6	15.6
		S/T	0.83	0.77	0.63	0.47	0.86	0.80	0.65	0.49	0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.95	0.89	0.72	0.54
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15
		KW	1.52	1.54	1.59	1.63	1.62	1.65	1.70	1.75	1.71	1.75	1.80	1.85	1.79	1.83	1.89	1.94	1.86	1.90	1.96	2.02	1.92	1.96	2.02	2.09
		AMPS	5.2	5.3	5.5	5.7	5.6	5.8	5.9	6.2	6.1	6.2	6.5	6.7	6.5	6.7	6.9	7.2	6.9	7.1	7.3	7.6	7.3	7.5	7.8	8.1
		HI PR	133	143	151	157	149	160	169	177	169	182	192	201	193	208	219	229	217	234	247	257	240	258	272	284
		LO PR	59	63	68	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	85	91

85	675	MBh	18.6	18.9	19.8	21.2	18.1	18.5	19.4	20.7	17.7	18.1	18.9	20.2	17.3	17.6	18.4	19.7	16.4	16.7	17.5	18.7	15.2	15.5	16.2	17.3
		S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
		Delta T	24	23	22	19	24	24	22	19	24	24	22	19	24	24	23	20	22	23	22	19	21	21	21	18
		KW	1.57	1.60	1.65	1.70	1.68	1.71	1.76	1.82	1.78	1.81	1.87	1.93	1.86	1.90	1.96	2.02	1.94	1.98	2.04	2.10	2.00	2.04	2.10	2.17
		AMPS	5.4	5.6	5.8	6.0	5.9	6.0	6.2	6.4	6.4	6.5	6.8	7.0	6.8	7.0	7.2	7.5	7.3	7.4	7.7	8.0	7.7	7.9	8.1	8.5
		HI PR	140	150	159	165	157	169	178	186	178	192	202	211	203	218	231	240	228	246	259	271	252	271	287	299
		LO PR	62	66	72	77	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96
	600	MBh	18.0	18.4	19.3	20.5	17.6	18.0	18.8	20.1	17.2	17.5	18.4	19.6	16.8	17.1	17.9	19.1	15.9	16.2	17.0	18.2	14.8	15.0	15.8	16.8
		S/T	0.90	0.87	0.78	0.63	0.93	0.90	0.81	0.66	0.95	0.92	0.83	0.67	0.98	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	0.99	0.90	0.73
		Delta T	25	24	23	20	25	25	23	20	25	25	23	20	25	25	24	20	24	25	23	20	23	23	22	19
		KW	1.56	1.59	1.64	1.68	1.67	1.70	1.75	1.80	1.77	1.80	1.85	1.91	1.85	1.89	1.94	2.01	1.92	1.96	2.02	2.09	1.98	2.03	2.09	2.15
		AMPS	5.4	5.5	5.7	5.9	5.8	6.0	6.2	6.4	6.3	6.5	6.7	6.9	6.8	6.9	7.2	7.4	7.2	7.4	7.6	7.9	7.6	7.8	8.1	8.4
		HI PR	138	149	157	164	155	167	176	184	176	190	200	209	201	216	228	238	226	243	257	268	250	269	284	296
		LO PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	87	74	79	86	92	77	82	89	95
	525	MBh	16.6	17.0	17.8	19.0	16.3	16.6	17.4	18.5	15.9	16.2	16.9	18.1	15.5	15.8	16.5	17.6	14.7	15.0	15.7	16.8	13.6	13.9	14.5	15.5
		S/T	0.87	0.83	0.75	0.61	0.90	0.87	0.78	0.63	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	0.95	0.86	0.70	0.99	0.96	0.86	0.70
		Delta T	25	25	23	20	26	25	24	21	26	25	24	21	26	25	24	21	25	25	24	20	24	23	22	19
		KW	1.53	1.56	1.60	1.65	1.63	1.66	1.71	1.76	1.73	1.76	1.81	1.87	1.81	1.84	1.90	1.96	1.88	1.92	1.97	2.04	1.94	1.98	2.04	2.10
		AMPS	5.2	5.4	5.5	5.7	5.7	5.8	6.0	6.2	6.2	6.3	6.5	6.8	6.6	6.7	7.0	7.2	7.0	7.2	7.4	7.7	7.4	7.6	7.8	8.1
		HI PR	134	144	152	159	150	162	171	178	171	184	194	203	195	210	221	231	219	236	249	260	242	261	275	287
		LO PR	59	63	69	74	63	67	73	78	65	69	76	81	69	73	80	85	72	76	83	89	74	79	86	92

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA18C2C

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA24C2A/ CCA24F*C

IDB*			Airflow	Outdoor Ambient Temperature																							
				65				75				85				95				105				115			
				Entering Indoor Wet Bulb Temperature																							
				59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	900	MBh	24.1	25.0	27.4	-	23.5	24.4	26.7	-	23.0	23.8	26.1	-	22.4	23.2	25.5	-	21.3	22.1	24.2	-	19.7	20.5	22.4	-	
		S/T	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	
		Delta T	25	26	28	-	24	25	27	-	23	24	27	-	23	24	26	-	22	23	25	-	20	21	23	-	
		KW	2.07	2.12	2.18	-	2.23	2.27	2.34	-	2.36	2.41	2.49	-	2.48	2.54	2.62	-	2.58	2.64	2.72	-	2.67	2.73	2.82	-	
		AMPS	7.4	7.6	7.9	-	8.0	8.2	8.5	-	8.8	9.0	9.3	-	9.4	9.7	10.0	-	10.1	10.3	10.7	-	10.7	11.0	11.3	-	
		HI PR	160	172	182	-	180	193	204	-	204	220	232	-	233	250	264	-	262	282	297	-	289	311	328	-	
	LO PR	61	64	70	-	64	68	74	-	67	71	77	-	70	74	81	-	73	78	85	-	76	81	88	-		
	800	MBh	23.4	24.3	26.6	-	22.9	23.7	26.0	-	22.3	23.1	25.3	-	21.8	22.6	24.7	-	20.7	21.4	23.5	-	19.2	19.9	21.8	-	
		S/T	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	
		Delta T	27	28	31	-	26	27	30	-	26	27	29	-	25	26	28	-	24	25	27	-	22	23	25	-	
		KW	2.06	2.10	2.16	-	2.21	2.26	2.33	-	2.34	2.39	2.47	-	2.46	2.52	2.60	-	2.56	2.62	2.70	-	2.65	2.71	2.79	-	
		AMPS	7.3	7.5	7.8	-	8.0	8.2	8.5	-	8.7	8.9	9.2	-	9.3	9.6	9.9	-	10.0	10.2	10.6	-	10.6	10.9	11.2	-	
		HI PR	158	170	180	-	178	191	202	-	202	218	230	-	230	248	262	-	259	279	294	-	286	308	325	-	
	LO PR	60	64	70	-	63	67	74	-	66	70	77	-	69	74	80	-	73	77	84	-	75	80	87	-		
	700	MBh	21.6	22.4	24.5	-	21.1	21.9	24.0	-	20.6	21.3	23.4	-	20.1	20.8	22.8	-	19.1	19.8	21.7	-	17.7	18.3	20.1	-	
		S/T	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	
		Delta T	28	29	32	-	28	29	31	-	27	28	31	-	26	27	30	-	25	26	28	-	23	24	26	-	
		KW	2.01	2.05	2.11	-	2.16	2.20	2.27	-	2.29	2.34	2.41	-	2.40	2.45	2.53	-	2.50	2.55	2.64	-	2.59	2.64	2.73	-	
		AMPS	7.1	7.3	7.6	-	7.7	7.9	8.2	-	8.4	8.7	9.0	-	9.1	9.3	9.6	-	9.7	9.9	10.3	-	10.3	10.5	10.9	-	
		HI PR	154	165	175	-	172	186	196	-	196	211	223	-	223	240	254	-	251	270	286	-	278	299	315	-	
	LO PR	58	62	68	-	61	65	71	-	64	68	74	-	67	71	78	-	70	75	82	-	73	77	84	-		

75	900	MBh	24.5	25.2	27.3	29.3	23.9	24.7	26.7	28.6	23.4	24.1	26.0	28.0	22.8	23.5	25.4	27.3	21.7	22.3	24.1	25.9	20.1	20.7	22.4	24.0
		S/T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		Delta T	25	26	28	30	24	25	27	29	24	25	27	29	23	24	26	28	22	23	25	26	20	21	23	25
		KW	2.09	2.13	2.20	2.27	2.25	2.29	2.36	2.44	2.38	2.43	2.51	2.59	2.50	2.56	2.64	2.72	2.61	2.66	2.75	2.84	2.69	2.75	2.84	2.94
		AMPS	7.5	7.7	7.9	8.2	8.1	8.3	8.6	9.0	8.9	9.1	9.4	9.8	9.5	9.8	10.1	10.5	10.2	10.4	10.8	11.2	10.8	11.1	11.5	11.9
		HI PR	162	174	184	192	181	195	206	215	206	222	234	244	235	253	267	278	264	284	300	313	292	314	332	346
		LO PR	61	65	71	76	65	69	75	80	67	71	78	83	71	75	82	87	74	79	86	92	77	81	89	95
	800	MBh	23.8	24.5	26.5	28.5	23.2	23.9	25.9	27.8	22.7	23.4	25.3	27.1	22.1	22.8	24.7	26.5	21.0	21.7	23.4	25.2	19.5	20.1	21.7	23.3
		S/T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		Delta T	27	28	30	33	27	28	30	32	26	27	29	31	25	26	28	30	24	25	27	29	22	23	25	27
		KW	2.08	2.12	2.18	2.25	2.23	2.27	2.34	2.42	2.36	2.41	2.49	2.57	2.48	2.54	2.62	2.70	2.58	2.64	2.72	2.81	2.67	2.73	2.82	2.91
		AMPS	7.4	7.6	7.9	8.2	8.0	8.2	8.5	8.9	8.8	9.0	9.3	9.7	9.4	9.7	10.0	10.4	10.1	10.3	10.7	11.1	10.7	11.0	11.4	11.8
		HI PR	160	172	182	190	180	193	204	213	204	220	232	242	233	250	264	276	262	282	297	310	289	311	329	343
		LO PR	61	64	70	75	64	68	74	79	67	71	77	82	70	74	81	86	73	78	85	91	76	81	88	94
	700	MBh	22.0	22.6	24.5	26.3	21.5	22.1	23.9	25.7	20.9	21.6	23.3	25.1	20.4	21.0	22.8	24.4	19.4	20.0	21.6	23.2	18.0	18.5	20.0	21.5
		S/T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		Delta T	29	30	32	35	28	29	31	34	28	28	31	33	27	28	30	32	25	26	28	30	24	24	26	28
		KW	2.03	2.07	2.13	2.20	2.18	2.22	2.29	2.36	2.31	2.36	2.43	2.51	2.42	2.47	2.55	2.64	2.52	2.58	2.66	2.74	2.61	2.66	2.75	2.84
		AMPS	7.2	7.4	7.6	7.9	7.8	8.0	8.3	8.6	8.5	8.7	9.1	9.4	9.1	9.4	9.7	10.1	9.8	10.0	10.4	10.8	10.4	10.6	11.0	11.5
		HI PR	155	167	176	184	174	187	198	206	198	213	225	235	226	243	256	267	254	273	288	301	280	302	319	332
		LO PR	59	63	68	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	73	78	85	91

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA24C2A

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA24C2A/ CCA24F*C

IDB*			Airflow	Outdoor Ambient Temperature																							
				65				75				85				95				105				115			
				Entering Indoor Wet Bulb Temperature																							
				59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	900	MBh	24.1	25.0	27.4	-	23.5	24.4	26.7	-	23.0	23.8	26.1	-	22.4	23.2	25.5	-	21.3	22.1	24.2	-	19.7	20.5	22.4	-	
		S/T	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	
		Delta T	25	26	28	-	24	25	27	-	23	24	27	-	23	24	26	-	22	23	25	-	20	21	23	-	
		KW	2.07	2.12	2.18	-	2.23	2.27	2.34	-	2.36	2.41	2.49	-	2.48	2.54	2.62	-	2.58	2.64	2.72	-	2.67	2.73	2.82	-	
		AMPS	7.4	7.6	7.9	-	8.0	8.2	8.5	-	8.8	9.0	9.3	-	9.4	9.7	10.0	-	10.1	10.3	10.7	-	10.7	11.0	11.3	-	
		HI PR	160	172	182	-	180	193	204	-	204	220	232	-	233	250	264	-	262	282	297	-	289	311	328	-	
		LO PR	61	64	70	-	64	68	74	-	67	71	77	-	70	74	81	-	73	78	85	-	76	81	88	-	
	800	MBh	23.4	24.3	26.6	-	22.9	23.7	26.0	-	22.3	23.1	25.3	-	21.8	22.6	24.7	-	20.7	21.4	23.5	-	19.2	19.9	21.8	-	
		S/T	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	
		Delta T	27	28	31	-	26	27	30	-	26	27	29	-	25	26	28	-	24	25	27	-	22	23	25	-	
		KW	2.06	2.10	2.16	-	2.21	2.26	2.33	-	2.34	2.39	2.47	-	2.46	2.52	2.60	-	2.56	2.62	2.70	-	2.65	2.71	2.79	-	
		AMPS	7.3	7.5	7.8	-	8.0	8.2	8.5	-	8.7	8.9	9.2	-	9.3	9.6	9.9	-	10.0	10.2	10.6	-	10.6	10.9	11.2	-	
		HI PR	158	170	180	-	178	191	202	-	202	218	230	-	230	248	262	-	259	279	294	-	286	308	325	-	
		LO PR	60	64	70	-	63	67	74	-	66	70	77	-	69	74	80	-	73	77	84	-	75	80	87	-	
	700	MBh	21.6	22.4	24.5	-	21.1	21.9	24.0	-	20.6	21.3	23.4	-	20.1	20.8	22.8	-	19.1	19.8	21.7	-	17.7	18.3	20.1	-	
		S/T	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	1.00	1.00	1.00	-	
		Delta T	28	29	32	-	28	29	31	-	27	28	31	-	26	27	30	-	25	26	28	-	23	24	26	-	
		KW	2.01	2.05	2.11	-	2.16	2.20	2.27	-	2.29	2.34	2.41	-	2.40	2.45	2.53	-	2.50	2.55	2.64	-	2.59	2.64	2.73	-	
		AMPS	7.1	7.3	7.6	-	7.7	7.9	8.2	-	8.4	8.7	9.0	-	9.1	9.3	9.6	-	9.7	9.9	10.3	-	10.3	10.5	10.9	-	
		HI PR	154	165	175	-	172	186	196	-	196	211	223	-	223	240	254	-	251	270	286	-	278	299	315	-	
		LO PR	58	62	68	-	61	65	71	-	64	68	74	-	67	71	78	-	70	75	82	-	73	77	84	-	

85	900	MBh	24.5	25.2	27.3	29.3	23.9	24.7	26.7	28.6	23.4	24.1	26.0	28.0	22.8	23.5	25.4	27.3	21.7	22.3	24.1	25.9	20.1	20.7	22.4	24.0
		S/T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		Delta T	25	26	28	30	24	25	27	29	24	25	27	29	23	24	26	28	22	23	25	26	20	21	23	25
		KW	2.09	2.13	2.20	2.27	2.25	2.29	2.36	2.44	2.38	2.43	2.51	2.59	2.50	2.56	2.64	2.72	2.61	2.66	2.75	2.84	2.69	2.75	2.84	2.94
		AMPS	7.5	7.7	7.9	8.2	8.1	8.3	8.6	9.0	8.9	9.1	9.4	9.8	9.5	9.8	10.1	10.5	10.2	10.4	10.8	11.2	10.8	11.1	11.5	11.9
		HI PR	162	174	184	192	181	195	206	215	206	222	234	244	235	253	267	278	264	284	300	313	292	314	332	346
		LO PR	61	65	71	76	65	69	75	80	67	71	78	83	71	75	82	87	74	79	86	92	77	81	89	95
	800	MBh	23.8	24.5	26.5	28.5	23.2	23.9	25.9	27.8	22.7	23.4	25.3	27.1	22.1	22.8	24.7	26.5	21.0	21.7	23.4	25.2	19.5	20.1	21.7	23.3
		S/T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		Delta T	27	28	30	33	27	28	30	32	26	27	29	31	25	26	28	30	24	25	27	29	22	23	25	27
		KW	2.08	2.12	2.18	2.25	2.23	2.27	2.34	2.42	2.36	2.41	2.49	2.57	2.48	2.54	2.62	2.70	2.58	2.64	2.72	2.81	2.67	2.73	2.82	2.91
		AMPS	7.4	7.6	7.9	8.2	8.0	8.2	8.5	8.9	8.8	9.0	9.3	9.7	9.4	9.7	10.0	10.4	10.1	10.3	10.7	11.1	10.7	11.0	11.4	11.8
		HI PR	160	172	182	190	180	193	204	213	204	220	232	242	233	250	264	276	262	282	297	310	289	311	329	343
		LO PR	61	64	70	75	64	68	74	79	67	71	77	82	70	74	81	86	73	78	85	91	76	81	88	94
	700	MBh	22.0	22.6	24.5	26.3	21.5	22.1	23.9	25.7	20.9	21.6	23.3	25.1	20.4	21.0	22.8	24.4	19.4	20.0	21.6	23.2	18.0	18.5	20.0	21.5
		S/T	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		Delta T	29	30	32	35	28	29	31	34	28	28	31	33	27	28	30	32	25	26	28	30	24	24	26	28
		KW	2.03	2.07	2.13	2.20	2.18	2.22	2.29	2.36	2.31	2.36	2.43	2.51	2.42	2.47	2.55	2.64	2.52	2.58	2.66	2.74	2.61	2.66	2.75	2.84
		AMPS	7.2	7.4	7.6	7.9	7.8	8.0	8.3	8.6	8.5	8.7	9.1	9.4	9.1	9.4	9.7	10.1	9.8	10.0	10.4	10.8	10.4	10.6	11.0	11.5
		HI PR	155	167	176	184	174	187	198	206	198	213	225	235	226	243	256	267	254	273	288	301	280	302	319	332
		LO PR	59	63	68	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	73	78	85	91

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

High and low pressures are measured @ outdoor unit service valves

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA24C2B/ CCA24F*C

IDB* Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	956	MBh	22.7	23.6	25.8	-	22.2	23.0	25.2	-	21.7	22.5	24.6	-	21.1	21.9	24.0	-	20.1	20.8	22.8	-	18.6	19.3	21.1	-
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-
		Delta T	16	14	11	-	16	14	11	-	16	14	11	-	17	14	11	-	16	14	11	-	15	13	10	-
		KW	2.05	2.09	2.15	-	2.19	2.24	2.31	-	2.32	2.37	2.45	-	2.44	2.49	2.57	-	2.54	2.59	2.67	-	2.62	2.68	2.76	-
		AMPS	7.4	7.5	7.8	-	8.0	8.1	8.4	-	8.6	8.8	9.1	-	9.2	9.4	9.7	-	9.8	10.0	10.4	-	10.4	10.6	11.0	-
		HI PR	150	161	170	-	168	181	191	-	191	206	217	-	218	234	247	-	245	264	278	-	271	291	308	-
		LO PR	61	65	71	-	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	77	82	89	-
	850	MBh	22.1	22.9	25.1	-	21.6	22.3	24.5	-	21.0	21.8	23.9	-	20.5	21.3	23.3	-	19.5	20.2	22.2	-	18.1	18.7	20.5	-
		S/T	0.71	0.59	0.41	-	0.74	0.61	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-
		Delta T	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
		KW	2.03	2.07	2.13	-	2.18	2.22	2.29	-	2.31	2.35	2.43	-	2.42	2.47	2.55	-	2.52	2.57	2.65	-	2.60	2.66	2.74	-
		AMPS	7.3	7.5	7.7	-	7.9	8.1	8.3	-	8.6	8.8	9.0	-	9.1	9.4	9.7	-	9.7	9.9	10.3	-	10.3	10.5	10.9	-
		HI PR	148	160	169	-	166	179	189	-	189	204	215	-	216	232	245	-	243	261	276	-	268	288	305	-
		LO PR	61	65	71	-	64	68	75	-	67	71	77	-	70	75	81	-	73	78	85	-	76	81	88	-
	744	MBh	20.4	21.1	23.1	-	19.9	20.6	22.6	-	19.4	20.1	22.1	-	19.0	19.6	21.5	-	18.0	18.7	20.4	-	16.7	17.3	18.9	-
		S/T	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.79	0.66	0.45	-
		Delta T	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-
		KW	1.98	2.02	2.08	-	2.13	2.17	2.24	-	2.25	2.30	2.37	-	2.36	2.41	2.49	-	2.46	2.51	2.59	-	2.54	2.59	2.67	-
		AMPS	7.1	7.3	7.5	-	7.7	7.9	8.1	-	8.3	8.5	8.8	-	8.9	9.1	9.4	-	9.4	9.7	10.0	-	10.0	10.2	10.6	-
		HI PR	144	155	164	-	161	174	183	-	184	198	209	-	209	225	238	-	235	253	267	-	260	280	295	-
		LO PR	59	63	68	-	62	66	72	-	65	69	75	-	68	72	79	-	71	76	83	-	74	78	86	-

75	956	MBh	23.1	23.8	25.8	27.7	22.6	23.3	25.2	27.0	22.0	22.7	24.6	26.4	21.5	22.1	24.0	25.7	20.4	21.0	22.8	24.4	18.9	19.5	21.1	22.6
		S/T	0.85	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42
		Delta T	19	17	14	10	19	18	14	10	19	18	14	10	19	18	14	10	19	17	14	10	18	16	13	9
		KW	2.06	2.10	2.16	2.23	2.21	2.26	2.32	2.40	2.34	2.39	2.47	2.54	2.46	2.51	2.59	2.67	2.56	2.61	2.70	2.78	2.64	2.70	2.79	2.88
		AMPS	7.4	7.6	7.9	8.1	8.0	8.2	8.5	8.8	8.7	8.9	9.2	9.6	9.3	9.5	9.8	10.2	9.9	10.1	10.5	10.9	10.5	10.7	11.1	11.5
		HI PR	151	163	172	179	170	183	193	201	193	208	219	229	220	237	250	261	247	266	281	293	273	294	311	324
		LO PR	62	66	72	77	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96
	850	MBh	22.4	23.1	25.0	26.8	21.9	22.6	24.4	26.2	21.4	22.0	23.9	25.6	20.9	21.5	23.3	25.0	19.8	20.4	22.1	23.7	18.4	18.9	20.5	22.0
		S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40
		Delta T	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	10
		KW	2.05	2.09	2.15	2.21	2.19	2.24	2.31	2.38	2.32	2.37	2.45	2.52	2.44	2.49	2.57	2.65	2.54	2.59	2.67	2.76	2.62	2.68	2.76	2.85
		AMPS	7.4	7.5	7.8	8.1	8.0	8.1	8.4	8.7	8.6	8.8	9.1	9.5	9.2	9.4	9.8	10.1	9.8	10.0	10.4	10.8	10.4	10.6	11.0	11.4
		HI PR	150	161	170	178	168	181	191	199	191	206	217	227	218	234	248	258	245	264	278	290	271	291	308	321
		LO PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92	77	82	89	95
	744	MBh	20.7	21.3	23.1	24.8	20.2	20.8	22.6	24.2	19.8	20.3	22.0	23.6	19.3	19.8	21.5	23.1	18.3	18.9	20.4	21.9	17.0	17.5	18.9	20.3
		S/T	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.89	0.79	0.60	0.39	0.89	0.80	0.60	0.39
		Delta T	20	18	15	10	20	19	15	10	20	19	15	11	20	19	15	11	20	18	15	10	19	17	14	10
		KW	2.00	2.04	2.10	2.16	2.14	2.19	2.25	2.32	2.27	2.32	2.39	2.46	2.38	2.43	2.51	2.59	2.48	2.53	2.61	2.69	2.56	2.61	2.70	2.78
		AMPS	7.2	7.3	7.6	7.9	7.7	7.9	8.2	8.5	8.4	8.6	8.9	9.2	9.0	9.2	9.5	9.8	9.5	9.8	10.1	10.5	10.1	10.3	10.7	11.1
		HI PR	145	156	165	172	163	176	185	193	185	200	211	220	211	227	240	250	238	256	270	282	263	283	298	311
		LO PR	59	63	69	74	63	67	73	78	65	70	76	81	69	73	80	85	72	77	84	89	74	79	86	92

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA24C2B

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA24C2B/ CCA24F*C

IDB* Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	956	MBh	23.5	24.0	25.7	27.5	23.0	23.5	25.1	26.8	22.4	22.9	24.5	26.2	21.9	22.4	23.9	25.5	20.8	21.2	22.7	24.3	19.3	19.7	21.0	22.5
		S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.61
		Delta T	21	20	17	14	21	20	18	14	22	20	18	14	21	21	18	14	20	20	18	14	19	19	16	13
		KW	2.08	2.12	2.18	2.25	2.23	2.27	2.34	2.42	2.36	2.41	2.49	2.56	2.48	2.53	2.61	2.69	2.58	2.63	2.72	2.81	2.67	2.72	2.81	2.90
		AMPS	7.5	7.7	7.9	8.2	8.1	8.3	8.6	8.9	8.8	9.0	9.3	9.6	9.4	9.6	9.9	10.3	10.0	10.2	10.6	11.0	10.6	10.8	11.2	11.6
		HI PR	153	165	174	181	172	185	195	203	195	210	222	231	222	239	253	263	250	269	284	296	276	297	314	327
	LO PR	63	67	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	94	78	83	91	97	
	850	MBh	22.8	23.3	24.9	26.7	22.3	22.8	24.4	26.0	21.8	22.3	23.8	25.4	21.3	21.7	23.2	24.8	20.2	20.6	22.0	23.6	18.7	19.1	20.4	21.8
		S/T	0.88	0.83	0.68	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.78	0.58
		Delta T	22	21	18	15	22	21	18	15	22	21	18	15	22	21	19	15	22	21	18	15	20	20	17	14
		KW	2.06	2.10	2.17	2.23	2.21	2.26	2.32	2.40	2.34	2.39	2.47	2.54	2.46	2.51	2.59	2.67	2.56	2.61	2.70	2.78	2.64	2.70	2.79	2.88
		AMPS	7.4	7.6	7.9	8.1	8.0	8.2	8.5	8.8	8.7	8.9	9.2	9.6	9.3	9.5	9.8	10.2	9.9	10.1	10.5	10.9	10.5	10.7	11.1	11.5
		HI PR	151	163	172	179	170	183	193	201	193	208	220	229	220	237	250	261	248	266	281	293	273	294	311	324
	LO PR	62	66	72	77	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96	
	744	MBh	21.1	21.5	23.0	24.6	20.6	21.0	22.5	24.0	20.1	20.5	21.9	23.5	19.6	20.0	21.4	22.9	18.6	19.0	20.3	21.7	17.3	17.6	18.8	20.1
		S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.94	0.88	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56
		Delta T	22	21	19	15	22	22	19	15	23	22	19	15	23	22	19	15	22	21	19	15	21	20	17	14
		KW	2.01	2.05	2.12	2.18	2.16	2.20	2.27	2.34	2.29	2.34	2.41	2.48	2.40	2.45	2.53	2.61	2.50	2.55	2.63	2.71	2.58	2.64	2.72	2.81
		AMPS	7.2	7.4	7.6	7.9	7.8	8.0	8.3	8.6	8.5	8.7	9.0	9.3	9.0	9.3	9.6	9.9	9.6	9.9	10.2	10.6	10.2	10.4	10.8	11.2
		HI PR	147	158	167	174	165	177	187	195	187	202	213	222	213	230	243	253	240	258	273	285	265	285	301	314
	LO PR	60	64	70	74	63	68	74	79	66	70	77	82	69	74	81	86	73	77	84	90	75	80	87	93	

85	956	MBh	23.9	24.4	25.6	27.3	23.4	23.8	25.0	26.6	22.8	23.3	24.4	26.0	22.3	22.7	23.8	25.4	21.2	21.6	22.6	24.1	19.6	20.0	20.9	22.3
		S/T	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79
		Delta T	22	22	21	18	22	22	21	18	22	22	21	18	21	22	21	18	20	21	21	18	19	19	20	17
		KW	2.09	2.13	2.20	2.27	2.24	2.29	2.36	2.43	2.38	2.43	2.50	2.58	2.50	2.55	2.63	2.72	2.60	2.66	2.74	2.83	2.69	2.74	2.83	2.93
		AMPS	7.6	7.7	8.0	8.3	8.2	8.4	8.6	9.0	8.9	9.1	9.4	9.7	9.5	9.7	10.0	10.4	10.1	10.3	10.7	11.1	10.7	10.9	11.3	11.7
		HI PR	154	166	175	183	173	186	197	205	197	212	224	234	224	242	255	266	252	272	287	299	279	300	317	331
		LO PR	63	67	73	78	67	71	78	83	69	74	81	86	73	78	85	90	76	81	89	94	79	84	92	98
	850	MBh	23.2	23.7	24.8	26.5	22.7	23.1	24.2	25.9	22.2	22.6	23.7	25.2	21.6	22.0	23.1	24.6	20.5	20.9	21.9	23.4	19.0	19.4	20.3	21.7
		S/T	0.93	0.89	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75
		Delta T	23	23	22	19	24	23	22	19	24	23	22	19	23	23	22	19	22	23	22	19	21	21	20	18
		KW	2.08	2.12	2.18	2.25	2.23	2.27	2.34	2.42	2.36	2.41	2.49	2.56	2.48	2.53	2.61	2.69	2.58	2.63	2.72	2.81	2.67	2.72	2.81	2.90
		AMPS	7.5	7.7	7.9	8.2	8.1	8.3	8.6	8.9	8.8	9.0	9.3	9.6	9.4	9.6	9.9	10.3	10.0	10.2	10.6	11.0	10.6	10.8	11.2	11.6
		HI PR	153	165	174	181	172	185	195	203	195	210	222	231	222	239	253	263	250	269	284	296	276	297	314	327
		LO PR	63	67	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	94	78	83	91	97
	744	MBh	21.5	21.9	22.9	24.4	21.0	21.4	22.4	23.9	20.5	20.9	21.8	23.3	20.0	20.3	21.3	22.7	19.0	19.3	20.2	21.6	17.6	17.9	18.7	20.0
		S/T	0.89	0.86	0.78	0.63	0.93	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.98	0.95	0.85	0.69	1.00	0.98	0.89	0.72	1.00	0.99	0.89	0.73
		Delta T	24	23	22	19	24	24	22	19	24	24	22	19	24	24	22	19	23	23	22	19	22	22	21	18
		KW	2.03	2.07	2.13	2.20	2.18	2.22	2.29	2.36	2.31	2.35	2.43	2.50	2.42	2.47	2.55	2.63	2.52	2.57	2.65	2.74	2.60	2.66	2.74	2.83
		AMPS	7.3	7.5	7.7	8.0	7.9	8.1	8.3	8.6	8.6	8.8	9.0	9.4	9.1	9.4	9.7	10.0	9.7	9.9	10.3	10.7	10.3	10.5	10.9	11.3
		HI PR	148	160	169	176	166	179	189	197	189	204	215	224	216	232	245	255	242	261	276	287	268	288	304	318
		LO PR	61	65	71	75	64	68	74	79	67	71	77	82	70	74	81	87	73	78	85	91	76	81	88	94

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA24C2B

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA24C2C/ CA*F025*2*

IDB* Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	956	MBh	22.8	23.7	25.9	-	22.2	23.0	25.2	-	21.8	22.6	24.7	-	21.1	21.9	24.0	-	20.1	20.8	22.8	-	18.6	19.3	21.1	-
		S/T	0.74	0.62	0.43	-	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.69	0.47	-	0.86	0.71	0.49	-	0.86	0.72	0.50	-
		Delta T	16	14	11	-	17	14	11	-	17	14	11	-	17	14	11	-	17	14	11	-	15	13	10	-
		KW	1.96	2.00	2.06	-	2.11	2.15	2.22	-	2.24	2.29	2.36	-	2.36	2.41	2.48	-	2.45	2.51	2.59	-	2.54	2.59	2.68	-
		AMPS	7.0	7.2	7.5	-	7.6	7.8	8.1	-	8.3	8.5	8.8	-	8.9	9.1	9.4	-	9.5	9.7	10.0	-	10.0	10.3	10.6	-
		HI PR	150	161	170	-	168	181	191	-	191	206	217	-	218	234	247	-	245	264	278	-	271	291	308	-
		LO PR	61	65	71	-	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	77	82	89	-
	850	MBh	22.2	23.0	25.2	-	21.6	22.3	24.5	-	21.1	21.9	24.0	-	20.5	21.3	23.3	-	19.5	20.2	22.2	-	18.1	18.7	20.5	-
		S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.82	0.68	0.47	-	0.82	0.68	0.47	-
		Delta T	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	11	-
		KW	1.95	1.99	2.05	-	2.09	2.14	2.20	-	2.22	2.27	2.34	-	2.34	2.39	2.46	-	2.43	2.49	2.57	-	2.52	2.57	2.66	-
		AMPS	7.0	7.2	7.4	-	7.6	7.7	8.0	-	8.2	8.4	8.7	-	8.8	9.0	9.3	-	9.4	9.6	9.9	-	10.0	10.2	10.5	-
		HI PR	148	160	169	-	166	179	189	-	189	204	215	-	216	232	245	-	243	261	276	-	268	288	305	-
		LO PR	61	65	71	-	64	68	75	-	67	71	77	-	70	75	81	-	73	78	85	-	76	81	88	-
	744	MBh	20.4	21.1	23.2	-	19.8	20.6	22.5	-	19.5	20.2	22.1	-	18.9	19.6	21.5	-	17.9	18.6	20.4	-	16.6	17.2	18.9	-
		S/T	0.69	0.57	0.40	-	0.71	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-
		Delta T	17	15	11	-	18	15	11	-	18	15	11	-	18	15	12	-	18	15	11	-	16	14	11	-
		KW	1.90	1.94	2.00	-	2.04	2.09	2.15	-	2.17	2.22	2.29	-	2.28	2.33	2.40	-	2.37	2.43	2.50	-	2.45	2.51	2.59	-
		AMPS	6.8	7.0	7.2	-	7.4	7.5	7.8	-	8.0	8.2	8.5	-	8.6	8.8	9.1	-	9.1	9.3	9.7	-	9.7	9.9	10.2	-
		HI PR	144	155	164	-	161	174	183	-	184	198	209	-	209	225	238	-	235	253	267	-	260	280	295	-
		LO PR	59	63	68	-	62	66	72	-	65	69	75	-	68	72	79	-	71	76	83	-	74	78	86	-

75	956	MBh	23.2	23.9	25.9	27.8	22.6	23.3	25.2	27.0	22.2	22.8	24.7	26.5	21.5	22.2	24.0	25.7	20.4	21.0	22.8	24.4	18.9	19.5	21.1	22.6
		S/T	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.41	0.97	0.87	0.66	0.42	0.98	0.87	0.66	0.42
		Delta T	19	17	14	10	19	18	14	10	19	18	14	10	19	18	15	10	19	18	14	10	18	16	13	9
		KW	1.98	2.02	2.08	2.15	2.13	2.17	2.24	2.31	2.26	2.31	2.38	2.46	2.38	2.43	2.51	2.59	2.47	2.53	2.61	2.70	2.56	2.62	2.70	2.79
		AMPS	7.1	7.3	7.5	7.8	7.7	7.9	8.2	8.5	8.4	8.6	8.9	9.2	9.0	9.2	9.5	9.9	9.6	9.8	10.1	10.5	10.1	10.4	10.8	11.2
		HI PR	151	163	172	179	170	183	193	201	193	208	219	229	220	237	250	261	247	266	281	293	273	294	311	324
		LO PR	62	66	72	77	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96
	850	MBh	22.6	23.2	25.1	27.0	21.9	22.6	24.4	26.2	21.5	22.2	24.0	25.7	20.9	21.5	23.3	25.0	19.8	20.4	22.1	23.7	18.4	18.9	20.5	22.0
		S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.76	0.58	0.37	0.89	0.80	0.60	0.39	0.93	0.83	0.63	0.40	0.93	0.83	0.63	0.41
		Delta T	20	18	15	10	20	18	15	10	20	18	15	10	20	19	15	10	20	18	15	10	18	17	14	10
		KW	1.96	2.00	2.07	2.13	2.11	2.16	2.22	2.29	2.24	2.29	2.36	2.44	2.36	2.41	2.49	2.57	2.45	2.51	2.59	2.68	2.54	2.59	2.68	2.77
		AMPS	7.1	7.2	7.5	7.7	7.6	7.8	8.1	8.4	8.3	8.5	8.8	9.1	8.9	9.1	9.4	9.8	9.5	9.7	10.0	10.4	10.0	10.3	10.7	11.1
		HI PR	150	161	170	178	168	181	191	199	191	206	217	227	218	234	248	258	245	264	278	290	271	291	308	321
		LO PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92	77	82	89	95
	744	MBh	20.7	21.4	23.1	24.8	20.2	20.8	22.5	24.1	19.8	20.4	22.1	23.7	19.2	19.8	21.4	23.0	18.2	18.8	20.3	21.8	16.9	17.4	18.8	20.2
		S/T	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.90	0.80	0.61	0.39	0.90	0.80	0.61	0.39
		Delta T	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	11	19	17	14	10
		KW	1.92	1.96	2.02	2.08	2.06	2.10	2.17	2.24	2.19	2.23	2.30	2.38	2.30	2.35	2.42	2.50	2.39	2.45	2.53	2.61	2.48	2.53	2.61	2.70
		AMPS	6.9	7.0	7.3	7.5	7.4	7.6	7.9	8.2	8.1	8.3	8.6	8.9	8.6	8.9	9.2	9.5	9.2	9.4	9.8	10.1	9.8	10.0	10.3	10.7
		HI PR	145	156	165	172	163	176	185	193	185	200	211	220	211	227	240	250	238	256	270	282	263	283	298	311
		LO PR	59	63	69	74	63	67	73	78	65	70	76	81	69	73	80	85	72	77	84	89	74	79	86	92

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA24C2C

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA24C2C/ CA*F025*2*

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	956	MBh	23.6	24.2	25.8	27.6	23.0	23.5	25.1	26.8	22.5	23.0	24.6	26.3	21.9	22.4	23.9	25.5	20.8	21.2	22.7	24.3	19.3	19.7	21.0	22.5
		S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.74	0.55	1.00	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.61	1.00	1.00	0.82	0.61
		Delta T	21	20	18	14	21	20	18	14	22	20	18	14	21	21	18	14	20	20	18	14	19	19	17	13
		KW	1.99	2.03	2.10	2.16	2.14	2.19	2.26	2.33	2.28	2.33	2.40	2.48	2.39	2.45	2.53	2.61	2.49	2.55	2.63	2.72	2.58	2.64	2.73	2.82
		AMPS	7.2	7.4	7.6	7.9	7.8	8.0	8.2	8.6	8.5	8.7	9.0	9.3	9.1	9.3	9.6	10.0	9.7	9.9	10.2	10.6	10.2	10.5	10.9	11.3
		HI PR	153	165	174	181	172	185	195	203	195	210	222	231	222	239	253	263	250	269	284	296	276	297	314	327
		LO PR	63	67	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	94	78	83	91	97
	850	MBh	23.0	23.5	25.1	26.8	22.3	22.8	24.4	26.0	21.9	22.4	23.9	25.5	21.3	21.7	23.2	24.8	20.2	20.6	22.0	23.6	18.7	19.1	20.4	21.8
		S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.98	0.92	0.74	0.56	1.00	0.95	0.78	0.58	1.00	0.96	0.78	0.58
		Delta T	22	21	18	15	22	21	19	15	22	21	19	15	22	21	19	15	22	21	19	15	20	20	17	14
		KW	1.98	2.02	2.08	2.15	2.13	2.17	2.24	2.31	2.26	2.31	2.38	2.46	2.38	2.43	2.51	2.59	2.47	2.53	2.61	2.70	2.56	2.62	2.70	2.79
		AMPS	7.1	7.3	7.5	7.8	7.7	7.9	8.2	8.5	8.4	8.6	8.9	9.2	9.0	9.2	9.5	9.9	9.6	9.8	10.1	10.5	10.1	10.4	10.8	11.2
		HI PR	151	163	172	179	170	183	193	201	193	208	220	229	220	237	250	261	248	266	281	293	273	294	311	324
		LO PR	62	66	72	77	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96
	744	MBh	21.1	21.6	23.1	24.6	20.5	21.0	22.4	24.0	20.1	20.6	22.0	23.5	19.6	20.0	21.3	22.8	18.6	19.0	20.3	21.7	17.2	17.6	18.8	20.1
		S/T	0.86	0.80	0.65	0.49	0.89	0.83	0.68	0.51	0.91	0.85	0.69	0.52	0.94	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.75	0.56
		Delta T	22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	17	14
		KW	1.93	1.97	2.03	2.10	2.08	2.12	2.19	2.26	2.20	2.25	2.32	2.40	2.32	2.37	2.44	2.52	2.41	2.47	2.55	2.63	2.50	2.55	2.63	2.72
		AMPS	6.9	7.1	7.3	7.6	7.5	7.7	7.9	8.2	8.2	8.4	8.6	9.0	8.7	8.9	9.2	9.6	9.3	9.5	9.8	10.2	9.9	10.1	10.4	10.9
		HI PR	147	158	167	174	165	177	187	195	187	202	213	222	213	230	243	253	240	258	273	285	265	285	301	314
		LO PR	60	64	70	74	63	68	74	79	66	70	77	82	69	74	81	86	73	77	84	90	75	80	87	93

85	956	MBh	24.1	24.5	25.7	27.4	23.4	23.8	25.0	26.6	22.9	23.4	24.5	26.1	22.3	22.7	23.8	25.4	21.2	21.6	22.6	24.1	19.6	20.0	20.9	22.3
		S/T	0.97	0.94	0.85	0.69	1.00	0.98	0.88	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.79
		Delta T	23	22	21	18	22	22	21	18	22	22	21	18	21	22	21	18	20	21	21	18	19	19	20	17
		KW	2.01	2.05	2.11	2.18	2.16	2.21	2.28	2.35	2.30	2.35	2.42	2.50	2.41	2.47	2.55	2.63	2.52	2.57	2.66	2.74	2.60	2.66	2.75	2.84
		AMPS	7.2	7.4	7.7	8.0	7.8	8.0	8.3	8.6	8.5	8.8	9.1	9.4	9.1	9.4	9.7	10.1	9.7	10.0	10.3	10.7	10.3	10.6	11.0	11.4
		HI PR	154	166	175	183	173	186	197	205	197	212	224	234	224	242	255	266	252	272	287	299	279	300	317	331
		LO PR	63	67	73	78	67	71	78	83	69	74	81	86	73	78	85	90	76	81	89	94	79	84	92	98
	850	MBh	23.4	23.8	24.9	26.6	22.7	23.1	24.2	25.9	22.3	22.7	23.8	25.4	21.6	22.0	23.1	24.6	20.5	20.9	21.9	23.4	19.0	19.4	20.3	21.7
		S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.98	0.95	0.86	0.69	1.00	0.99	0.89	0.72	1.00	1.00	0.93	0.75	1.00	1.00	0.93	0.76
		Delta T	23	23	22	19	24	23	22	19	24	23	22	19	23	24	22	19	22	23	22	19	21	21	20	18
		KW	1.99	2.03	2.10	2.16	2.14	2.19	2.26	2.33	2.28	2.33	2.40	2.48	2.39	2.45	2.53	2.61	2.49	2.55	2.63	2.72	2.58	2.64	2.73	2.82
		AMPS	7.2	7.4	7.6	7.9	7.8	8.0	8.2	8.6	8.5	8.7	9.0	9.3	9.1	9.3	9.6	10.0	9.7	9.9	10.2	10.6	10.2	10.5	10.9	11.3
		HI PR	153	165	174	181	172	185	195	203	195	210	222	231	222	239	253	263	250	269	284	296	276	297	314	327
		LO PR	63	67	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	94	78	83	91	97
	744	MBh	21.5	21.9	22.9	24.5	20.9	21.3	22.3	23.8	20.5	20.9	21.9	23.3	19.9	20.3	21.2	22.7	18.9	19.3	20.2	21.5	17.5	17.8	18.7	19.9
		S/T	0.90	0.87	0.78	0.63	0.93	0.90	0.81	0.66	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.90	0.73
		Delta T	24	23	22	19	24	24	22	19	24	24	22	19	24	24	23	20	23	24	22	19	22	22	21	18
		KW	1.95	1.99	2.05	2.11	2.09	2.14	2.20	2.28	2.22	2.27	2.34	2.42	2.34	2.39	2.46	2.55	2.43	2.49	2.57	2.65	2.52	2.57	2.66	2.75
		AMPS	7.0	7.2	7.4	7.7	7.6	7.7	8.0	8.3	8.2	8.4	8.7	9.0	8.8	9.0	9.3	9.7	9.4	9.6	9.9	10.3	9.9	10.2	10.5	11.0
		HI PR	148	160	169	176	166	179	189	197	189	204	215	224	216	232	245	255	242	261	276	287	268	288	304	318
		LO PR	61	65	71	75	64	68	74	79	67	71	77	82	70	74	81	87	73	78	85	91	76	81	88	94

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA24C2C

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA30C2A/ CCA30F*A

IDB*			Airflow			Outdoor Ambient Temperature																							
						65				75				85				95				105				115			
						Entering Indoor Wet Bulb Temperature																							
						59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1125	MBh	29.0	30.1	33.0	-	28.3	29.4	32.2	-	27.7	28.7	31.4	-	27.0	28.0	30.7	-	25.6	26.6	29.1	-	23.8	24.6	27.0	-			
		S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-			
		Delta T	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-			
		KW	2.52	2.57	2.65	-	2.71	2.76	2.85	-	2.87	2.93	3.03	-	3.02	3.09	3.19	-	3.15	3.21	3.32	-	3.25	3.32	3.43	-			
		AMPS	9.1	9.3	9.6	-	9.9	10.1	10.4	-	10.7	11.0	11.3	-	11.5	11.7	12.1	-	12.2	12.5	12.9	-	12.9	13.3	13.7	-			
		HI PR	167	179	189	-	187	201	212	-	213	229	242	-	242	261	275	-	272	293	310	-	301	324	342	-			
		LO PR	60	64	70	-	64	68	74	-	66	71	77	-	70	74	81	-	73	78	85	-	76	80	88	-			
	1000	MBh	28.2	29.2	32.0	-	27.5	28.5	31.3	-	26.9	27.8	30.5	-	26.2	27.2	29.8	-	24.9	25.8	28.3	-	23.1	23.9	26.2	-			
		S/T	0.69	0.58	0.40	-	0.72	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.79	0.66	0.46	-			
		Delta T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-			
		KW	2.50	2.55	2.63	-	2.69	2.74	2.83	-	2.85	2.91	3.00	-	3.00	3.06	3.16	-	3.12	3.19	3.29	-	3.23	3.30	3.41	-			
		AMPS	9.0	9.2	9.6	-	9.8	10.0	10.3	-	10.6	10.9	11.2	-	11.4	11.6	12.0	-	12.1	12.4	12.8	-	12.8	13.1	13.6	-			
		HI PR	165	178	187	-	185	199	210	-	210	227	239	-	240	258	272	-	270	290	306	-	298	321	339	-			
		LO PR	60	64	70	-	63	67	73	-	66	70	76	-	69	73	80	-	72	77	84	-	75	80	87	-			
	875	MBh	26.0	27.0	29.5	-	25.4	26.3	28.8	-	24.8	25.7	28.2	-	24.2	25.1	27.5	-	23.0	23.8	26.1	-	21.3	22.1	24.2	-			
		S/T	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.76	0.64	0.44	-			
		Delta T	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-			
		KW	2.44	2.49	2.57	-	2.62	2.68	2.76	-	2.78	2.84	2.93	-	2.92	2.99	3.08	-	3.04	3.11	3.21	-	3.15	3.22	3.32	-			
		AMPS	8.8	9.0	9.3	-	9.5	9.7	10.1	-	10.3	10.6	10.9	-	11.0	11.3	11.7	-	11.7	12.0	12.4	-	12.5	12.8	13.2	-			
		HI PR	160	172	182	-	180	193	204	-	204	220	232	-	233	250	264	-	262	282	297	-	289	311	328	-			
		LO PR	58	62	67	-	61	65	71	-	64	68	74	-	67	71	78	-	70	75	81	-	73	77	84	-			

75	1125	MBh	29.5	30.4	32.9	35.3	28.8	29.7	32.1	34.5	28.1	29.0	31.4	33.7	27.5	28.3	30.6	32.8	26.1	26.9	29.1	31.2	24.2	24.9	26.9	28.9
		S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.95	0.85	0.64	0.41
		Delta T	20	18	15	10	20	19	15	10	20	19	15	10	20	19	15	11	20	18	15	10	19	17	14	10
		KW	2.54	2.59	2.67	2.75	2.73	2.79	2.87	2.97	2.90	2.96	3.05	3.15	3.05	3.11	3.21	3.32	3.17	3.24	3.35	3.46	3.28	3.35	3.46	3.58
		AMPS	9.2	9.4	9.7	10.1	9.9	10.2	10.5	10.9	10.8	11.1	11.5	11.9	11.6	11.8	12.2	12.7	12.3	12.6	13.0	13.5	13.1	13.4	13.8	14.4
		HI PR	168	181	191	199	189	203	215	224	215	231	244	255	245	263	278	290	275	296	313	326	304	327	346	360
		LO PR	61	65	71	76	65	69	75	80	67	71	78	83	70	75	82	87	74	79	86	91	76	81	89	94
	1000	MBh	28.7	29.5	31.9	34.3	28.0	28.8	31.2	33.5	27.3	28.1	30.5	32.7	26.7	27.4	29.7	31.9	25.3	26.1	28.2	30.3	23.5	24.2	26.1	28.1
		S/T	0.79	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.38	0.89	0.80	0.61	0.39	0.90	0.81	0.61	0.39
		Delta T	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
		KW	2.52	2.57	2.65	2.73	2.71	2.76	2.85	2.94	2.87	2.94	3.03	3.13	3.02	3.09	3.19	3.29	3.15	3.21	3.32	3.43	3.25	3.33	3.43	3.55
		AMPS	9.1	9.3	9.6	10.0	9.9	10.1	10.4	10.8	10.7	11.0	11.3	11.8	11.5	11.7	12.1	12.6	12.2	12.5	12.9	13.4	12.9	13.3	13.7	14.2
		HI PR	167	179	189	197	187	201	212	222	213	229	242	252	242	261	275	287	272	293	310	323	301	324	342	357
		LO PR	60	64	70	75	64	68	74	79	66	71	77	82	70	74	81	86	73	78	85	90	76	80	88	93
	875	MBh	26.4	27.2	29.5	31.6	25.8	26.6	28.8	30.9	25.2	26.0	28.1	30.2	24.6	25.3	27.4	29.4	23.4	24.1	26.0	28.0	21.7	22.3	24.1	25.9
		S/T	0.76	0.68	0.51	0.33	0.78	0.70	0.53	0.34	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.87	0.78	0.59	0.38
		Delta T	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10
		KW	2.46	2.51	2.59	2.67	2.64	2.70	2.78	2.87	2.80	2.86	2.95	3.05	2.95	3.01	3.11	3.21	3.07	3.14	3.24	3.34	3.17	3.24	3.35	3.46
		AMPS	8.9	9.1	9.4	9.7	9.6	9.8	10.1	10.5	10.4	10.7	11.0	11.4	11.1	11.4	11.8	12.2	11.9	12.2	12.6	13.0	12.6	12.9	13.3	13.8
		HI PR	162	174	184	192	181	195	206	215	206	222	234	244	235	253	267	278	264	284	300	313	292	314	332	346
		LO PR	59	62	68	73	62	66	72	77	64	69	75	80	68	72	79	84	71	75	82	88	73	78	85	91

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA30C2A

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA30C2A/ CCA30F*A

IDB* Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1125	MBh	30.0	30.7	32.8	35.1	29.3	30.0	32.0	34.2	28.6	29.3	31.3	33.4	27.9	28.6	30.5	32.6	26.5	27.1	29.0	31.0	24.6	25.1	26.8	28.7
		S/T	0.90	0.85	0.69	0.52	0.94	0.88	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.96	0.78	0.59	1.00	1.00	0.79	0.59
		Delta T	22	21	18	15	22	22	19	15	22	22	19	15	23	22	19	15	22	21	19	15	20	21	17	14
		KW	2.56	2.61	2.69	2.78	2.75	2.81	2.90	2.99	2.92	2.98	3.08	3.18	3.07	3.14	3.24	3.35	3.20	3.27	3.37	3.49	3.31	3.38	3.49	3.61
		AMPS	9.3	9.5	9.8	10.2	10.0	10.3	10.6	11.0	10.9	11.2	11.6	12.0	11.7	12.0	12.4	12.8	12.4	12.7	13.2	13.7	13.2	13.5	14.0	14.5
		HI PR	170	183	193	201	191	205	217	226	217	233	247	257	247	266	281	293	278	299	316	329	307	331	349	364
		LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	95
	1000	MBh	29.2	29.8	31.8	34.0	28.5	29.1	31.1	33.2	27.8	28.4	30.4	32.5	27.1	27.7	29.6	31.7	25.8	26.3	28.1	30.1	23.9	24.4	26.1	27.9
		S/T	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.75	0.56
		Delta T	23	22	19	15	23	22	19	16	23	22	19	16	24	23	20	16	23	22	19	15	22	21	18	14
		KW	2.54	2.59	2.67	2.75	2.73	2.79	2.87	2.97	2.90	2.96	3.05	3.15	3.05	3.11	3.21	3.32	3.17	3.24	3.35	3.46	3.28	3.35	3.46	3.58
		AMPS	9.2	9.4	9.7	10.1	9.9	10.2	10.5	10.9	10.8	11.1	11.5	11.9	11.6	11.9	12.3	12.7	12.3	12.6	13.0	13.5	13.1	13.4	13.8	14.4
		HI PR	168	181	191	199	189	203	215	224	215	231	244	255	245	263	278	290	275	296	313	326	304	327	346	360
		LO PR	61	65	71	76	65	69	75	80	67	71	78	83	70	75	82	87	74	79	86	91	76	81	89	94
	875	MBh	26.9	27.5	29.4	31.4	26.3	26.9	28.7	30.7	25.7	26.2	28.0	30.0	25.0	25.6	27.3	29.2	23.8	24.3	26.0	27.8	22.0	22.5	24.1	25.7
		S/T	0.83	0.78	0.63	0.47	0.86	0.81	0.66	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.70	0.52	0.95	0.89	0.72	0.54	0.95	0.89	0.73	0.54
		Delta T	23	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15
		KW	2.48	2.53	2.61	2.69	2.66	2.72	2.80	2.89	2.83	2.89	2.98	3.08	2.97	3.04	3.13	3.24	3.09	3.16	3.26	3.37	3.20	3.27	3.38	3.49
		AMPS	8.9	9.2	9.5	9.8	9.7	9.9	10.2	10.6	10.5	10.8	11.1	11.6	11.2	11.5	11.9	12.4	12.0	12.3	12.7	13.2	12.7	13.0	13.4	14.0
		HI PR	163	176	186	194	183	197	208	217	208	224	237	247	237	255	270	281	267	287	303	316	295	317	335	350
		LO PR	59	63	69	73	63	67	73	77	65	69	76	80	68	73	79	85	72	76	83	89	74	79	86	92

85	1125	MBh	30.6	31.2	32.6	34.8	29.9	30.4	31.9	34.0	29.1	29.7	31.1	33.2	28.4	29.0	30.4	32.4	27.0	27.5	28.8	30.8	25.0	25.5	26.7	28.5
		S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77
		Delta T	24	23	22	19	24	24	22	19	24	24	22	19	23	24	22	19	22	23	22	19	20	21	21	18
		KW	2.58	2.63	2.71	2.80	2.77	2.83	2.92	3.01	2.94	3.01	3.10	3.20	3.10	3.16	3.27	3.37	3.22	3.29	3.40	3.52	3.34	3.41	3.52	3.64
		AMPS	9.4	9.6	9.9	10.3	10.1	10.4	10.7	11.1	11.0	11.3	11.7	12.1	11.8	12.1	12.5	13.0	12.5	12.9	13.3	13.8	13.3	13.6	14.1	14.6
		HI PR	172	185	195	203	193	207	219	228	219	236	249	260	250	269	284	296	281	302	319	333	310	334	352	368
		LO PR	62	66	72	77	66	70	76	81	68	73	79	85	72	76	83	89	75	80	87	93	78	83	90	96
	1000	MBh	29.7	30.2	31.7	33.8	29.0	29.5	30.9	33.0	28.3	28.8	30.2	32.2	27.6	28.1	29.5	31.4	26.2	26.7	28.0	29.9	24.3	24.8	25.9	27.7
		S/T	0.90	0.87	0.79	0.64	0.94	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.89	0.73	1.00	1.00	0.90	0.73
		Delta T	25	24	23	20	25	25	23	20	25	25	23	20	25	25	23	20	24	24	23	20	22	23	22	19
		KW	2.56	2.61	2.69	2.78	2.75	2.81	2.90	2.99	2.92	2.98	3.08	3.18	3.07	3.14	3.24	3.35	3.20	3.27	3.37	3.49	3.31	3.38	3.49	3.61
		AMPS	9.3	9.5	9.8	10.2	10.0	10.3	10.6	11.0	10.9	11.2	11.6	12.0	11.7	12.0	12.4	12.8	12.4	12.7	13.2	13.7	13.2	13.5	14.0	14.5
		HI PR	170	183	193	201	191	205	217	226	217	233	247	257	247	266	281	293	278	299	316	329	307	331	349	364
		LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	95
	875	MBh	27.4	27.9	29.2	31.2	26.8	27.3	28.6	30.5	26.1	26.6	27.9	29.7	25.5	26.0	27.2	29.0	24.2	24.7	25.8	27.6	22.4	22.9	23.9	25.5
		S/T	0.87	0.84	0.76	0.61	0.90	0.87	0.79	0.64	0.93	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.99	0.96	0.86	0.70	1.00	0.96	0.87	0.71
		Delta T	25	25	23	20	25	25	24	20	25	25	24	20	26	25	24	21	25	25	23	20	24	23	22	19
		KW	2.50	2.55	2.63	2.71	2.69	2.74	2.83	2.92	2.85	2.91	3.00	3.10	3.00	3.06	3.16	3.26	3.12	3.19	3.29	3.40	3.23	3.30	3.40	3.52
		AMPS	9.0	9.2	9.6	9.9	9.8	10.0	10.3	10.7	10.6	10.9	11.2	11.7	11.3	11.6	12.0	12.5	12.1	12.4	12.8	13.3	12.8	13.1	13.6	14.1
		HI PR	165	177	187	195	185	199	210	219	210	226	239	249	240	258	272	284	270	290	306	320	298	321	339	353
		LO PR	60	64	69	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	89	75	80	87	93

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA30C2A

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA30C2B/ CCA30F*C

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1215	MBh	27.6	28.6	31.4	-	27.0	28.0	30.7	-	26.3	27.3	29.9	-	25.7	26.6	29.2	-	24.4	25.3	27.7	-	22.6	23.4	25.7	-
		S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.70	0.48	-	0.84	0.70	0.49	-
		Delta T	15	13	10	-	16	13	10	-	16	13	10	-	16	14	10	-	15	13	10	-	14	12	9	-
		KW	2.53	2.59	2.66	-	2.72	2.77	2.86	-	2.88	2.94	3.03	-	3.02	3.09	3.19	-	3.15	3.21	3.32	-	3.25	3.32	3.43	-
		AMPS	9.5	9.7	10.1	-	10.3	10.6	10.9	-	11.2	11.5	11.9	-	12.0	12.3	12.7	-	12.8	13.1	13.5	-	13.5	13.9	14.4	-
		HI PR	159	171	180	-	178	192	202	-	203	218	230	-	231	248	262	-	260	279	295	-	287	309	326	-
		LO PR	60	64	70	-	63	67	74	-	66	70	77	-	69	74	80	-	73	77	84	-	75	80	87	-
	1080	MBh	26.8	27.8	30.5	-	26.2	27.2	29.8	-	25.6	26.5	29.0	-	25.0	25.9	28.3	-	23.7	24.6	26.9	-	22.0	22.8	24.9	-
		S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.66	0.46	-	0.80	0.67	0.46	-
		Delta T	16	14	10	-	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	15	13	10	-
		KW	2.52	2.57	2.64	-	2.70	2.75	2.84	-	2.86	2.92	3.01	-	3.00	3.06	3.16	-	3.12	3.19	3.29	-	3.23	3.30	3.40	-
		AMPS	9.4	9.7	10.0	-	10.2	10.5	10.8	-	11.1	11.4	11.8	-	11.9	12.2	12.6	-	12.7	13.0	13.4	-	13.4	13.8	14.2	-
		HI PR	157	169	179	-	176	190	200	-	201	216	228	-	229	246	260	-	257	277	292	-	284	306	323	-
		LO PR	59	63	69	-	63	67	73	-	65	69	76	-	69	73	80	-	72	76	83	-	74	79	86	-
	945	MBh	24.8	25.7	28.1	-	24.2	25.1	27.5	-	23.6	24.5	26.8	-	23.0	23.9	26.2	-	21.9	22.7	24.9	-	20.3	21.0	23.0	-
		S/T	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.72	0.60	0.41	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.77	0.65	0.45	-
		Delta T	16	14	11	-	16	14	11	-	16	14	11	-	17	14	11	-	16	14	11	-	15	13	10	-
		KW	2.46	2.51	2.58	-	2.64	2.69	2.77	-	2.79	2.85	2.94	-	2.93	2.99	3.08	-	3.05	3.11	3.21	-	3.15	3.22	3.32	-
		AMPS	9.2	9.4	9.7	-	9.9	10.2	10.5	-	10.8	11.1	11.4	-	11.5	11.8	12.2	-	12.3	12.6	13.0	-	13.0	13.4	13.8	-
		HI PR	153	164	173	-	171	184	194	-	195	209	221	-	222	239	252	-	249	268	283	-	276	297	313	-
		LO PR	58	61	67	-	61	65	71	-	63	67	73	-	66	71	77	-	70	74	81	-	72	77	84	-

75	1215	MBh	28.1	28.9	31.3	33.6	27.4	28.3	30.6	32.8	26.8	27.6	29.9	32.0	26.1	26.9	29.1	31.3	24.8	25.6	27.7	29.7	23.0	23.7	25.6	27.5
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.88	0.79	0.60	0.39	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.85	0.65	0.42
		Delta T	18	16	13	9	18	17	14	9	18	17	14	9	18	17	14	9	18	16	13	9	17	15	13	9
		KW	2.55	2.61	2.68	2.77	2.74	2.80	2.88	2.97	2.90	2.96	3.06	3.15	3.05	3.11	3.21	3.31	3.17	3.24	3.34	3.45	3.28	3.35	3.46	3.57
		AMPS	9.6	9.8	10.2	10.6	10.4	10.7	11.0	11.4	11.3	11.6	12.0	12.4	12.1	12.4	12.8	13.3	12.9	13.2	13.7	14.2	13.7	14.0	14.5	15.1
		HI PR	160	173	182	190	180	194	205	213	205	220	233	243	233	251	265	276	262	282	298	311	290	312	329	344
		LO PR	61	64	70	75	64	68	74	79	67	71	77	82	70	74	81	86	73	78	85	91	76	81	88	94
	1080	MBh	27.3	28.1	30.4	32.6	26.6	27.4	29.7	31.9	26.0	26.8	29.0	31.1	25.4	26.1	28.3	30.4	24.1	24.8	26.9	28.8	22.3	23.0	24.9	26.7
		S/T	0.79	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.82	0.62	0.40
		Delta T	18	17	14	10	19	17	14	10	19	17	14	10	19	17	14	10	19	17	14	10	17	16	13	9
		KW	2.53	2.59	2.66	2.74	2.72	2.77	2.86	2.95	2.88	2.94	3.03	3.13	3.03	3.09	3.19	3.29	3.15	3.21	3.32	3.42	3.25	3.32	3.43	3.54
		AMPS	9.5	9.7	10.1	10.5	10.3	10.6	10.9	11.3	11.2	11.5	11.9	12.3	12.0	12.3	12.7	13.2	12.8	13.1	13.5	14.1	13.6	13.9	14.4	14.9
		HI PR	159	171	180	188	178	192	203	211	203	218	230	240	231	248	262	274	260	280	295	308	287	309	326	340
		LO PR	60	64	70	74	63	67	74	78	66	70	77	82	69	74	80	86	73	77	84	90	75	80	87	93
	945	MBh	25.2	25.9	28.1	30.1	24.6	25.3	27.4	29.4	24.0	24.7	26.8	28.7	23.4	24.1	26.1	28.0	22.3	22.9	24.8	26.6	20.6	21.2	23.0	24.7
		S/T	0.77	0.68	0.52	0.33	0.79	0.71	0.54	0.35	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.88	0.79	0.59	0.38
		Delta T	19	17	14	10	19	17	14	10	19	18	14	10	19	18	14	10	19	17	14	10	18	16	13	9
		KW	2.48	2.53	2.60	2.68	2.66	2.71	2.79	2.88	2.81	2.87	2.96	3.05	2.95	3.02	3.11	3.21	3.07	3.14	3.24	3.34	3.17	3.24	3.34	3.45
		AMPS	9.3	9.5	9.8	10.2	10.0	10.3	10.6	11.0	10.9	11.2	11.5	12.0	11.7	11.9	12.4	12.8	12.4	12.7	13.2	13.7	13.2	13.5	14.0	14.5
		HI PR	154	166	175	183	173	186	196	205	197	212	223	233	224	241	254	265	252	271	286	299	278	300	316	330
		LO PR	58	62	68	72	61	65	71	76	64	68	74	79	67	71	78	83	70	75	82	87	73	77	85	90

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA30C2B

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA30C2B/ CCA30F*C

IDB* Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1215	MBh	28.6	29.2	31.2	33.4	27.9	28.5	30.5	32.6	27.3	27.9	29.8	31.8	26.6	27.2	29.0	31.1	25.3	25.8	27.6	29.5	23.4	23.9	25.6	27.3
		S/T	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.80	0.60
		Delta T	20	19	16	13	20	19	17	13	20	19	17	13	20	19	17	13	19	20	17	13	18	18	15	12
		KW	2.57	2.63	2.70	2.79	2.76	2.82	2.90	3.00	2.93	2.99	3.08	3.18	3.07	3.14	3.24	3.34	3.20	3.27	3.37	3.48	3.31	3.38	3.49	3.60
		AMPS	9.7	9.9	10.3	10.6	10.5	10.8	11.1	11.5	11.4	11.7	12.1	12.6	12.2	12.5	13.0	13.4	13.0	13.3	13.8	14.3	13.8	14.2	14.6	15.2
		HI PR	162	174	184	192	182	196	207	216	207	223	235	245	236	253	268	279	265	285	301	314	293	315	333	347
		LO PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	87	74	79	86	92	77	81	89	95
	1080	MBh	27.8	28.4	30.3	32.4	27.1	27.7	29.6	31.7	26.5	27.1	28.9	30.9	25.8	26.4	28.2	30.1	24.5	25.1	26.8	28.6	22.7	23.2	24.8	26.5
		S/T	0.87	0.82	0.66	0.50	0.90	0.85	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.54	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57
		Delta T	21	20	17	14	21	20	17	14	21	20	17	14	21	20	18	14	21	20	17	14	19	19	16	13
		KW	2.55	2.61	2.68	2.77	2.74	2.80	2.88	2.97	2.90	2.97	3.06	3.15	3.05	3.11	3.21	3.32	3.17	3.24	3.34	3.45	3.28	3.35	3.46	3.57
		AMPS	9.6	9.8	10.2	10.6	10.4	10.7	11.0	11.4	11.3	11.6	12.0	12.4	12.1	12.4	12.8	13.3	12.9	13.2	13.7	14.2	13.7	14.0	14.5	15.1
		HI PR	160	173	182	190	180	194	205	213	205	220	233	243	233	251	265	276	262	282	298	311	290	312	329	344
		LO PR	61	64	70	75	64	68	74	79	67	71	77	82	70	74	81	86	73	78	85	91	76	81	88	94
	945	MBh	25.6	26.2	28.0	29.9	25.0	25.6	27.3	29.2	24.4	25.0	26.7	28.5	23.8	24.4	26.0	27.8	22.7	23.1	24.7	26.4	21.0	21.4	22.9	24.5
		S/T	0.84	0.79	0.64	0.48	0.87	0.82	0.66	0.50	0.89	0.84	0.68	0.51	0.92	0.86	0.70	0.53	0.96	0.90	0.73	0.55	0.96	0.90	0.74	0.55
		Delta T	21	20	17	14	21	20	18	14	21	20	18	14	21	20	18	14	21	20	18	14	20	19	16	13
		KW	2.50	2.55	2.62	2.70	2.68	2.73	2.81	2.90	2.84	2.90	2.98	3.08	2.98	3.04	3.13	3.23	3.10	3.16	3.26	3.37	3.20	3.27	3.37	3.48
		AMPS	9.3	9.6	9.9	10.3	10.1	10.4	10.7	11.1	11.0	11.3	11.7	12.1	11.8	12.1	12.5	12.9	12.5	12.8	13.3	13.8	13.3	13.6	14.1	14.6
		HI PR	156	167	177	184	175	188	198	207	199	214	226	235	226	243	257	268	254	274	289	302	281	303	320	333
		LO PR	59	63	68	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	85	91

85	1215	MBh	29.1	29.7	31.1	33.1	28.4	29.0	30.3	32.4	27.7	28.3	29.6	31.6	27.1	27.6	28.9	30.8	25.7	26.2	27.5	29.3	23.8	24.3	25.4	27.1
		S/T	0.96	0.92	0.83	0.68	0.99	0.96	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78
		Delta T	21	21	20	17	21	21	20	17	21	21	20	17	20	21	20	17	19	20	20	17	18	18	18	16
		KW	2.59	2.65	2.72	2.81	2.78	2.84	2.93	3.02	2.95	3.01	3.11	3.20	3.10	3.16	3.26	3.37	3.22	3.29	3.40	3.51	3.33	3.40	3.51	3.63
		AMPS	9.8	10.0	10.4	10.7	10.6	10.9	11.2	11.6	11.5	11.8	12.2	12.7	12.3	12.6	13.1	13.6	13.1	13.5	13.9	14.5	13.9	14.3	14.8	15.4
		HI PR	164	176	186	194	184	198	209	218	209	225	237	248	238	256	270	282	268	288	304	317	296	318	336	350
		LO PR	62	66	72	76	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	92	77	82	90	96
	1080	MBh	28.3	28.8	30.2	32.2	27.6	28.1	29.5	31.4	26.9	27.5	28.8	30.7	26.3	26.8	28.1	29.9	25.0	25.5	26.7	28.4	23.1	23.6	24.7	26.3
		S/T	0.91	0.88	0.79	0.64	0.95	0.91	0.82	0.67	0.97	0.94	0.84	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.73	1.00	1.00	0.91	0.74
		Delta T	22	22	20	18	22	22	21	18	22	22	21	18	22	22	21	18	21	22	21	18	20	20	19	17
		KW	2.57	2.63	2.70	2.79	2.76	2.82	2.90	3.00	2.93	2.99	3.08	3.18	3.07	3.14	3.24	3.34	3.20	3.27	3.37	3.48	3.31	3.38	3.49	3.60
		AMPS	9.7	9.9	10.3	10.6	10.5	10.8	11.1	11.5	11.4	11.7	12.1	12.6	12.2	12.5	13.0	13.4	13.0	13.3	13.8	14.3	13.8	14.2	14.6	15.2
		HI PR	162	174	184	192	182	196	207	216	207	223	235	245	236	253	268	279	265	285	301	314	293	315	333	347
		LO PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	87	74	79	86	92	77	81	89	95
	945	MBh	26.1	26.6	27.8	29.7	25.5	26.0	27.2	29.0	24.9	25.3	26.5	28.3	24.3	24.7	25.9	27.6	23.0	23.5	24.6	26.2	21.3	21.8	22.8	24.3
		S/T	0.88	0.85	0.77	0.62	0.91	0.88	0.79	0.64	0.94	0.90	0.81	0.66	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.98	0.88	0.71
		Delta T	22	22	21	18	23	22	21	18	23	22	21	18	23	22	21	18	22	22	21	18	21	21	20	17
		KW	2.52	2.57	2.64	2.72	2.70	2.75	2.84	2.92	2.86	2.92	3.01	3.10	3.00	3.06	3.16	3.26	3.12	3.19	3.29	3.39	3.23	3.29	3.40	3.51
		AMPS	9.4	9.7	10.0	10.4	10.2	10.5	10.8	11.2	11.1	11.4	11.8	12.2	11.9	12.2	12.6	13.1	12.7	13.0	13.4	13.9	13.4	13.8	14.2	14.8
		HI PR	157	169	179	186	176	190	200	209	201	216	228	238	228	246	260	271	257	277	292	305	284	306	323	337
		LO PR	59	63	69	73	63	67	73	78	65	69	76	81	68	73	80	85	72	76	83	89	74	79	86	92

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA30C2B

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA30C2C/ CA*F030C2*

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1215	MBh	27.8	28.8	31.5	-	27.0	28.0	30.7	-	26.5	27.4	30.1	-	25.7	26.6	29.2	-	24.4	25.3	27.7	-	22.6	23.4	25.7	-
		S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.84	0.70	0.48	-	0.84	0.70	0.49	-
		Delta T	15	13	10	-	15	13	10	-	15	13	10	-	16	14	10	-	15	13	10	-	14	12	9	-
		KW	2.34	2.39	2.47	-	2.52	2.58	2.66	-	2.68	2.74	2.84	-	2.83	2.89	2.99	-	2.95	3.02	3.12	-	3.06	3.12	3.23	-
		AMPS	9.3	9.5	9.9	-	10.1	10.3	10.7	-	11.0	11.3	11.7	-	11.8	12.1	12.5	-	12.6	12.9	13.3	-	13.3	13.7	14.2	-
		HI PR	159	171	180	-	178	192	202	-	203	218	230	-	231	248	262	-	260	279	295	-	287	309	326	-
		LO PR	60	64	70	-	63	67	74	-	66	70	77	-	69	74	80	-	73	77	84	-	75	80	87	-
	1080	MBh	27.0	27.9	30.6	-	26.2	27.2	29.8	-	25.7	26.6	29.2	-	25.0	25.9	28.3	-	23.7	24.6	26.9	-	22.0	22.8	24.9	-
		S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.67	0.46	-	0.80	0.67	0.46	-
		Delta T	16	14	10	-	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	15	13	10	-
		KW	2.32	2.37	2.45	-	2.50	2.56	2.64	-	2.66	2.72	2.81	-	2.80	2.87	2.96	-	2.92	2.99	3.09	-	3.03	3.10	3.20	-
		AMPS	9.2	9.4	9.8	-	10.0	10.2	10.6	-	10.9	11.2	11.6	-	11.7	12.0	12.4	-	12.4	12.8	13.2	-	13.2	13.5	14.0	-
		HI PR	157	169	179	-	176	190	200	-	201	216	228	-	229	246	260	-	257	277	292	-	284	306	323	-
		LO PR	59	63	69	-	63	67	73	-	65	69	76	-	69	73	80	-	72	76	83	-	74	79	86	-
	945	MBh	24.8	25.7	28.2	-	24.1	25.0	27.4	-	23.6	24.5	26.9	-	23.0	23.8	26.1	-	21.8	22.6	24.8	-	20.2	20.9	22.9	-
		S/T	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.77	0.65	0.45	-	0.77	0.65	0.45	-
		Delta T	16	14	11	-	16	14	11	-	16	14	11	-	17	14	11	-	16	14	11	-	15	13	10	-
		KW	2.26	2.31	2.39	-	2.44	2.49	2.57	-	2.60	2.65	2.74	-	2.73	2.79	2.89	-	2.85	2.91	3.01	-	2.95	3.02	3.12	-
		AMPS	9.0	9.2	9.5	-	9.7	10.0	10.3	-	10.6	10.9	11.2	-	11.3	11.6	12.0	-	12.1	12.4	12.8	-	12.8	13.2	13.6	-
		HI PR	153	164	173	-	171	184	194	-	195	209	221	-	222	239	252	-	249	268	283	-	276	297	313	-
		LO PR	58	61	67	-	61	65	71	-	63	67	73	-	66	71	77	-	70	74	81	-	72	77	84	-

75	1215	MBh	28.2	29.1	31.5	33.8	27.4	28.3	30.6	32.8	26.9	27.7	30.0	32.2	26.1	26.9	29.1	31.3	24.8	25.6	27.7	29.7	23.0	23.7	25.6	27.5
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.88	0.78	0.59	0.38	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.95	0.85	0.65	0.42
		Delta T	18	16	13	9	18	16	13	9	18	16	13	9	18	17	14	9	18	16	13	9	17	15	13	9
		KW	2.36	2.41	2.49	2.57	2.54	2.60	2.68	2.77	2.71	2.77	2.86	2.96	2.85	2.92	3.01	3.12	2.98	3.04	3.15	3.25	3.08	3.15	3.26	3.37
		AMPS	9.4	9.6	10.0	10.3	10.2	10.4	10.8	11.2	11.1	11.4	11.8	12.2	11.9	12.2	12.6	13.1	12.7	13.0	13.5	14.0	13.5	13.8	14.3	14.9
		HI PR	160	173	182	190	180	194	205	213	205	220	233	243	233	251	265	276	262	282	298	311	290	312	329	344
		LO PR	61	64	70	75	64	68	74	79	67	71	77	82	70	74	81	86	73	78	85	91	76	81	88	94
	1080	MBh	27.4	28.2	30.5	32.8	26.6	27.4	29.7	31.9	26.1	26.9	29.1	31.3	25.4	26.1	28.3	30.3	24.1	24.8	26.9	28.8	22.3	23.0	24.9	26.7
		S/T	0.79	0.71	0.53	0.34	0.82	0.73	0.56	0.36	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.91	0.81	0.61	0.40	0.91	0.81	0.62	0.40
		Delta T	18	17	14	10	19	17	14	10	19	17	14	10	19	17	14	10	19	17	14	10	17	16	13	9
		KW	2.34	2.39	2.47	2.55	2.52	2.58	2.66	2.75	2.68	2.74	2.84	2.93	2.83	2.89	2.99	3.09	2.95	3.02	3.12	3.23	3.06	3.13	3.23	3.34
		AMPS	9.3	9.5	9.9	10.2	10.1	10.3	10.7	11.1	11.0	11.3	11.7	12.1	11.8	12.1	12.5	13.0	12.6	12.9	13.3	13.9	13.3	13.7	14.2	14.7
		HI PR	159	171	180	188	178	192	203	211	203	218	230	240	231	248	262	274	260	280	295	308	287	309	326	340
		LO PR	60	64	70	74	63	67	74	78	66	70	77	82	69	74	80	86	73	77	84	90	75	80	87	93
	945	MBh	25.2	26.0	28.1	30.1	24.5	25.3	27.3	29.3	24.1	24.8	26.8	28.8	23.3	24.1	26.0	27.9	22.2	22.8	24.7	26.5	20.5	21.2	22.9	24.6
		S/T	0.76	0.68	0.52	0.33	0.79	0.71	0.54	0.35	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.37	0.88	0.79	0.59	0.38	0.88	0.79	0.60	0.38
		Delta T	19	17	14	10	19	17	14	10	19	17	14	10	19	18	14	10	19	17	14	10	18	16	13	9
		KW	2.28	2.33	2.40	2.48	2.46	2.51	2.60	2.68	2.62	2.68	2.76	2.86	2.76	2.82	2.91	3.01	2.87	2.94	3.04	3.14	2.98	3.04	3.15	3.26
		AMPS	9.0	9.3	9.6	10.0	9.8	10.1	10.4	10.8	10.7	11.0	11.3	11.8	11.4	11.7	12.1	12.6	12.2	12.5	13.0	13.5	13.0	13.3	13.8	14.3
		HI PR	154	166	175	183	173	186	196	205	197	212	223	233	224	241	254	265	252	271	286	299	278	300	316	330
		LO PR	58	62	68	72	61	65	71	76	64	68	74	79	67	71	78	83	70	75	82	87	73	77	85	90

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA30C2C

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA30C2C/ CA*F030C2*

IDB* Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1215	MBh	28.7	29.4	31.4	33.5	27.9	28.5	30.5	32.6	27.4	28.0	29.9	32.0	26.6	27.2	29.0	31.1	25.3	25.8	27.6	29.5	23.4	23.9	25.6	27.3
		S/T	0.91	0.85	0.69	0.52	0.94	0.89	0.72	0.54	0.96	0.90	0.73	0.55	1.00	0.94	0.76	0.57	1.00	1.00	0.80	0.60	1.00	1.00	0.80	0.60
		Delta T	20	19	16	13	20	19	17	13	20	19	17	13	20	19	17	13	19	20	17	13	18	18	15	12
		KW	2.38	2.43	2.51	2.59	2.56	2.62	2.71	2.80	2.73	2.79	2.88	2.98	2.88	2.94	3.04	3.14	3.00	3.07	3.17	3.28	3.11	3.18	3.29	3.40
		AMPS	9.5	9.7	10.1	10.4	10.3	10.5	10.9	11.3	11.2	11.5	11.9	12.4	12.0	12.3	12.7	13.2	12.8	13.1	13.6	14.1	13.6	13.9	14.4	15.0
		HI PR	162	174	184	192	182	196	207	216	207	223	235	245	236	253	268	279	265	285	301	314	293	315	333	347
		LO PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	87	74	79	86	92	77	81	89	95
	1080	MBh	27.9	28.5	30.5	32.6	27.1	27.7	29.6	31.7	26.6	27.2	29.0	31.1	25.8	26.4	28.2	30.1	24.5	25.1	26.8	28.6	22.7	23.2	24.8	26.5
		S/T	0.87	0.81	0.66	0.49	0.90	0.84	0.69	0.51	0.92	0.86	0.70	0.52	0.96	0.90	0.73	0.54	1.00	0.93	0.76	0.57	1.00	0.94	0.76	0.57
		Delta T	21	20	17	14	21	20	17	14	21	20	17	14	21	20	18	14	21	20	17	14	19	19	16	13
		KW	2.36	2.41	2.49	2.57	2.54	2.60	2.68	2.77	2.71	2.77	2.86	2.96	2.85	2.92	3.02	3.12	2.98	3.04	3.15	3.25	3.08	3.15	3.26	3.37
		AMPS	9.4	9.6	10.0	10.3	10.2	10.4	10.8	11.2	11.1	11.4	11.8	12.2	11.9	12.2	12.6	13.1	12.7	13.0	13.5	14.0	13.5	13.8	14.3	14.9
		HI PR	160	173	182	190	180	194	205	213	205	220	233	243	233	251	265	276	262	282	298	311	290	312	329	344
		LO PR	61	64	70	75	64	68	74	79	67	71	77	82	70	74	81	86	73	78	85	91	76	81	88	94
	945	MBh	25.7	26.2	28.0	30.0	25.0	25.5	27.2	29.1	24.5	25.0	26.7	28.6	23.8	24.3	25.9	27.7	22.6	23.1	24.6	26.3	20.9	21.4	22.8	24.4
		S/T	0.84	0.79	0.64	0.48	0.87	0.82	0.67	0.50	0.89	0.83	0.68	0.51	0.92	0.87	0.71	0.53	0.96	0.90	0.74	0.55	0.97	0.91	0.74	0.55
		Delta T	21	20	17	14	21	20	18	14	21	20	18	14	21	20	18	14	21	20	18	14	20	19	16	13
		KW	2.30	2.35	2.42	2.50	2.48	2.53	2.62	2.70	2.64	2.70	2.79	2.88	2.78	2.84	2.94	3.04	2.90	2.97	3.07	3.17	3.00	3.07	3.18	3.28
		AMPS	9.1	9.4	9.7	10.0	9.9	10.1	10.5	10.9	10.8	11.1	11.4	11.9	11.6	11.8	12.3	12.7	12.3	12.6	13.1	13.6	13.1	13.4	13.9	14.4
		HI PR	156	167	177	184	175	188	198	207	199	214	226	235	226	243	257	268	254	274	289	302	281	303	320	333
		LO PR	59	63	68	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	85	91

85	1215	MBh	29.2	29.8	31.2	33.3	28.4	29.0	30.3	32.4	27.9	28.4	29.8	31.8	27.1	27.6	28.9	30.8	25.7	26.2	27.5	29.3	23.8	24.3	25.4	27.1
		S/T	0.95	0.92	0.83	0.67	0.99	0.96	0.86	0.70	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78
		Delta T	21	21	20	17	21	21	20	17	21	21	20	17	20	21	20	17	19	20	20	17	18	18	18	16
		KW	2.40	2.45	2.53	2.61	2.59	2.64	2.73	2.82	2.75	2.82	2.91	3.01	2.90	2.97	3.07	3.17	3.03	3.10	3.20	3.31	3.14	3.21	3.32	3.43
		AMPS	9.6	9.8	10.1	10.5	10.4	10.6	11.0	11.4	11.3	11.6	12.0	12.5	12.1	12.4	12.9	13.4	12.9	13.3	13.7	14.3	13.7	14.1	14.6	15.1
		HI PR	164	176	186	194	184	198	209	218	209	225	237	248	238	256	270	282	268	288	304	317	296	318	336	350
		LO PR	62	66	72	76	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	92	77	82	90	96
	1080	MBh	28.4	28.9	30.3	32.3	27.6	28.1	29.5	31.4	27.1	27.6	28.9	30.8	26.3	26.8	28.1	29.9	25.0	25.5	26.7	28.5	23.1	23.6	24.7	26.4
		S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.96	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.91	0.74
		Delta T	22	22	20	18	22	22	21	18	22	22	21	18	22	22	21	18	21	22	21	18	20	20	19	17
		KW	2.38	2.43	2.51	2.59	2.56	2.62	2.71	2.80	2.73	2.79	2.88	2.98	2.88	2.94	3.04	3.14	3.00	3.07	3.17	3.28	3.11	3.18	3.29	3.40
		AMPS	9.5	9.7	10.1	10.4	10.3	10.5	10.9	11.3	11.2	11.5	11.9	12.4	12.0	12.3	12.7	13.2	12.8	13.1	13.6	14.1	13.6	13.9	14.4	15.0
		HI PR	162	174	184	192	182	196	207	216	207	223	235	245	236	253	268	279	265	285	301	314	293	315	333	347
		LO PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	87	74	79	86	92	77	81	89	95
	945	MBh	26.1	26.6	27.9	29.8	25.4	25.9	27.1	28.9	24.9	25.4	26.6	28.4	24.2	24.6	25.8	27.6	23.0	23.4	24.5	26.2	21.3	21.7	22.7	24.2
		S/T	0.88	0.85	0.77	0.62	0.91	0.88	0.80	0.65	0.93	0.90	0.81	0.66	0.97	0.93	0.84	0.68	1.00	0.97	0.88	0.71	1.00	0.98	0.88	0.72
		Delta T	22	22	21	18	23	22	21	18	23	22	21	18	23	22	21	18	22	22	21	18	21	21	19	17
		KW	2.32	2.37	2.44	2.53	2.50	2.56	2.64	2.73	2.66	2.72	2.81	2.91	2.80	2.87	2.96	3.06	2.92	2.99	3.09	3.20	3.03	3.10	3.20	3.31
		AMPS	9.2	9.4	9.8	10.1	10.0	10.2	10.6	11.0	10.9	11.2	11.5	12.0	11.7	12.0	12.4	12.9	12.4	12.8	13.2	13.7	13.2	13.5	14.0	14.6
		HI PR	157	169	179	186	176	190	200	209	201	216	228	238	228	246	260	271	257	277	292	305	284	306	323	337
		LO PR	59	63	69	73	63	67	73	78	65	69	76	81	68	73	80	85	72	76	83	89	74	79	86	92

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA30C2C

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA36C2A/ CCA36F*C

IDB* Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1238	MBh	33.9	35.1	38.5	-	33.1	34.3	37.6	-	32.3	33.5	36.7	-	31.5	32.7	35.8	-	29.9	31.0	34.0	-	27.7	28.8	31.5	-
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-
		Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-
		KW	2.87	2.93	3.02	-	3.09	3.16	3.26	-	3.28	3.36	3.46	-	3.46	3.53	3.65	-	3.60	3.68	3.80	-	3.73	3.81	3.94	-
		AMPS	10.4	10.7	11.0	-	11.3	11.5	11.9	-	12.2	12.5	13.0	-	13.1	13.4	13.9	-	13.9	14.3	14.8	-	14.8	15.1	15.7	-
		HI PR	167	179	189	-	187	201	212	-	213	229	242	-	242	261	275	-	272	293	310	-	301	324	342	-
		LO PR	62	66	72	-	66	70	76	-	68	73	79	-	72	76	83	-	75	80	87	-	78	83	90	-
	1100	MBh	32.9	34.1	37.4	-	32.1	33.3	36.5	-	31.4	32.5	35.6	-	30.6	31.7	34.8	-	29.1	30.1	33.0	-	26.9	27.9	30.6	-
		S/T	0.71	0.59	0.41	-	0.73	0.61	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-
		Delta T	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
		KW	2.85	2.91	3.00	-	3.07	3.13	3.23	-	3.26	3.33	3.44	-	3.43	3.50	3.62	-	3.57	3.65	3.77	-	3.70	3.78	3.90	-
		AMPS	10.3	10.6	10.9	-	11.2	11.4	11.8	-	12.1	12.4	12.8	-	13.0	13.3	13.7	-	13.8	14.2	14.6	-	14.6	15.0	15.5	-
		HI PR	165	178	187	-	185	199	210	-	210	227	239	-	240	258	272	-	270	290	306	-	298	321	339	-
		LO PR	61	65	71	-	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	77	82	89	-
	963	MBh	30.4	31.5	34.5	-	29.7	30.7	33.7	-	29.0	30.0	32.9	-	28.3	29.3	32.1	-	26.8	27.8	30.5	-	24.9	25.8	28.2	-
		S/T	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.78	0.66	0.45	-
		Delta T	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-
		KW	2.78	2.84	2.93	-	2.99	3.06	3.15	-	3.18	3.25	3.35	-	3.34	3.42	3.53	-	3.48	3.56	3.68	-	3.60	3.68	3.80	-
		AMPS	10.0	10.3	10.6	-	10.9	11.1	11.5	-	11.8	12.1	12.5	-	12.6	12.9	13.4	-	13.4	13.8	14.2	-	14.2	14.6	15.1	-
		HI PR	160	172	182	-	180	193	204	-	204	220	232	-	233	250	264	-	262	282	297	-	289	311	328	-
		LO PR	60	63	69	-	63	67	73	-	65	70	76	-	69	73	80	-	72	77	84	-	75	79	87	-

75	1238	MBh	34.5	35.5	38.4	41.2	33.7	34.7	37.5	40.3	32.9	33.8	36.6	39.3	32.1	33.0	35.7	38.3	30.5	31.4	33.9	36.4	28.2	29.0	31.4	33.7
		S/T	0.84	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42
		Delta T	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	11	22	20	16	11	20	19	15	11
		KW	2.89	2.96	3.05	3.15	3.12	3.18	3.28	3.39	3.31	3.38	3.49	3.61	3.48	3.56	3.68	3.80	3.63	3.71	3.84	3.96	3.76	3.84	3.97	4.11
		AMPS	10.5	10.8	11.1	11.5	11.4	11.6	12.0	12.5	12.4	12.7	13.1	13.6	13.2	13.5	14.0	14.5	14.1	14.4	14.9	15.5	14.9	15.3	15.8	16.4
		HI PR	168	181	191	199	189	203	215	224	215	231	244	255	245	263	278	290	275	296	313	326	304	327	346	360
		LO PR	63	67	73	78	66	70	77	82	69	73	80	85	72	77	84	89	76	81	88	94	78	83	91	97
	1100	MBh	33.5	34.5	37.3	40.0	32.7	33.6	36.4	39.1	31.9	32.8	35.6	38.2	31.1	32.0	34.7	37.2	29.6	30.4	33.0	35.4	27.4	28.2	30.5	32.8
		S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40
		Delta T	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11
		KW	2.87	2.93	3.02	3.12	3.09	3.16	3.26	3.36	3.29	3.36	3.47	3.58	3.46	3.53	3.65	3.77	3.60	3.68	3.80	3.93	3.73	3.81	3.94	4.07
		AMPS	10.4	10.7	11.0	11.4	11.3	11.5	11.9	12.4	12.3	12.6	13.0	13.5	13.1	13.4	13.9	14.4	13.9	14.3	14.8	15.3	14.8	15.1	15.7	16.3
		HI PR	167	179	189	197	187	201	212	222	213	229	242	252	242	261	275	287	272	293	310	323	301	324	342	357
		LO PR	62	66	72	77	66	70	76	81	68	73	79	84	72	76	83	89	75	80	87	93	78	83	90	96
	963	MBh	30.9	31.8	34.4	36.9	30.2	31.1	33.6	36.1	29.4	30.3	32.8	35.2	28.7	29.6	32.0	34.4	27.3	28.1	30.4	32.6	25.3	26.0	28.2	30.2
		S/T	0.78	0.69	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.39	0.89	0.80	0.60	0.39
		Delta T	23	21	17	12	23	21	18	12	23	21	18	12	23	22	18	12	23	21	17	12	22	20	16	11
		KW	2.80	2.86	2.95	3.05	3.02	3.08	3.18	3.28	3.20	3.27	3.38	3.49	3.37	3.44	3.56	3.68	3.51	3.59	3.71	3.83	3.63	3.71	3.84	3.97
		AMPS	10.1	10.4	10.7	11.1	11.0	11.2	11.6	12.0	11.9	12.2	12.6	13.1	12.7	13.0	13.5	14.0	13.6	13.9	14.4	14.9	14.4	14.7	15.2	15.8
		HI PR	162	174	184	192	181	195	206	215	206	222	234	244	235	253	267	278	264	284	300	313	292	314	332	346
		LO PR	60	64	70	74	64	68	74	79	66	70	77	82	69	74	81	86	73	77	85	90	75	80	87	93

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA36C2A

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA36C2A/ CCA36F*C

IDB* Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1238	MBh	35.1	35.8	38.3	40.9	34.3	35.0	37.4	40.0	33.4	34.2	36.5	39.0	32.6	33.3	35.6	38.1	31.0	31.7	33.8	36.2	28.7	29.3	31.3	33.5
		S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	0.81	0.61
		Delta T	24	23	20	16	24	23	20	16	25	23	20	16	24	24	21	16	23	24	20	16	21	22	19	15
		KW	2.92	2.98	3.07	3.17	3.14	3.21	3.31	3.42	3.34	3.41	3.52	3.64	3.51	3.59	3.71	3.83	3.66	3.74	3.87	4.00	3.79	3.88	4.01	4.14
		AMPS	10.6	10.9	11.2	11.6	11.5	11.8	12.1	12.6	12.5	12.8	13.2	13.7	13.3	13.7	14.1	14.7	14.2	14.6	15.0	15.6	15.1	15.4	16.0	16.6
		HI PR	170	183	193	201	191	205	217	226	217	233	247	257	247	266	281	293	278	299	316	329	307	331	349	364
	LO PR	63	67	74	78	67	71	78	83	70	74	81	86	73	78	85	90	77	81	89	95	79	84	92	98	
	1100	MBh	34.1	34.8	37.2	39.7	33.3	34.0	36.3	38.8	32.5	33.2	35.4	37.9	31.7	32.4	34.6	37.0	30.1	30.8	32.9	35.1	27.9	28.5	30.4	32.5
		S/T	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58
		Delta T	25	24	21	17	25	24	21	17	25	24	21	17	26	25	21	17	25	24	21	17	23	23	20	16
		KW	2.89	2.96	3.05	3.15	3.12	3.18	3.29	3.39	3.31	3.38	3.49	3.61	3.49	3.56	3.68	3.80	3.63	3.71	3.84	3.97	3.76	3.84	3.97	4.11
		AMPS	10.5	10.8	11.1	11.5	11.4	11.7	12.0	12.5	12.4	12.7	13.1	13.6	13.2	13.5	14.0	14.5	14.1	14.4	14.9	15.5	14.9	15.3	15.8	16.4
		HI PR	168	181	191	199	189	203	215	224	215	231	244	255	245	263	278	290	275	296	313	326	304	327	346	360
	LO PR	63	67	73	78	66	70	77	82	69	73	80	85	72	77	84	89	76	81	88	94	78	83	91	97	
	963	MBh	31.4	32.1	34.3	36.7	30.7	31.4	33.5	35.8	30.0	30.6	32.7	35.0	29.2	29.9	31.9	34.1	27.8	28.4	30.3	32.4	25.7	26.3	28.1	30.0
		S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56
		Delta T	26	25	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	21	17	24	23	20	16
		KW	2.83	2.88	2.97	3.07	3.04	3.11	3.20	3.31	3.23	3.30	3.41	3.52	3.40	3.47	3.59	3.71	3.54	3.62	3.74	3.86	3.66	3.75	3.87	4.00
		AMPS	10.2	10.5	10.8	11.2	11.1	11.3	11.7	12.1	12.0	12.3	12.7	13.2	12.9	13.2	13.6	14.1	13.7	14.0	14.5	15.0	14.5	14.9	15.4	16.0
		HI PR	163	176	186	194	183	197	208	217	208	224	237	247	237	255	270	281	267	287	303	316	295	317	335	350
	LO PR	61	65	71	75	64	68	75	79	67	71	78	83	70	75	81	87	74	78	85	91	76	81	88	94	

85	1238	MBh	35.7	36.4	38.1	40.6	34.9	35.5	37.2	39.7	34.0	34.7	36.3	38.8	33.2	33.8	35.4	37.8	31.5	32.1	33.7	35.9	29.2	29.8	31.2	33.3
		S/T	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79
		Delta T	26	25	24	21	26	26	24	21	25	26	24	21	25	25	24	21	23	24	24	21	22	22	23	19
		KW	2.94	3.00	3.10	3.20	3.17	3.24	3.34	3.45	3.37	3.44	3.55	3.67	3.54	3.62	3.74	3.87	3.69	3.78	3.90	4.03	3.82	3.91	4.04	4.18
		AMPS	10.7	11.0	11.3	11.8	11.6	11.9	12.3	12.7	12.6	12.9	13.3	13.8	13.5	13.8	14.3	14.8	14.3	14.7	15.2	15.8	15.2	15.6	16.1	16.7
		HI PR	172	185	195	203	193	207	219	228	219	236	249	260	250	269	284	296	281	302	319	333	310	334	352	368
		LO PR	64	68	74	79	68	72	78	84	70	75	82	87	74	78	86	91	77	82	90	96	80	85	93	99
	1100	MBh	34.6	35.3	37.0	39.5	33.8	34.5	36.1	38.5	33.0	33.7	35.3	37.6	32.2	32.9	34.4	36.7	30.6	31.2	32.7	34.9	28.4	28.9	30.3	32.3
		S/T	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75
		Delta T	27	26	25	22	27	27	25	22	27	27	25	22	27	27	25	22	26	26	25	22	24	24	23	20
		KW	2.92	2.98	3.07	3.17	3.14	3.21	3.31	3.42	3.34	3.41	3.52	3.64	3.51	3.59	3.71	3.83	3.66	3.74	3.87	4.00	3.79	3.88	4.01	4.14
		AMPS	10.6	10.9	11.2	11.6	11.5	11.8	12.1	12.6	12.5	12.8	13.2	13.7	13.3	13.7	14.1	14.7	14.2	14.6	15.0	15.6	15.1	15.4	16.0	16.6
		HI PR	170	183	193	201	191	205	217	226	217	233	247	257	247	266	281	293	278	299	316	329	307	331	349	364
		LO PR	63	67	74	78	67	71	78	83	70	74	81	86	73	78	85	90	77	81	89	95	79	84	92	98
	963	MBh	32.0	32.6	34.1	36.4	31.2	31.8	33.3	35.6	30.5	31.1	32.6	34.7	29.8	30.3	31.8	33.9	28.3	28.8	30.2	32.2	26.2	26.7	28.0	29.8
		S/T	0.89	0.86	0.78	0.63	0.93	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.98	0.95	0.85	0.69	1.00	0.98	0.89	0.72	1.00	0.99	0.89	0.72
		Delta T	27	27	25	22	28	27	26	22	28	27	26	22	28	27	26	22	27	27	26	22	25	25	24	21
		KW	2.85	2.91	3.00	3.09	3.07	3.13	3.23	3.34	3.26	3.33	3.44	3.55	3.43	3.50	3.62	3.74	3.57	3.65	3.77	3.90	3.69	3.78	3.90	4.03
		AMPS	10.3	10.6	10.9	11.3	11.2	11.4	11.8	12.3	12.1	12.4	12.8	13.3	13.0	13.3	13.7	14.3	13.8	14.2	14.6	15.2	14.6	15.0	15.5	16.1
		HI PR	165	177	187	195	185	199	210	219	210	226	239	249	240	258	272	284	270	290	306	320	298	321	339	353
		LO PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92	77	82	89	95

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA36C2A

MODEL: VCA36C2B/ CCA36F*C

IDB* Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1350	MBh	33.3	34.5	37.8	-	32.5	33.7	37.0	-	31.8	32.9	36.1	-	31.0	32.1	35.2	-	29.4	30.5	33.4	-	27.3	28.3	31.0	-
		S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-
		Delta T	16	14	10	-	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	15	13	10	-
		KW	3.00	3.06	3.16	-	3.23	3.30	3.40	-	3.43	3.50	3.62	-	3.61	3.69	3.81	-	3.76	3.84	3.97	-	3.89	3.97	4.11	-
		AMPS	11.1	11.4	11.8	-	12.1	12.4	12.8	-	13.1	13.5	13.9	-	14.1	14.4	14.9	-	15.0	15.4	15.9	-	15.9	16.3	16.9	-
		HI PR	157	169	178	-	176	190	200	-	200	216	228	-	228	246	259	-	257	276	292	-	284	305	322	-
		LO PR	59	63	68	-	62	66	72	-	65	69	75	-	68	72	79	-	71	76	83	-	74	78	86	-
	1200	MBh	32.3	33.5	36.7	-	31.6	32.7	35.9	-	30.8	32.0	35.0	-	30.1	31.2	34.2	-	28.6	29.6	32.5	-	26.5	27.4	30.1	-
		S/T	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.61	0.43	-	0.76	0.64	0.44	-	0.77	0.64	0.45	-
		Delta T	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	14	11	-	16	14	10	-
		KW	2.98	3.04	3.13	-	3.20	3.27	3.37	-	3.40	3.48	3.59	-	3.58	3.66	3.77	-	3.73	3.81	3.93	-	3.86	3.94	4.07	-
		AMPS	11.0	11.3	11.7	-	11.9	12.2	12.7	-	13.0	13.3	13.8	-	13.9	14.3	14.8	-	14.8	15.2	15.7	-	15.8	16.1	16.7	-
		HI PR	155	167	177	-	174	188	198	-	198	213	225	-	226	243	257	-	254	274	289	-	281	302	319	-
		LO PR	58	62	68	-	62	66	72	-	64	68	74	-	67	72	78	-	70	75	82	-	73	78	85	-
	1050	MBh	29.9	30.9	33.9	-	29.2	30.2	33.1	-	28.5	29.5	32.3	-	27.8	28.8	31.5	-	26.4	27.3	30.0	-	24.4	25.3	27.8	-
		S/T	0.65	0.54	0.37	-	0.67	0.56	0.39	-	0.69	0.57	0.40	-	0.71	0.59	0.41	-	0.74	0.61	0.43	-	0.74	0.62	0.43	-
		Delta T	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
		KW	2.91	2.97	3.06	-	3.13	3.19	3.29	-	3.32	3.39	3.50	-	3.49	3.57	3.68	-	3.63	3.71	3.84	-	3.76	3.84	3.97	-
		AMPS	10.7	11.0	11.4	-	11.6	11.9	12.3	-	12.6	13.0	13.4	-	13.5	13.9	14.3	-	14.4	14.8	15.3	-	15.3	15.7	16.2	-
		HI PR	151	162	171	-	169	182	192	-	192	207	219	-	219	236	249	-	247	265	280	-	272	293	310	-
		LO PR	57	60	66	-	60	64	69	-	62	66	72	-	65	69	76	-	68	73	79	-	71	75	82	-

75	1350	MBh	33.9	34.9	37.8	40.5	33.1	34.1	36.9	39.6	32.3	33.3	36.0	38.6	31.5	32.5	35.1	37.7	29.9	30.8	33.4	35.8	27.7	28.6	30.9	33.2
		S/T	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.91	0.81	0.62	0.40	0.92	0.82	0.62	0.40
		Delta T	18	17	14	10	19	17	14	10	19	17	14	10	19	17	14	10	19	17	14	10	17	16	13	9
		KW	3.02	3.09	3.18	3.29	3.25	3.32	3.43	3.54	3.46	3.53	3.65	3.77	3.64	3.72	3.84	3.97	3.79	3.87	4.00	4.13	3.92	4.01	4.14	4.28
		AMPS	11.2	11.5	11.9	12.4	12.2	12.5	12.9	13.4	13.3	13.6	14.1	14.6	14.2	14.5	15.0	15.6	15.1	15.5	16.0	16.7	16.1	16.5	17.0	17.7
		HI PR	159	171	180	188	178	192	202	211	202	218	230	240	231	248	262	273	259	279	295	307	287	308	326	340
		LO PR	59	63	69	74	63	67	73	78	65	69	76	81	69	73	80	85	72	77	84	89	74	79	86	92
	1200	MBh	32.9	33.9	36.7	39.3	32.1	33.1	35.8	38.4	31.4	32.3	35.0	37.5	30.6	31.5	34.1	36.6	29.1	29.9	32.4	34.8	26.9	27.7	30.0	32.2
		S/T	0.76	0.68	0.52	0.33	0.79	0.71	0.53	0.34	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.88	0.78	0.59	0.38
		Delta T	19	18	14	10	19	18	15	10	19	18	15	10	20	18	15	10	19	18	15	10	18	17	14	9
		KW	3.00	3.06	3.16	3.26	3.23	3.30	3.40	3.51	3.43	3.50	3.62	3.74	3.61	3.69	3.81	3.93	3.76	3.84	3.97	4.10	3.89	3.97	4.11	4.24
		AMPS	11.1	11.4	11.8	12.2	12.1	12.4	12.8	13.3	13.1	13.5	13.9	14.5	14.1	14.4	14.9	15.5	15.0	15.4	15.9	16.5	15.9	16.3	16.9	17.5
		HI PR	157	169	178	186	176	190	200	209	200	216	228	238	228	246	259	271	257	276	292	304	284	305	322	336
		LO PR	59	63	68	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	86	91
	1050	MBh	30.4	31.3	33.8	36.3	29.7	30.5	33.0	35.5	28.9	29.8	32.3	34.6	28.2	29.1	31.5	33.8	26.8	27.6	29.9	32.1	24.9	25.6	27.7	29.7
		S/T	0.73	0.66	0.50	0.32	0.76	0.68	0.52	0.33	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.84	0.75	0.57	0.37
		Delta T	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	10
		KW	2.93	2.99	3.08	3.18	3.15	3.22	3.32	3.43	3.35	3.42	3.53	3.64	3.52	3.60	3.71	3.83	3.66	3.75	3.87	4.00	3.79	3.87	4.00	4.14
		AMPS	10.8	11.1	11.5	11.9	11.7	12.0	12.4	12.9	12.8	13.1	13.5	14.0	13.7	14.0	14.5	15.0	14.6	14.9	15.4	16.0	15.5	15.8	16.4	17.0
		HI PR	152	164	173	181	171	184	194	203	194	209	221	230	221	238	252	262	249	268	283	295	275	296	313	326
		LO PR	57	61	66	71	60	64	70	75	63	67	73	78	66	70	77	82	69	73	80	85	71	76	83	88

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

High and low pressures are measured @ outdoor unit service valves

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA36C2B/ CCA36F*C

IDB* Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1350	MBh	34.5	35.2	37.6	40.2	33.7	34.4	36.8	39.3	32.9	33.6	35.9	38.4	32.1	32.8	35.0	37.4	30.5	31.1	33.3	35.6	28.2	28.8	30.8	32.9
		S/T	0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.94	0.76	0.57	1.00	0.94	0.77	0.57
		Delta T	21	20	17	14	21	20	17	14	21	20	17	14	21	20	18	14	21	20	17	14	19	19	16	13
		KW	3.05	3.11	3.21	3.31	3.28	3.35	3.46	3.57	3.49	3.56	3.68	3.80	3.67	3.75	3.87	4.00	3.82	3.91	4.03	4.17	3.95	4.04	4.18	4.32
		AMPS	11.3	11.6	12.0	12.5	12.3	12.6	13.0	13.5	13.4	13.7	14.2	14.7	14.3	14.7	15.2	15.8	15.3	15.7	16.2	16.8	16.2	16.6	17.2	17.9
		HI PR	160	172	182	190	180	193	204	213	204	220	232	242	233	251	265	276	262	282	298	310	289	311	329	343
	LO PR	60	64	70	74	63	68	74	79	66	70	77	82	69	74	80	86	73	77	84	90	75	80	87	93	
	1200	MBh	33.5	34.2	36.6	39.1	32.7	33.4	35.7	38.2	31.9	32.6	34.9	37.3	31.1	31.8	34.0	36.3	29.6	30.2	32.3	34.5	27.4	28.0	29.9	32.0
		S/T	0.84	0.78	0.64	0.48	0.87	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.96	0.90	0.73	0.55
		Delta T	21	21	18	14	22	21	18	14	22	21	18	14	22	21	18	15	22	21	18	14	20	19	17	13
		KW	3.02	3.09	3.18	3.29	3.25	3.32	3.43	3.54	3.46	3.53	3.65	3.77	3.64	3.72	3.84	3.97	3.79	3.87	4.00	4.13	3.92	4.01	4.14	4.28
		AMPS	11.2	11.5	11.9	12.4	12.2	12.5	12.9	13.4	13.3	13.6	14.1	14.6	14.2	14.6	15.1	15.6	15.1	15.5	16.0	16.7	16.1	16.5	17.0	17.7
		HI PR	159	171	180	188	178	192	202	211	202	218	230	240	231	248	262	273	259	279	295	307	287	308	326	340
	LO PR	59	63	69	74	63	67	73	78	65	70	76	81	69	73	80	85	72	77	84	89	74	79	86	92	
	1050	MBh	30.9	31.6	33.7	36.1	30.2	30.8	33.0	35.2	29.5	30.1	32.2	34.4	28.7	29.4	31.4	33.5	27.3	27.9	29.8	31.9	25.3	25.8	27.6	29.5
		S/T	0.81	0.76	0.62	0.46	0.84	0.78	0.64	0.48	0.86	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.93	0.87	0.71	0.53
		Delta T	22	21	18	15	22	21	18	15	22	21	18	15	22	21	19	15	22	21	18	15	20	20	17	14
		KW	2.95	3.02	3.11	3.21	3.18	3.24	3.35	3.45	3.37	3.45	3.56	3.67	3.55	3.62	3.74	3.87	3.70	3.78	3.90	4.03	3.82	3.91	4.04	4.17
		AMPS	10.9	11.2	11.6	12.0	11.8	12.1	12.5	13.0	12.9	13.2	13.7	14.2	13.8	14.1	14.6	15.2	14.7	15.1	15.6	16.2	15.6	16.0	16.5	17.2
		HI PR	154	166	175	182	173	186	196	205	196	211	223	233	224	241	254	265	252	271	286	298	278	299	316	329
	LO PR	58	61	67	71	61	65	71	75	63	67	74	78	67	71	77	82	70	74	81	86	72	77	84	89	

85	1350	MBh	35.1	35.8	37.5	40.0	34.3	34.9	36.6	39.0	33.5	34.1	35.7	38.1	32.6	33.3	34.8	37.2	31.0	31.6	33.1	35.3	28.7	29.3	30.7	32.7
		S/T	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.75
		Delta T	22	22	20	18	22	22	21	18	22	22	21	18	22	22	21	18	21	22	21	18	20	20	19	17
		KW	3.07	3.14	3.24	3.34	3.31	3.38	3.49	3.60	3.51	3.59	3.71	3.83	3.70	3.78	3.90	4.03	3.85	3.94	4.07	4.20	3.99	4.08	4.21	4.35
		AMPS	11.4	11.7	12.1	12.6	12.4	12.7	13.1	13.6	13.5	13.8	14.3	14.9	14.5	14.8	15.3	15.9	15.4	15.8	16.4	17.0	16.4	16.8	17.4	18.0
		HI PR	162	174	184	192	182	195	206	215	207	222	235	245	235	253	267	279	265	285	301	314	292	315	332	346
		LO PR	61	65	70	75	64	68	74	79	67	71	77	82	70	74	81	87	73	78	85	91	76	81	88	94
	1200	MBh	34.1	34.7	36.4	38.8	33.3	33.9	35.5	37.9	32.5	33.1	34.7	37.0	31.7	32.3	33.8	36.1	30.1	30.7	32.1	34.3	27.9	28.4	29.8	31.8
		S/T	0.88	0.85	0.76	0.62	0.91	0.88	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	0.97	0.88	0.71
		Delta T	23	22	21	18	23	23	22	19	23	23	22	19	23	23	22	19	23	23	21	19	21	21	20	17
		KW	3.05	3.11	3.21	3.31	3.28	3.35	3.46	3.57	3.49	3.56	3.68	3.80	3.67	3.75	3.87	4.00	3.82	3.91	4.03	4.17	3.95	4.04	4.18	4.32
		AMPS	11.3	11.6	12.0	12.5	12.3	12.6	13.0	13.5	13.4	13.7	14.2	14.7	14.3	14.7	15.2	15.8	15.3	15.7	16.2	16.8	16.2	16.6	17.2	17.9
		HI PR	160	172	182	190	180	193	204	213	204	220	232	242	233	251	265	276	262	282	298	310	289	311	329	343
		LO PR	60	64	70	74	63	68	74	79	66	70	77	82	69	74	80	86	73	77	84	90	75	80	87	93
	1050	MBh	31.4	32.1	33.6	35.8	30.7	31.3	32.8	35.0	30.0	30.6	32.0	34.1	29.2	29.8	31.2	33.3	27.8	28.3	29.7	31.6	25.7	26.2	27.5	29.3
		S/T	0.85	0.82	0.74	0.60	0.88	0.85	0.76	0.62	0.90	0.87	0.78	0.63	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.97	0.94	0.84	0.69
		Delta T	23	23	22	19	24	23	22	19	24	23	22	19	24	23	22	19	23	23	22	19	22	22	20	18
		KW	2.98	3.04	3.13	3.23	3.20	3.27	3.37	3.48	3.40	3.47	3.59	3.70	3.58	3.65	3.77	3.90	3.73	3.81	3.93	4.06	3.85	3.94	4.07	4.21
		AMPS	11.0	11.3	11.7	12.1	11.9	12.2	12.7	13.1	13.0	13.3	13.8	14.3	13.9	14.3	14.8	15.3	14.8	15.2	15.7	16.4	15.7	16.1	16.7	17.4
		HI PR	155	167	177	184	174	188	198	207	198	213	225	235	226	243	257	268	254	273	289	301	281	302	319	333
		LO PR	58	62	68	72	62	66	72	76	64	68	74	79	67	72	78	83	70	75	82	87	73	78	85	90

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

High and low pressures are measured @ outdoor unit service valves

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA36C2C/CA*F037*2*

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1350	MBh	33.5	34.7	38.0	-	32.5	33.7	37.0	-	31.9	33.1	36.3	-	31.0	32.1	35.2	-	29.4	30.5	33.4	-	27.3	28.3	31.0	-
		S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.80	0.67	0.47	-	0.81	0.67	0.47	-
		Delta T	16	14	10	-	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	15	13	10	-
		KW	2.79	2.85	2.94	-	3.01	3.08	3.19	-	3.22	3.29	3.40	-	3.39	3.47	3.59	-	3.54	3.63	3.75	-	3.67	3.76	3.89	-
		AMPS	10.9	11.2	11.6	-	11.8	12.1	12.5	-	12.9	13.2	13.7	-	13.8	14.2	14.7	-	14.8	15.1	15.7	-	15.7	16.1	16.6	-
		HI PR	157	169	178	-	176	190	200	-	200	216	228	-	228	246	259	-	257	276	292	-	284	305	322	-
		LO PR	58	61	67	-	61	65	71	-	63	67	73	-	66	71	77	-	70	74	81	-	72	77	84	-
	1200	MBh	32.5	33.7	36.9	-	31.6	32.7	35.9	-	31.0	32.1	35.2	-	30.1	31.2	34.2	-	28.6	29.6	32.5	-	26.5	27.4	30.1	-
		S/T	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.77	0.64	0.45	-
		Delta T	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
		KW	2.76	2.83	2.92	-	2.99	3.06	3.16	-	3.19	3.26	3.37	-	3.36	3.44	3.56	-	3.51	3.59	3.72	-	3.64	3.73	3.86	-
		AMPS	10.8	11.1	11.4	-	11.7	12.0	12.4	-	12.8	13.1	13.6	-	13.7	14.0	14.5	-	14.6	15.0	15.5	-	15.5	15.9	16.5	-
		HI PR	155	167	177	-	174	188	198	-	198	213	225	-	226	243	257	-	254	274	289	-	281	302	319	-
		LO PR	57	61	66	-	60	64	70	-	63	67	73	-	66	70	76	-	69	73	80	-	71	76	83	-
	1050	MBh	29.9	31.0	34.0	-	29.1	30.1	33.0	-	28.5	29.5	32.4	-	27.7	28.7	31.4	-	26.3	27.2	29.9	-	24.4	25.2	27.7	-
		S/T	0.65	0.54	0.37	-	0.67	0.56	0.39	-	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.74	0.62	0.43	-
		Delta T	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
		KW	2.69	2.75	2.85	-	2.91	2.98	3.08	-	3.11	3.18	3.28	-	3.28	3.35	3.47	-	3.42	3.50	3.62	-	3.55	3.63	3.75	-
		AMPS	10.5	10.8	11.1	-	11.4	11.7	12.1	-	12.4	12.7	13.2	-	13.3	13.6	14.1	-	14.2	14.6	15.1	-	15.1	15.5	16.0	-
		HI PR	151	162	171	-	169	182	192	-	192	207	219	-	219	236	249	-	247	265	280	-	272	293	310	-
		LO PR	55	59	64	-	58	62	68	-	61	65	71	-	64	68	74	-	67	71	78	-	69	74	80	-

75	1350	MBh	34.0	35.1	37.9	40.7	33.1	34.1	36.9	39.6	32.5	33.4	36.2	38.8	31.5	32.5	35.1	37.7	29.9	30.8	33.4	35.8	27.7	28.6	30.9	33.2
		S/T	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.84	0.75	0.57	0.37	0.88	0.78	0.59	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40
		Delta T	18	17	14	10	19	17	14	10	19	17	14	10	19	17	14	10	19	17	14	10	17	16	13	9
		KW	2.81	2.87	2.97	3.07	3.04	3.11	3.22	3.33	3.24	3.32	3.43	3.55	3.42	3.50	3.62	3.75	3.58	3.66	3.79	3.92	3.71	3.79	3.93	4.07
		AMPS	11.0	11.3	11.7	12.1	11.9	12.2	12.7	13.2	13.0	13.4	13.8	14.4	14.0	14.3	14.8	15.4	14.9	15.3	15.8	16.4	15.8	16.2	16.8	17.5
		HI PR	159	171	180	188	178	192	202	211	202	218	230	240	231	248	262	273	259	279	295	307	287	308	326	340
		LO PR	58	62	68	72	62	65	71	76	64	68	74	79	67	71	78	83	70	75	82	87	73	77	85	90
	1200	MBh	33.0	34.0	36.8	39.5	32.1	33.1	35.8	38.4	31.5	32.5	35.1	37.7	30.6	31.5	34.1	36.6	29.1	29.9	32.4	34.8	26.9	27.7	30.0	32.2
		S/T	0.76	0.68	0.51	0.33	0.79	0.71	0.53	0.34	0.80	0.72	0.54	0.35	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.87	0.78	0.59	0.38
		Delta T	19	18	15	10	19	18	15	10	19	18	15	10	20	18	15	10	19	18	15	10	18	17	14	9
		KW	2.79	2.85	2.95	3.05	3.01	3.08	3.19	3.30	3.22	3.29	3.40	3.52	3.39	3.47	3.59	3.72	3.54	3.63	3.75	3.89	3.67	3.76	3.89	4.03
		AMPS	10.9	11.2	11.6	12.0	11.8	12.1	12.5	13.0	12.9	13.2	13.7	14.2	13.8	14.2	14.7	15.3	14.8	15.1	15.7	16.3	15.7	16.1	16.6	17.3
		HI PR	157	169	178	186	176	190	200	209	200	216	228	238	228	246	259	271	257	276	292	304	284	305	322	336
		LO PR	58	61	67	71	61	65	71	75	63	67	74	78	66	71	77	82	70	74	81	86	72	77	84	89
	1050	MBh	30.4	31.3	33.9	36.3	29.6	30.4	32.9	35.3	29.0	29.9	32.3	34.7	28.2	29.0	31.4	33.7	26.7	27.5	29.8	32.0	24.8	25.5	27.6	29.6
		S/T	0.73	0.66	0.50	0.32	0.76	0.68	0.52	0.33	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.37	0.85	0.76	0.57	0.37
		Delta T	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	10
		KW	2.72	2.78	2.87	2.97	2.94	3.00	3.11	3.21	3.13	3.20	3.31	3.43	3.30	3.38	3.50	3.62	3.45	3.53	3.65	3.78	3.58	3.66	3.79	3.92
		AMPS	10.6	10.9	11.2	11.7	11.5	11.8	12.2	12.7	12.5	12.9	13.3	13.8	13.4	13.8	14.3	14.8	14.3	14.7	15.2	15.8	15.2	15.6	16.2	16.8
		HI PR	152	164	173	181	171	184	194	203	194	209	221	230	221	238	252	262	249	268	283	295	275	296	313	326
		LO PR	56	59	65	69	59	63	69	73	61	65	71	76	64	69	75	80	68	72	78	84	70	74	81	86

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA36C2C

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA36C2C/CA*F037*2*

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1350	MBh	34.6	35.4	37.8	40.4	33.7	34.4	36.8	39.3	33.0	33.8	36.1	38.6	32.1	32.8	35.0	37.4	30.5	31.1	33.3	35.6	28.2	28.8	30.8	32.9
		S/T	0.87	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.92	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.94	0.77	0.57	1.00	0.94	0.77	0.57
		Delta T	21	20	17	14	21	20	17	14	21	20	17	14	21	20	18	14	21	20	17	14	19	19	16	13
		KW	2.83	2.90	3.00	3.10	3.07	3.14	3.24	3.36	3.27	3.35	3.46	3.58	3.45	3.53	3.66	3.78	3.61	3.69	3.82	3.96	3.74	3.83	3.96	4.10
		AMPS	11.1	11.4	11.8	12.2	12.1	12.4	12.8	13.3	13.2	13.5	14.0	14.5	14.1	14.5	15.0	15.6	15.0	15.4	16.0	16.6	16.0	16.4	17.0	17.6
		HI PR	160	172	182	190	180	193	204	213	204	220	232	242	233	251	265	276	262	282	298	310	289	311	329	343
	LO PR	59	63	68	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	85	91	
	1200	MBh	33.6	34.4	36.7	39.3	32.7	33.4	35.7	38.2	32.1	32.8	35.0	37.4	31.1	31.8	34.0	36.3	29.6	30.2	32.3	34.5	27.4	28.0	29.9	32.0
		S/T	0.83	0.78	0.64	0.48	0.87	0.81	0.66	0.49	0.88	0.83	0.67	0.50	0.92	0.86	0.70	0.52	0.96	0.90	0.73	0.55	0.96	0.90	0.73	0.55
		Delta T	21	21	18	14	22	21	18	14	22	21	18	14	22	21	18	15	22	21	18	14	20	19	17	13
		KW	2.81	2.87	2.97	3.07	3.04	3.11	3.22	3.33	3.24	3.32	3.43	3.55	3.42	3.50	3.62	3.75	3.58	3.66	3.79	3.92	3.71	3.79	3.93	4.07
		AMPS	11.0	11.3	11.7	12.1	11.9	12.2	12.7	13.2	13.0	13.4	13.8	14.4	14.0	14.3	14.8	15.4	14.9	15.3	15.8	16.4	15.8	16.2	16.8	17.5
		HI PR	159	171	180	188	178	192	202	211	202	218	230	240	231	248	262	273	259	279	295	307	287	308	326	340
	LO PR	58	62	68	72	62	65	71	76	64	68	74	79	67	71	78	83	70	75	82	87	73	77	85	90	
	1050	MBh	30.9	31.6	33.8	36.1	30.1	30.7	32.8	35.1	29.5	30.2	32.2	34.4	28.7	29.3	31.3	33.4	27.2	27.8	29.7	31.8	25.2	25.8	27.5	29.4
		S/T	0.81	0.76	0.61	0.46	0.84	0.79	0.64	0.48	0.85	0.80	0.65	0.49	0.89	0.83	0.68	0.51	0.93	0.87	0.71	0.53	0.93	0.87	0.71	0.53
		Delta T	22	21	18	15	22	21	18	15	22	21	18	15	22	21	19	15	22	21	18	15	20	20	17	14
		KW	2.74	2.80	2.89	2.99	2.96	3.03	3.13	3.24	3.16	3.23	3.34	3.46	3.33	3.41	3.53	3.65	3.48	3.56	3.69	3.82	3.61	3.69	3.82	3.96
		AMPS	10.7	11.0	11.3	11.8	11.6	11.9	12.3	12.8	12.7	13.0	13.4	14.0	13.6	13.9	14.4	15.0	14.5	14.8	15.4	16.0	15.4	15.8	16.3	17.0
		HI PR	154	166	175	182	173	186	196	205	196	211	223	233	224	241	254	265	252	271	286	298	278	299	316	329
	LO PR	56	60	66	70	60	63	69	74	62	66	72	77	65	69	76	81	68	73	79	84	71	75	82	87	

85	1350	MBh	35.2	35.9	37.6	40.2	34.3	34.9	36.6	39.1	33.6	34.3	35.9	38.3	32.6	33.3	34.8	37.2	31.0	31.6	33.1	35.3	28.7	29.3	30.7	32.7
		S/T	0.92	0.88	0.80	0.65	0.95	0.92	0.83	0.67	0.97	0.94	0.84	0.68	1.00	0.97	0.88	0.71	1.00	1.00	0.92	0.74	1.00	1.00	0.92	0.74
		Delta T	22	22	20	18	22	22	21	18	22	22	21	18	22	22	21	18	21	22	21	18	20	20	19	17
		KW	2.86	2.92	3.02	3.12	3.09	3.16	3.27	3.39	3.30	3.38	3.49	3.62	3.48	3.56	3.69	3.82	3.64	3.72	3.85	3.99	3.77	3.86	4.00	4.14
		AMPS	11.2	11.5	11.9	12.4	12.2	12.5	12.9	13.4	13.3	13.6	14.1	14.6	14.2	14.6	15.1	15.7	15.2	15.6	16.1	16.8	16.1	16.5	17.1	17.8
		HI PR	162	174	184	192	182	195	206	215	207	222	235	245	235	253	267	279	265	285	301	314	292	315	332	346
		LO PR	59	63	69	73	63	67	73	78	65	69	76	81	69	73	80	85	72	76	83	89	74	79	86	92
	1200	MBh	34.2	34.9	36.5	39.0	33.3	33.9	35.5	37.9	32.6	33.3	34.8	37.2	31.7	32.3	33.8	36.1	30.1	30.7	32.1	34.3	27.9	28.4	29.8	31.8
		S/T	0.87	0.84	0.76	0.62	0.91	0.88	0.79	0.64	0.92	0.89	0.81	0.65	0.96	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.97	0.88	0.71
		Delta T	23	23	21	18	23	23	21	19	23	23	21	19	23	23	22	19	23	23	21	19	21	21	20	17
		KW	2.83	2.90	3.00	3.10	3.07	3.14	3.24	3.36	3.27	3.35	3.46	3.58	3.45	3.53	3.66	3.78	3.61	3.69	3.82	3.96	3.74	3.83	3.96	4.10
		AMPS	11.1	11.4	11.8	12.2	12.1	12.4	12.8	13.3	13.2	13.5	14.0	14.5	14.1	14.5	15.0	15.6	15.0	15.4	16.0	16.6	16.0	16.4	17.0	17.6
		HI PR	160	172	182	190	180	193	204	213	204	220	232	242	233	251	265	276	262	282	298	310	289	311	329	343
		LO PR	59	63	68	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	85	91
	1050	MBh	31.5	32.1	33.6	35.9	30.6	31.2	32.7	34.9	30.0	30.6	32.1	34.2	29.2	29.7	31.1	33.2	27.7	28.2	29.6	31.6	25.7	26.2	27.4	29.2
		S/T	0.84	0.82	0.74	0.60	0.88	0.85	0.76	0.62	0.89	0.86	0.78	0.63	0.93	0.90	0.81	0.66	0.97	0.94	0.84	0.68	0.97	0.94	0.85	0.69
		Delta T	23	23	22	19	24	23	22	19	24	23	22	19	24	23	22	19	24	23	22	19	22	22	20	18
		KW	2.76	2.82	2.92	3.02	2.99	3.06	3.16	3.27	3.19	3.26	3.37	3.49	3.36	3.44	3.56	3.68	3.51	3.59	3.72	3.85	3.64	3.73	3.86	3.99
		AMPS	10.8	11.1	11.4	11.9	11.7	12.0	12.4	12.9	12.8	13.1	13.6	14.1	13.7	14.0	14.5	15.1	14.6	15.0	15.5	16.1	15.5	15.9	16.5	17.1
		HI PR	155	167	177	184	174	188	198	207	198	213	225	235	226	243	257	268	254	273	289	301	281	302	319	333
		LO PR	57	61	66	71	60	64	70	75	63	67	73	77	66	70	76	81	69	73	80	85	71	76	83	88

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA36C2C

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA42C2A/ CCA42F*A

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1575	MBh	38.1	39.5	43.2	-	37.2	38.5	42.2	-	36.3	37.6	41.2	-	35.4	36.7	40.2	-	33.6	34.9	38.2	-	31.2	32.3	35.4	-
		S/T	0.71	0.59	0.41	-	0.74	0.61	0.43	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-
		Delta T	16	14	10	-	16	14	10	-	16	14	10	-	16	14	11	-	16	14	10	-	15	13	10	-
		KW	3.38	3.46	3.57	-	3.65	3.73	3.85	-	3.88	3.97	4.10	-	4.09	4.18	4.32	-	4.26	4.36	4.51	-	4.41	4.52	4.67	-
		AMPS	12.9	13.2	13.7	-	14.0	14.3	14.8	-	15.2	15.6	16.1	-	16.3	16.7	17.3	-	17.4	17.8	18.4	-	18.5	18.9	19.6	-
		HI PR	155	167	176	-	174	187	198	-	198	213	225	-	225	242	256	-	253	273	288	-	280	301	318	-
		LO PR	60	64	70	-	64	68	74	-	66	71	77	-	70	74	81	-	73	78	85	-	76	80	88	-
	1238	MBh	36.8	38.1	41.8	-	35.9	37.2	40.8	-	35.1	36.4	39.8	-	34.2	35.5	38.9	-	32.5	33.7	36.9	-	30.1	31.2	34.2	-
		S/T	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.77	0.64	0.44	-
		Delta T	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		KW	3.33	3.40	3.51	-	3.59	3.67	3.79	-	3.82	3.90	4.03	-	4.02	4.11	4.25	-	4.19	4.29	4.43	-	4.34	4.44	4.59	-
		AMPS	12.7	13.0	13.4	-	13.7	14.1	14.5	-	15.0	15.3	15.8	-	16.0	16.4	17.0	-	17.1	17.5	18.1	-	18.1	18.6	19.2	-
		HI PR	152	163	173	-	170	183	194	-	194	209	220	-	221	238	251	-	248	267	282	-	274	295	312	-
		LO PR	59	63	69	-	63	67	73	-	65	69	76	-	68	73	79	-	72	76	83	-	74	79	86	-
	1225	MBh	36.4	37.7	41.4	-	35.6	36.9	40.4	-	34.7	36.0	39.4	-	33.9	35.1	38.5	-	32.2	33.4	36.5	-	29.8	30.9	33.9	-
		S/T	0.66	0.55	0.38	-	0.68	0.57	0.40	-	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.76	0.63	0.44	-
		Delta T	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		KW	3.30	3.37	3.47	-	3.55	3.63	3.75	-	3.78	3.86	3.99	-	3.98	4.07	4.20	-	4.15	4.24	4.38	-	4.29	4.39	4.54	-
		AMPS	12.5	12.8	13.3	-	13.6	13.9	14.4	-	14.8	15.1	15.7	-	15.8	16.2	16.8	-	16.9	17.3	17.9	-	17.9	18.3	19.0	-
		HI PR	150	161	170	-	168	181	191	-	191	206	217	-	218	234	248	-	245	264	279	-	271	291	308	-
		LO PR	58	62	68	-	62	66	72	-	64	68	75	-	67	72	78	-	71	75	82	-	73	78	85	-

75	1575	MBh	38.7	39.9	43.2	46.3	37.8	38.9	42.1	45.2	36.9	38.0	41.1	44.2	36.0	37.1	40.1	43.1	34.2	35.2	38.1	40.9	31.7	32.6	35.3	37.9
		S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40
		Delta T	18	17	14	9	18	17	14	10	18	17	14	10	19	17	14	10	18	17	14	10	17	16	13	9
		KW	3.41	3.49	3.60	3.72	3.68	3.76	3.88	4.01	3.92	4.00	4.13	4.27	4.12	4.22	4.36	4.51	4.30	4.40	4.55	4.70	4.45	4.55	4.71	4.87
		AMPS	13.0	13.3	13.8	14.3	14.1	14.5	15.0	15.5	15.4	15.8	16.3	16.9	16.5	16.9	17.5	18.1	17.6	18.0	18.6	19.3	18.6	19.1	19.8	20.5
		HI PR	157	168	178	186	176	189	200	208	200	215	227	237	227	245	259	270	256	275	291	303	283	304	321	335
		LO PR	61	65	71	76	65	69	75	80	67	71	78	83	70	75	82	87	74	79	86	91	76	81	89	94
	1238	MBh	37.4	38.5	41.7	44.7	36.5	37.6	40.7	43.7	35.7	36.7	39.8	42.7	34.8	35.8	38.8	41.6	33.1	34.0	36.8	39.5	30.6	31.5	34.1	36.6
		S/T	0.76	0.68	0.51	0.33	0.79	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.87	0.78	0.59	0.38
		Delta T	21	19	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
		KW	3.36	3.43	3.54	3.66	3.62	3.70	3.82	3.95	3.85	3.94	4.07	4.20	4.06	4.15	4.28	4.43	4.23	4.32	4.47	4.62	4.38	4.48	4.63	4.79
		AMPS	12.8	13.1	13.5	14.1	13.9	14.2	14.7	15.2	15.1	15.5	16.0	16.6	16.2	16.6	17.1	17.8	17.2	17.7	18.3	19.0	18.3	18.7	19.4	20.2
		HI PR	153	165	174	182	172	185	196	204	196	211	223	232	223	240	253	264	251	270	285	297	277	298	315	329
		LO PR	60	64	70	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	90	75	80	87	93
	1225	MBh	37.0	38.1	41.3	44.3	36.2	37.2	40.3	43.3	35.3	36.4	39.4	42.2	34.5	35.5	38.4	41.2	32.7	33.7	36.5	39.1	30.3	31.2	33.8	36.3
		S/T	0.75	0.67	0.51	0.33	0.78	0.70	0.53	0.34	0.80	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.86	0.77	0.58	0.38
		Delta T	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10
		KW	3.32	3.39	3.50	3.62	3.58	3.66	3.78	3.90	3.81	3.89	4.02	4.16	4.01	4.10	4.24	4.38	4.18	4.28	4.42	4.57	4.33	4.43	4.58	4.73
		AMPS	12.6	12.9	13.4	13.9	13.7	14.0	14.5	15.1	14.9	15.3	15.8	16.4	16.0	16.4	16.9	17.6	17.0	17.4	18.0	18.7	18.1	18.5	19.2	19.9
		HI PR	151	163	172	180	170	183	193	201	193	208	220	229	220	237	250	261	248	266	281	294	274	294	311	324
		LO PR	59	63	69	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	79	86	91

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA42C2A

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA42C2A/ CCA42F*A

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1575	MBh	39.4	40.3	43.0	46.0	38.5	39.3	42.0	44.9	37.6	38.4	41.0	43.9	36.7	37.5	40.0	42.8	34.8	35.6	38.0	40.6	32.3	33.0	35.2	37.6
		S/T	0.88	0.83	0.68	0.50	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.78	0.58
		Delta T	20	20	17	14	21	20	17	14	21	20	17	14	21	20	17	14	20	20	17	14	19	18	16	13
		KW	3.44	3.51	3.63	3.75	3.71	3.79	3.92	4.05	3.95	4.04	4.17	4.31	4.16	4.25	4.39	4.54	4.34	4.44	4.59	4.74	4.49	4.59	4.75	4.91
		AMPS	13.1	13.5	13.9	14.5	14.2	14.6	15.1	15.7	15.5	15.9	16.5	17.1	16.6	17.0	17.6	18.3	17.7	18.2	18.8	19.5	18.8	19.3	20.0	20.7
		HI PR	158	170	180	187	177	191	202	210	202	217	229	239	230	247	261	272	259	278	294	306	286	307	325	339
		LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	95
	1238	MBh	38.1	38.9	41.6	44.4	37.2	38.0	40.6	43.4	36.3	37.1	39.6	42.4	35.4	36.2	38.7	41.3	33.6	34.4	36.7	39.3	31.2	31.9	34.0	36.4
		S/T	0.83	0.78	0.64	0.47	0.86	0.81	0.66	0.49	0.88	0.83	0.68	0.50	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.96	0.90	0.73	0.55
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15
		KW	3.39	3.46	3.57	3.69	3.65	3.73	3.85	3.98	3.88	3.97	4.10	4.24	4.09	4.18	4.32	4.47	4.27	4.36	4.51	4.66	4.42	4.52	4.67	4.83
		AMPS	12.9	13.2	13.7	14.2	14.0	14.3	14.8	15.4	15.2	15.6	16.2	16.8	16.3	16.7	17.3	18.0	17.4	17.8	18.4	19.2	18.5	18.9	19.6	20.3
		HI PR	155	167	176	184	174	187	198	206	198	213	225	234	225	242	256	267	253	273	288	300	280	301	318	332
		LO PR	60	64	70	75	64	68	74	79	66	71	77	82	70	74	81	86	73	78	85	90	76	80	88	94
	1225	MBh	37.7	38.5	41.2	44.0	36.8	37.6	40.2	43.0	35.9	36.7	39.2	41.9	35.1	35.8	38.3	40.9	33.3	34.0	36.4	38.9	30.9	31.5	33.7	36.0
		S/T	0.82	0.77	0.63	0.47	0.85	0.80	0.65	0.49	0.88	0.82	0.67	0.50	0.90	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.95	0.89	0.72	0.54
		Delta T	23	22	19	16	24	23	20	16	24	23	20	16	24	23	20	16	23	22	20	16	22	21	18	15
		KW	3.35	3.42	3.53	3.65	3.61	3.69	3.81	3.94	3.84	3.93	4.06	4.19	4.05	4.14	4.27	4.42	4.22	4.31	4.46	4.61	4.37	4.47	4.62	4.78
		AMPS	12.8	13.1	13.5	14.0	13.8	14.2	14.6	15.2	15.1	15.4	16.0	16.6	16.1	16.5	17.1	17.8	17.2	17.6	18.2	18.9	18.2	18.7	19.3	20.1
		HI PR	153	165	174	181	172	185	195	203	195	210	222	231	222	239	253	264	250	269	284	296	276	297	314	328
		LO PR	60	63	69	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	89	75	79	87	92

85	1575	MBh	40.1	40.9	42.8	45.7	39.2	39.9	41.8	44.6	38.2	39.0	40.8	43.5	37.3	38.0	39.8	42.5	35.4	36.1	37.8	40.4	32.8	33.5	35.0	37.4
		S/T	0.93	0.89	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75
		Delta T	22	21	20	17	22	22	20	18	22	22	20	18	22	22	21	18	21	21	20	18	19	20	19	16
		KW	3.47	3.54	3.66	3.78	3.74	3.82	3.95	4.08	3.98	4.07	4.21	4.35	4.19	4.29	4.43	4.58	4.37	4.47	4.62	4.78	4.53	4.63	4.79	4.96
		AMPS	13.3	13.6	14.1	14.6	14.4	14.7	15.2	15.8	15.7	16.1	16.6	17.3	16.8	17.2	17.8	18.5	17.9	18.3	19.0	19.7	19.0	19.5	20.1	20.9
		HI PR	160	172	181	189	179	193	204	212	204	219	232	242	232	250	264	275	261	281	297	309	288	310	328	342
		LO PR	62	66	72	77	66	70	76	81	68	73	79	85	72	76	83	89	75	80	87	93	78	83	90	96
	1238	MBh	38.7	39.5	41.4	44.1	37.8	38.6	40.4	43.1	36.9	37.7	39.4	42.1	36.0	36.7	38.5	41.0	34.2	34.9	36.6	39.0	31.7	32.3	33.9	36.1
		S/T	0.87	0.84	0.76	0.62	0.90	0.87	0.79	0.64	0.93	0.89	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.96	0.87	0.70	1.00	0.97	0.87	0.71
		Delta T	25	25	23	20	25	25	24	20	25	25	24	20	26	25	24	21	25	25	23	20	24	23	22	19
		KW	3.41	3.49	3.60	3.72	3.68	3.76	3.88	4.01	3.92	4.00	4.14	4.27	4.12	4.22	4.36	4.51	4.30	4.40	4.55	4.70	4.45	4.56	4.71	4.87
		AMPS	13.0	13.4	13.8	14.3	14.1	14.5	15.0	15.5	15.4	15.8	16.3	16.9	16.5	16.9	17.5	18.1	17.6	18.0	18.6	19.4	18.6	19.1	19.8	20.5
		HI PR	157	168	178	186	176	189	200	208	200	215	227	237	228	245	259	270	256	275	291	303	283	304	321	335
		LO PR	61	65	71	76	65	69	75	80	67	71	78	83	70	75	82	87	74	79	86	91	76	81	89	94
	1225	MBh	38.4	39.1	40.9	43.7	37.5	38.2	40.0	42.7	36.6	37.3	39.0	41.7	35.7	36.4	38.1	40.6	33.9	34.6	36.2	38.6	31.4	32.0	33.5	35.8
		S/T	0.86	0.83	0.75	0.61	0.90	0.86	0.78	0.63	0.92	0.89	0.80	0.65	0.95	0.91	0.83	0.67	0.98	0.95	0.86	0.69	0.99	0.96	0.86	0.70
		Delta T	25	24	23	20	25	25	23	20	25	25	23	20	25	25	24	20	25	25	23	20	23	23	22	19
		KW	3.38	3.45	3.56	3.68	3.64	3.72	3.84	3.97	3.87	3.96	4.09	4.23	4.08	4.17	4.31	4.46	4.25	4.35	4.50	4.65	4.40	4.50	4.66	4.82
		AMPS	12.9	13.2	13.6	14.2	13.9	14.3	14.8	15.3	15.2	15.6	16.1	16.7	16.3	16.7	17.2	17.9	17.3	17.8	18.4	19.1	18.4	18.9	19.5	20.3
		HI PR	155	166	176	183	173	187	197	205	197	212	224	234	225	242	255	266	253	272	287	299	279	300	317	331
		LO PR	60	64	70	75	64	68	74	79	66	70	77	82	70	74	81	86	73	78	85	90	75	80	88	93

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA42C2A

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA42C2B/ CCA42F*C

IDB* Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1519	MBh	38.2	39.6	43.4	-	37.3	38.7	42.4	-	36.4	37.8	41.4	-	35.6	36.8	40.4	-	33.8	35.0	38.4	-	31.3	32.4	35.5	-
		S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.70	0.48	-	0.84	0.70	0.49	-
		Delta T	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
		KW	3.42	3.49	3.61	-	3.69	3.77	3.89	-	3.92	4.01	4.14	-	4.13	4.22	4.36	-	4.31	4.40	4.55	-	4.46	4.56	4.71	-
		AMPS	12.9	13.2	13.6	-	13.9	14.3	14.8	-	15.2	15.6	16.1	-	16.3	16.7	17.3	-	17.4	17.8	18.4	-	18.4	18.9	19.6	-
		HI PR	167	179	189	-	187	201	212	-	213	229	242	-	242	261	275	-	272	293	310	-	301	324	342	-
	LO PR	60	64	70	-	63	67	74	-	66	70	77	-	69	74	80	-	73	77	84	-	75	80	87	-	
	1350	MBh	37.1	38.5	42.1	-	36.2	37.6	41.2	-	35.4	36.7	40.2	-	34.5	35.8	39.2	-	32.8	34.0	37.2	-	30.4	31.5	34.5	-
		S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-
		Delta T	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-
		KW	3.39	3.47	3.58	-	3.66	3.74	3.86	-	3.89	3.98	4.11	-	4.10	4.19	4.33	-	4.27	4.37	4.51	-	4.42	4.52	4.67	-
		AMPS	12.7	13.1	13.5	-	13.8	14.2	14.6	-	15.1	15.4	16.0	-	16.1	16.5	17.1	-	17.2	17.6	18.2	-	18.3	18.7	19.4	-
		HI PR	165	178	187	-	185	199	210	-	210	227	239	-	240	258	272	-	270	290	306	-	298	321	339	-
	LO PR	59	63	69	-	63	67	73	-	65	69	76	-	69	73	80	-	72	76	83	-	74	79	86	-	
	1181	MBh	34.2	35.5	38.9	-	33.5	34.7	38.0	-	32.7	33.8	37.1	-	31.9	33.0	36.2	-	30.3	31.4	34.4	-	28.0	29.1	31.8	-
		S/T	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.77	0.64	0.45	-
		Delta T	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		KW	3.31	3.38	3.49	-	3.57	3.64	3.76	-	3.79	3.88	4.00	-	3.99	4.08	4.22	-	4.16	4.25	4.40	-	4.31	4.41	4.55	-
		AMPS	12.4	12.7	13.1	-	13.4	13.8	14.2	-	14.6	15.0	15.5	-	15.7	16.1	16.6	-	16.7	17.1	17.7	-	17.7	18.2	18.8	-
		HI PR	160	172	182	-	180	193	204	-	204	220	232	-	233	250	264	-	262	282	297	-	289	311	328	-
	LO PR	58	61	67	-	61	65	71	-	63	67	73	-	66	71	77	-	70	74	81	-	72	77	84	-	

75	1519	MBh	38.9	40.0	43.3	46.5	38.0	39.1	42.3	45.4	37.1	38.2	41.3	44.3	36.2	37.2	40.3	43.2	34.3	35.4	38.3	41.1	31.8	32.8	35.5	38.1
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.95	0.85	0.65	0.42
		Delta T	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	10
		KW	3.45	3.52	3.64	3.75	3.72	3.80	3.92	4.05	3.95	4.04	4.18	4.32	4.16	4.26	4.40	4.55	4.34	4.44	4.59	4.75	4.50	4.60	4.75	4.92
		AMPS	13.0	13.3	13.8	14.3	14.1	14.4	14.9	15.5	15.3	15.7	16.3	16.9	16.4	16.9	17.4	18.1	17.5	18.0	18.6	19.3	18.6	19.1	19.8	20.5
		HI PR	168	181	191	199	189	203	215	224	215	231	244	255	245	263	278	290	275	296	313	326	304	327	346	360
		LO PR	61	64	70	75	64	68	74	79	67	71	77	82	70	74	81	86	73	78	85	91	76	81	88	94
	1350	MBh	37.7	38.8	42.1	45.1	36.9	37.9	41.1	44.1	36.0	37.0	40.1	43.0	35.1	36.1	39.1	42.0	33.3	34.3	37.2	39.9	30.9	31.8	34.4	36.9
		S/T	0.79	0.71	0.54	0.35	0.82	0.73	0.56	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40
		Delta T	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	20	19	15	11	19	18	14	10
		KW	3.42	3.49	3.61	3.72	3.69	3.77	3.89	4.02	3.92	4.01	4.14	4.28	4.13	4.22	4.36	4.51	4.31	4.40	4.55	4.71	4.46	4.56	4.71	4.88
		AMPS	12.9	13.2	13.6	14.2	13.9	14.3	14.8	15.4	15.2	15.6	16.1	16.7	16.3	16.7	17.3	17.9	17.4	17.8	18.4	19.2	18.4	18.9	19.6	20.3
		HI PR	167	179	189	197	187	201	212	222	213	229	242	252	242	261	275	287	272	293	310	323	301	324	342	357
		LO PR	60	64	70	74	63	67	74	78	66	70	77	82	69	74	80	86	73	77	84	90	75	80	87	93
	1181	MBh	34.8	35.9	38.8	41.7	34.0	35.0	37.9	40.7	33.2	34.2	37.0	39.7	32.4	33.4	36.1	38.8	30.8	31.7	34.3	36.8	28.5	29.4	31.8	34.1
		S/T	0.76	0.68	0.52	0.33	0.79	0.71	0.54	0.34	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.88	0.78	0.59	0.38
		Delta T	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
		KW	3.34	3.41	3.52	3.63	3.60	3.67	3.79	3.92	3.82	3.91	4.04	4.17	4.03	4.12	4.25	4.40	4.20	4.29	4.43	4.59	4.35	4.44	4.59	4.75
		AMPS	12.5	12.8	13.2	13.8	13.5	13.9	14.4	14.9	14.8	15.1	15.7	16.3	15.8	16.2	16.8	17.4	16.9	17.3	17.9	18.6	17.9	18.4	19.0	19.7
		HI PR	162	174	184	192	181	195	206	215	206	222	234	244	235	253	267	278	264	284	300	313	292	314	332	346
		LO PR	58	62	68	72	61	65	71	76	64	68	74	79	67	71	78	83	70	75	82	87	73	77	85	90

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA42C2B

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA42C2B/ CCA42F*C

IDB* Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1519	MBh	39.6	40.4	43.2	46.2	38.6	39.5	42.2	45.1	37.7	38.5	41.2	44.0	36.8	37.6	40.2	42.9	35.0	35.7	38.2	40.8	32.4	33.1	35.3	37.8
		S/T	0.91	0.85	0.70	0.52	0.94	0.89	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.80	0.60
		Delta T	22	21	18	15	22	21	18	15	22	21	18	15	22	21	19	15	21	22	18	15	20	20	17	14
		KW	3.48	3.55	3.67	3.78	3.75	3.83	3.96	4.09	3.99	4.08	4.21	4.35	4.20	4.29	4.44	4.59	4.38	4.48	4.63	4.79	4.54	4.64	4.80	4.96
		AMPS	13.1	13.4	13.9	14.4	14.2	14.6	15.1	15.7	15.5	15.9	16.4	17.1	16.6	17.0	17.6	18.3	17.7	18.2	18.8	19.5	18.8	19.3	19.9	20.7
		HI PR	170	183	193	201	191	205	217	226	217	233	247	257	247	266	281	293	278	299	316	329	307	331	349	364
		LO PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	87	74	79	86	92	77	81	89	95
	1350	MBh	38.4	39.2	41.9	44.8	37.5	38.3	41.0	43.8	36.6	37.4	40.0	42.7	35.7	36.5	39.0	41.7	33.9	34.7	37.1	39.6	31.4	32.1	34.3	36.7
		S/T	0.87	0.82	0.66	0.50	0.90	0.84	0.69	0.51	0.92	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.99	0.93	0.76	0.56	1.00	0.94	0.76	0.57
		Delta T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14
		KW	3.45	3.52	3.64	3.75	3.72	3.80	3.92	4.05	3.96	4.04	4.18	4.32	4.17	4.26	4.40	4.55	4.34	4.44	4.59	4.75	4.50	4.60	4.75	4.92
		AMPS	13.0	13.3	13.8	14.3	14.1	14.4	14.9	15.5	15.3	15.7	16.3	16.9	16.4	16.9	17.4	18.1	17.5	18.0	18.6	19.3	18.6	19.1	19.8	20.5
		HI PR	168	181	191	199	189	203	215	224	215	231	244	255	245	263	278	290	275	296	313	326	304	327	346	360
		LO PR	61	64	70	75	64	68	74	79	67	71	77	82	70	74	81	86	73	78	85	91	76	81	88	94
	1181	MBh	35.4	36.2	38.7	41.4	34.6	35.4	37.8	40.4	33.8	34.5	36.9	39.4	33.0	33.7	36.0	38.5	31.3	32.0	34.2	36.6	29.0	29.7	31.7	33.9
		S/T	0.84	0.79	0.64	0.48	0.87	0.81	0.66	0.50	0.89	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.90	0.73	0.54	0.96	0.90	0.73	0.55
		Delta T	23	22	19	15	23	22	20	16	23	22	20	16	24	23	20	16	23	22	19	15	22	21	18	14
		KW	3.37	3.44	3.55	3.66	3.63	3.71	3.82	3.95	3.86	3.94	4.07	4.21	4.06	4.15	4.29	4.43	4.23	4.33	4.47	4.62	4.38	4.48	4.63	4.79
		AMPS	12.6	12.9	13.4	13.9	13.7	14.0	14.5	15.1	14.9	15.3	15.8	16.4	16.0	16.4	16.9	17.6	17.0	17.5	18.1	18.8	18.1	18.5	19.2	19.9
		HI PR	163	176	186	194	183	197	208	217	208	224	237	247	237	255	270	281	267	287	303	316	295	317	335	350
		LO PR	59	63	68	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	85	91

85	1519	MBh	40.2	41.0	43.0	45.8	39.3	40.1	42.0	44.8	38.4	39.1	41.0	43.7	37.4	38.2	40.0	42.6	35.6	36.3	38.0	40.5	32.9	33.6	35.2	37.5
		S/T	0.96	0.92	0.83	0.68	0.99	0.96	0.86	0.70	1.00	0.98	0.88	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78
		Delta T	23	23	22	19	24	23	22	19	23	23	22	19	23	23	22	19	22	22	22	19	20	20	20	18
		KW	3.50	3.58	3.69	3.82	3.78	3.86	3.99	4.12	4.02	4.11	4.25	4.39	4.24	4.33	4.47	4.63	4.42	4.52	4.67	4.83	4.57	4.68	4.84	5.00
		AMPS	13.2	13.6	14.0	14.6	14.3	14.7	15.2	15.8	15.6	16.0	16.6	17.2	16.8	17.2	17.8	18.5	17.9	18.3	19.0	19.7	19.0	19.5	20.1	20.9
		HI PR	172	185	195	203	193	207	219	228	219	236	249	260	250	269	284	296	281	302	319	333	310	334	352	368
		LO PR	62	66	72	76	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	92	77	82	90	96
	1350	MBh	39.1	39.8	41.7	44.5	38.2	38.9	40.7	43.5	37.3	38.0	39.8	42.4	36.3	37.1	38.8	41.4	34.5	35.2	36.9	39.3	32.0	32.6	34.1	36.4
		S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.97	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
		Delta T	24	24	23	20	25	24	23	20	25	24	23	20	25	24	23	20	24	24	23	20	22	22	21	18
		KW	3.48	3.55	3.67	3.78	3.75	3.83	3.96	4.09	3.99	4.08	4.21	4.35	4.20	4.29	4.44	4.59	4.38	4.48	4.63	4.79	4.54	4.64	4.80	4.96
		AMPS	13.1	13.4	13.9	14.4	14.2	14.6	15.1	15.7	15.5	15.9	16.4	17.1	16.6	17.0	17.6	18.3	17.7	18.2	18.8	19.5	18.8	19.3	19.9	20.7
		HI PR	170	183	193	201	191	205	217	226	217	233	247	257	247	266	281	293	278	299	316	329	307	331	349	364
		LO PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	87	74	79	86	92	77	81	89	95
	1181	MBh	36.1	36.8	38.5	41.1	35.2	35.9	37.6	40.1	34.4	35.1	36.7	39.2	33.5	34.2	35.8	38.2	31.9	32.5	34.0	36.3	29.5	30.1	31.5	33.6
		S/T	0.88	0.85	0.77	0.62	0.91	0.88	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.97	0.88	0.71
		Delta T	25	24	23	20	25	25	23	20	25	25	23	20	25	25	23	20	25	24	23	20	23	23	22	19
		KW	3.39	3.46	3.58	3.69	3.66	3.74	3.86	3.98	3.89	3.97	4.11	4.24	4.09	4.19	4.32	4.47	4.27	4.36	4.51	4.66	4.42	4.52	4.67	4.83
		AMPS	12.7	13.0	13.5	14.0	13.8	14.2	14.6	15.2	15.0	15.4	16.0	16.6	16.1	16.5	17.1	17.8	17.2	17.6	18.2	19.0	18.3	18.7	19.4	20.1
		HI PR	165	177	187	195	185	199	210	219	210	226	239	249	240	258	272	284	270	290	306	320	298	321	339	353
		LO PR	59	63	69	73	63	67	73	78	65	69	76	81	68	73	80	85	72	76	83	89	74	79	86	92

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA42C2B

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA42C2C/ CA*F049*2*

IDB*			Airflow				Outdoor Ambient Temperature																							
							65				75				85				95				105				115			
							Entering Indoor Wet Bulb Temperature																							
							59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1519	MBh	38.4	39.8	43.6	-	37.3	38.7	42.4	-	36.6	37.9	41.6	-	35.6	36.8	40.4	-	33.8	35.0	38.4	-	31.3	32.4	35.5	-				
		S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.84	0.70	0.48	-	0.84	0.70	0.49	-				
		Delta T	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-				
		KW	3.19	3.26	3.37	-	3.45	3.53	3.66	-	3.69	3.77	3.91	-	3.90	3.99	4.13	-	4.07	4.17	4.32	-	4.22	4.33	4.48	-				
		AMPS	12.6	13.0	13.4	-	13.7	14.1	14.6	-	15.0	15.4	15.9	-	16.1	16.5	17.1	-	17.2	17.6	18.2	-	18.2	18.7	19.4	-				
		HI PR	167	179	189	-	187	201	212	-	213	229	242	-	242	261	275	-	272	293	310	-	301	324	342	-				
		LO PR	60	64	70	-	63	67	74	-	66	70	77	-	69	74	80	-	73	77	84	-	75	80	87	-				
	1350	MBh	37.3	38.6	42.3	-	36.2	37.6	41.2	-	35.6	36.8	40.4	-	34.5	35.8	39.2	-	32.8	34.0	37.2	-	30.4	31.5	34.5	-				
		S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.64	0.44	-	0.80	0.67	0.46	-	0.80	0.67	0.46	-				
		Delta T	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-				
		KW	3.16	3.23	3.34	-	3.42	3.50	3.62	-	3.66	3.74	3.87	-	3.86	3.95	4.09	-	4.04	4.13	4.28	-	4.19	4.29	4.44	-				
		AMPS	12.5	12.8	13.3	-	13.6	13.9	14.4	-	14.8	15.2	15.8	-	15.9	16.3	16.9	-	17.0	17.4	18.0	-	18.1	18.5	19.2	-				
		HI PR	165	178	187	-	185	199	210	-	210	227	239	-	240	258	272	-	270	290	306	-	298	321	339	-				
		LO PR	59	63	69	-	63	67	73	-	65	69	76	-	69	73	80	-	72	76	83	-	74	79	86	-				
	1181	MBh	34.3	35.5	38.9	-	33.3	34.5	37.9	-	32.7	33.9	37.1	-	31.8	32.9	36.1	-	30.2	31.3	34.3	-	27.9	29.0	31.7	-				
		S/T	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.77	0.65	0.45	-				
		Delta T	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-				
		KW	3.08	3.15	3.25	-	3.33	3.41	3.53	-	3.56	3.64	3.77	-	3.76	3.85	3.98	-	3.93	4.02	4.16	-	4.07	4.17	4.32	-				
		AMPS	12.2	12.5	12.9	-	13.2	13.5	14.0	-	14.4	14.8	15.3	-	15.5	15.9	16.4	-	16.5	16.9	17.5	-	17.5	18.0	18.6	-				
		HI PR	160	172	182	-	180	193	204	-	204	220	232	-	233	250	264	-	262	282	297	-	289	311	328	-				
		LO PR	58	61	67	-	61	65	71	-	63	67	73	-	66	71	77	-	70	74	81	-	72	77	84	-				

75	1519	MBh	39.0	40.2	43.5	46.7	38.0	39.1	42.3	45.4	37.2	38.4	41.5	44.5	36.2	37.2	40.3	43.2	34.3	35.4	38.3	41.1	31.8	32.8	35.5	38.0
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.78	0.59	0.38	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.95	0.85	0.65	0.42
		Delta T	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	10
		KW	3.21	3.29	3.40	3.52	3.48	3.56	3.69	3.82	3.72	3.81	3.94	4.08	3.93	4.02	4.17	4.31	4.11	4.21	4.36	4.51	4.26	4.36	4.52	4.68
		AMPS	12.8	13.1	13.5	14.1	13.9	14.2	14.7	15.3	15.1	15.5	16.1	16.7	16.2	16.6	17.2	17.9	17.3	17.8	18.4	19.1	18.4	18.9	19.5	20.3
		HI PR	168	181	191	199	189	203	215	224	215	231	244	255	245	263	278	290	275	296	313	326	304	327	346	360
		LO PR	61	64	70	75	64	68	74	79	67	71	77	82	70	74	81	86	73	78	85	91	76	81	88	94
	1350	MBh	37.9	39.0	42.2	45.3	36.9	38.0	41.1	44.1	36.2	37.2	40.3	43.2	35.1	36.2	39.1	42.0	33.3	34.3	37.2	39.9	30.9	31.8	34.4	36.9
		S/T	0.79	0.71	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.91	0.81	0.61	0.39	0.91	0.81	0.62	0.40
		Delta T	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	14	10
		KW	3.19	3.26	3.37	3.49	3.45	3.53	3.66	3.78	3.69	3.78	3.91	4.05	3.90	3.99	4.13	4.28	4.07	4.17	4.32	4.47	4.22	4.33	4.48	4.64
		AMPS	12.6	13.0	13.4	13.9	13.7	14.1	14.6	15.1	15.0	15.4	15.9	16.5	16.1	16.5	17.1	17.7	17.2	17.6	18.2	18.9	18.2	18.7	19.4	20.1
		HI PR	167	179	189	197	187	201	212	222	213	229	242	252	242	261	275	287	272	293	310	323	301	324	342	357
		LO PR	60	64	70	74	63	67	74	78	66	70	77	82	69	74	80	86	73	77	84	90	75	80	87	93
	1181	MBh	34.9	35.9	38.9	41.7	33.9	34.9	37.8	40.5	33.3	34.3	37.1	39.8	32.3	33.3	36.0	38.6	30.7	31.6	34.2	36.7	28.4	29.3	31.7	34.0
		S/T	0.76	0.68	0.52	0.33	0.79	0.71	0.54	0.35	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.37	0.88	0.78	0.59	0.38	0.88	0.79	0.60	0.38
		Delta T	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
		KW	3.10	3.18	3.28	3.40	3.36	3.44	3.56	3.68	3.59	3.68	3.80	3.94	3.79	3.88	4.02	4.16	3.96	4.06	4.20	4.35	4.11	4.21	4.36	4.52
		AMPS	12.3	12.6	13.0	13.5	13.3	13.7	14.2	14.7	14.6	14.9	15.4	16.1	15.6	16.0	16.6	17.2	16.7	17.1	17.7	18.4	17.7	18.2	18.8	19.5
		HI PR	162	174	184	192	181	195	206	215	206	222	234	244	235	253	267	278	264	284	300	313	292	314	332	346
		LO PR	58	62	68	72	61	65	71	76	64	68	74	79	67	71	78	83	70	75	82	87	73	77	85	90

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA42C2C

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA42C2C/ CA*F049*2*

IDB* Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1519	MBh	39.7	40.6	43.4	46.4	38.6	39.5	42.2	45.1	37.9	38.7	41.4	44.2	36.8	37.6	40.2	42.9	35.0	35.7	38.2	40.8	32.4	33.1	35.3	37.8
		S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.73	0.55	1.00	0.94	0.76	0.57	1.00	1.00	0.80	0.59	1.00	1.00	0.80	0.60
		Delta T	22	21	18	15	22	21	18	15	22	21	18	15	22	21	19	15	21	22	18	15	20	20	17	14
		KW	3.24	3.32	3.43	3.55	3.51	3.60	3.72	3.85	3.75	3.84	3.98	4.12	3.97	4.06	4.20	4.35	4.15	4.24	4.40	4.55	4.30	4.40	4.56	4.73
		AMPS	12.9	13.2	13.7	14.2	14.0	14.4	14.9	15.4	15.3	15.7	16.2	16.9	16.4	16.8	17.4	18.1	17.5	17.9	18.6	19.3	18.6	19.1	19.7	20.5
		HI PR	170	183	193	201	191	205	217	226	217	233	247	257	247	266	281	293	278	299	316	329	307	331	349	364
		LO PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	87	74	79	86	92	77	81	89	95
	1350	MBh	38.6	39.4	42.1	45.0	37.5	38.3	41.0	43.8	36.8	37.6	40.2	42.9	35.7	36.5	39.0	41.7	33.9	34.7	37.1	39.6	31.4	32.1	34.3	36.7
		S/T	0.87	0.81	0.66	0.49	0.90	0.84	0.69	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57
		Delta T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14
		KW	3.21	3.29	3.40	3.52	3.48	3.56	3.69	3.82	3.72	3.81	3.94	4.08	3.93	4.02	4.17	4.32	4.11	4.21	4.36	4.51	4.26	4.37	4.52	4.68
		AMPS	12.8	13.1	13.5	14.1	13.9	14.2	14.7	15.3	15.1	15.5	16.1	16.7	16.2	16.6	17.2	17.9	17.3	17.8	18.4	19.1	18.4	18.9	19.5	20.3
		HI PR	168	181	191	199	189	203	215	224	215	231	244	255	245	263	278	290	275	296	313	326	304	327	346	360
		LO PR	61	64	70	75	64	68	74	79	67	71	77	82	70	74	81	86	73	78	85	91	76	81	88	94
	1181	MBh	35.5	36.3	38.8	41.4	34.5	35.3	37.7	40.3	33.9	34.6	37.0	39.5	32.9	33.6	35.9	38.4	31.2	31.9	34.1	36.4	28.9	29.6	31.6	33.8
		S/T	0.84	0.79	0.64	0.48	0.87	0.82	0.66	0.50	0.89	0.83	0.68	0.51	0.92	0.87	0.70	0.53	0.96	0.90	0.73	0.55	0.96	0.90	0.74	0.55
		Delta T	23	22	19	15	23	22	19	16	23	22	19	16	24	23	20	16	23	22	19	16	22	21	18	14
		KW	3.13	3.20	3.31	3.43	3.39	3.47	3.59	3.72	3.62	3.71	3.84	3.97	3.83	3.92	4.05	4.20	4.00	4.09	4.24	4.39	4.15	4.25	4.40	4.56
		AMPS	12.4	12.7	13.2	13.7	13.5	13.8	14.3	14.9	14.7	15.1	15.6	16.2	15.8	16.2	16.7	17.4	16.8	17.3	17.9	18.6	17.9	18.3	19.0	19.7
		HI PR	163	176	186	194	183	197	208	217	208	224	237	247	237	255	270	281	267	287	303	316	295	317	335	350
		LO PR	59	63	68	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	85	91

85	1519	MBh	40.4	41.2	43.2	46.1	39.3	40.1	42.0	44.8	38.6	39.3	41.2	43.9	37.4	38.2	40.0	42.7	35.6	36.3	38.0	40.5	32.9	33.6	35.2	37.5
		S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.95	0.77
		Delta T	23	23	22	19	24	23	22	19	23	23	22	19	23	23	22	19	22	22	22	19	20	20	20	18
		KW	3.27	3.35	3.46	3.58	3.54	3.63	3.75	3.89	3.79	3.88	4.01	4.16	4.00	4.10	4.24	4.39	4.18	4.28	4.44	4.59	4.34	4.44	4.60	4.77
		AMPS	13.0	13.3	13.8	14.4	14.1	14.5	15.0	15.6	15.4	15.8	16.4	17.0	16.5	17.0	17.6	18.3	17.7	18.1	18.8	19.5	18.8	19.2	19.9	20.7
		HI PR	172	185	195	203	193	207	219	228	219	236	249	260	250	269	284	296	281	302	319	333	310	334	352	368
		LO PR	62	66	72	76	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	92	77	82	90	96
	1350	MBh	39.3	40.0	41.9	44.7	38.2	38.9	40.7	43.5	37.4	38.2	40.0	42.7	36.3	37.1	38.8	41.4	34.5	35.2	36.9	39.3	32.0	32.6	34.1	36.4
		S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.91	0.74
		Delta T	24	24	23	20	24	24	23	20	24	24	23	20	25	24	23	20	24	24	23	20	22	22	21	18
		KW	3.24	3.32	3.43	3.55	3.51	3.60	3.72	3.85	3.75	3.84	3.98	4.12	3.97	4.06	4.20	4.35	4.15	4.24	4.40	4.55	4.30	4.40	4.56	4.73
		AMPS	12.9	13.2	13.7	14.2	14.0	14.4	14.9	15.4	15.3	15.7	16.2	16.9	16.4	16.8	17.4	18.1	17.5	17.9	18.6	19.3	18.6	19.1	19.7	20.5
		HI PR	170	183	193	201	191	205	217	226	217	233	247	257	247	266	281	293	278	299	316	329	307	331	349	364
		LO PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	87	74	79	86	92	77	81	89	95
	1181	MBh	36.1	36.8	38.6	41.2	35.1	35.8	37.5	40.0	34.4	35.1	36.8	39.2	33.4	34.1	35.7	38.1	31.8	32.4	33.9	36.2	29.4	30.0	31.4	33.5
		S/T	0.88	0.85	0.76	0.62	0.91	0.88	0.79	0.64	0.93	0.90	0.81	0.66	0.97	0.93	0.84	0.68	1.00	0.97	0.88	0.71	1.00	0.98	0.88	0.71
		Delta T	25	24	23	20	25	25	23	20	25	25	23	20	25	25	23	20	25	25	23	20	23	23	22	19
		KW	3.16	3.23	3.34	3.46	3.42	3.50	3.62	3.75	3.65	3.74	3.87	4.01	3.86	3.95	4.09	4.24	4.03	4.13	4.28	4.43	4.19	4.29	4.44	4.60
		AMPS	12.5	12.8	13.3	13.8	13.6	13.9	14.4	15.0	14.8	15.2	15.7	16.4	15.9	16.3	16.9	17.6	17.0	17.4	18.0	18.8	18.0	18.5	19.2	19.9
		HI PR	165	177	187	195	185	199	210	219	210	226	239	249	240	258	272	284	270	290	306	320	298	321	339	353
		LO PR	59	63	69	73	63	67	73	78	65	69	76	81	68	73	80	85	72	76	83	89	74	79	86	92

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA42C2C

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA48C2A/CCA48F*C

IDB* Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1800	MBh	44.8	46.5	50.9	-	43.8	45.4	49.7	-	42.7	44.3	48.5	-	41.7	43.2	47.3	-	39.6	41.1	45.0	-	36.7	38.0	41.7	-
		S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.49	-
		Delta T	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
		KW	3.98	4.06	4.18	-	4.28	4.37	4.51	-	4.54	4.64	4.79	-	4.78	4.88	5.04	-	4.98	5.09	5.25	-	5.15	5.26	5.44	-
		AMPS	15.1	15.5	16.0	-	16.4	16.8	17.4	-	17.8	18.3	18.9	-	19.1	19.5	20.2	-	20.3	20.8	21.5	-	21.5	22.1	22.8	-
		HI PR	159	172	181	-	179	192	203	-	203	219	231	-	232	249	263	-	261	280	296	-	288	310	327	-
	LO PR	61	65	70	-	64	68	74	-	67	71	77	-	70	74	81	-	73	78	85	-	76	81	88	-	
	1600	MBh	43.5	45.1	49.4	-	42.5	44.1	48.3	-	41.5	43.0	47.1	-	40.5	42.0	46.0	-	38.5	39.9	43.7	-	35.6	36.9	40.4	-
		S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-
		Delta T	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-
		KW	3.94	4.03	4.15	-	4.24	4.33	4.47	-	4.51	4.60	4.75	-	4.74	4.84	5.00	-	4.94	5.04	5.21	-	5.11	5.22	5.39	-
		AMPS	15.0	15.4	15.9	-	16.2	16.6	17.2	-	17.7	18.1	18.7	-	18.9	19.4	20.0	-	20.1	20.6	21.3	-	21.3	21.9	22.6	-
		HI PR	158	170	179	-	177	191	201	-	201	217	229	-	229	247	261	-	258	278	293	-	285	307	324	-
	LO PR	60	64	70	-	63	68	74	-	66	70	77	-	69	74	80	-	73	77	84	-	75	80	87	-	
	1400	MBh	40.2	41.6	45.6	-	39.2	40.7	44.5	-	38.3	39.7	43.5	-	37.4	38.7	42.4	-	35.5	36.8	40.3	-	32.9	34.1	37.3	-
		S/T	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.77	0.64	0.45	-
		Delta T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-
		KW	3.85	3.93	4.05	-	4.14	4.23	4.36	-	4.40	4.49	4.63	-	4.62	4.72	4.87	-	4.81	4.92	5.08	-	4.98	5.09	5.26	-
		AMPS	14.6	14.9	15.4	-	15.8	16.2	16.7	-	17.2	17.6	18.2	-	18.4	18.8	19.5	-	19.6	20.0	20.7	-	20.7	21.3	22.0	-
		HI PR	153	165	174	-	172	185	195	-	195	210	222	-	223	239	253	-	250	269	284	-	277	298	314	-
	LO PR	58	62	68	-	62	65	71	-	64	68	74	-	67	71	78	-	70	75	82	-	73	77	85	-	

75	1800	MBh	45.6	46.9	50.8	54.5	44.5	45.8	49.6	53.2	43.5	44.7	48.4	52.0	42.4	43.7	47.3	50.7	40.3	41.5	44.9	48.2	37.3	38.4	41.6	44.6
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.95	0.85	0.64	0.41	0.95	0.85	0.65	0.42
		Delta T	19	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	19	18	15	10	18	17	14	9
		KW	4.01	4.09	4.22	4.35	4.31	4.40	4.54	4.69	4.58	4.68	4.83	4.99	4.82	4.92	5.08	5.25	5.02	5.13	5.30	5.47	5.19	5.31	5.48	5.67
		AMPS	15.3	15.7	16.2	16.8	16.5	16.9	17.5	18.2	18.0	18.4	19.1	19.8	19.3	19.7	20.4	21.2	20.5	21.0	21.7	22.6	21.7	22.3	23.1	23.9
		HI PR	161	173	183	191	181	194	205	214	206	221	234	244	234	252	266	277	263	283	299	312	291	313	331	345
		LO PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	87	74	79	86	92	77	82	89	95
	1600	MBh	44.3	45.6	49.3	52.9	43.2	44.5	48.2	51.7	42.2	43.4	47.0	50.5	41.2	42.4	45.9	49.2	39.1	40.3	43.6	46.8	36.2	37.3	40.4	43.3
		S/T	0.79	0.71	0.54	0.34	0.82	0.73	0.56	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40
		Delta T	20	19	15	10	20	19	15	11	20	19	15	11	21	19	15	11	20	19	15	11	19	17	14	10
		KW	3.98	4.06	4.18	4.32	4.28	4.37	4.51	4.65	4.54	4.64	4.79	4.95	4.78	4.88	5.04	5.21	4.98	5.09	5.25	5.43	5.15	5.26	5.44	5.62
		AMPS	15.1	15.5	16.0	16.6	16.4	16.8	17.4	18.0	17.8	18.3	18.9	19.6	19.1	19.5	20.2	21.0	20.3	20.8	21.5	22.4	21.5	22.1	22.8	23.7
		HI PR	159	172	181	189	179	193	203	212	203	219	231	241	232	249	263	275	261	281	296	309	288	310	327	341
		LO PR	61	65	70	75	64	68	74	79	67	71	77	82	70	74	81	87	73	78	85	91	76	81	88	94
	1400	MBh	40.8	42.1	45.5	48.9	39.9	41.1	44.5	47.7	38.9	40.1	43.4	46.6	38.0	39.1	42.3	45.4	36.1	37.2	40.2	43.2	33.4	34.4	37.3	40.0
		S/T	0.76	0.68	0.52	0.33	0.79	0.71	0.54	0.34	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.88	0.78	0.59	0.38
		Delta T	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
		KW	3.88	3.96	4.09	4.21	4.17	4.26	4.40	4.54	4.43	4.53	4.67	4.82	4.66	4.76	4.92	5.08	4.85	4.96	5.12	5.29	5.02	5.13	5.30	5.48
		AMPS	14.7	15.1	15.6	16.2	15.9	16.3	16.9	17.5	17.3	17.8	18.4	19.1	18.5	19.0	19.6	20.4	19.7	20.2	20.9	21.7	20.9	21.5	22.2	23.0
		HI PR	155	166	176	183	174	187	197	206	197	212	224	234	225	242	255	266	253	272	287	300	279	301	318	331
		LO PR	59	63	68	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	85	91

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA48C2A

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA48C2A/CCA48F*C

IDB* Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1800	MBh	46.4	47.4	50.6	54.1	45.3	46.3	49.5	52.9	44.2	45.2	48.3	51.6	43.2	44.1	47.1	50.4	41.0	41.9	44.8	47.8	38.0	38.8	41.5	44.3
		S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.80	0.60
		Delta T	22	21	18	14	22	21	18	15	22	21	18	15	22	21	18	15	21	21	18	14	19	20	17	13
		KW	4.04	4.12	4.25	4.39	4.35	4.44	4.58	4.73	4.62	4.72	4.87	5.03	4.86	4.96	5.13	5.30	5.06	5.17	5.34	5.52	5.24	5.35	5.53	5.72
		AMPS	15.4	15.8	16.3	16.9	16.7	17.1	17.7	18.3	18.2	18.6	19.2	20.0	19.4	19.9	20.6	21.4	20.7	21.2	21.9	22.8	22.0	22.5	23.3	24.2
		HI PR	163	175	185	193	183	196	207	216	208	223	236	246	236	254	269	280	266	286	302	315	294	316	334	348
		LO PR	62	66	72	77	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96
	1600	MBh	45.0	46.0	49.2	52.6	44.0	45.0	48.0	51.3	42.9	43.9	46.9	50.1	41.9	42.8	45.7	48.9	39.8	40.7	43.5	46.4	36.9	37.7	40.2	43.0
		S/T	0.87	0.81	0.66	0.50	0.90	0.84	0.69	0.51	0.92	0.87	0.70	0.53	0.95	0.89	0.73	0.54	0.99	0.93	0.75	0.56	1.00	0.93	0.76	0.57
		Delta T	22	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14
		KW	4.01	4.09	4.22	4.35	4.31	4.40	4.54	4.69	4.58	4.68	4.83	4.99	4.82	4.92	5.08	5.25	5.02	5.13	5.30	5.48	5.19	5.31	5.48	5.67
		AMPS	15.3	15.7	16.2	16.8	16.5	16.9	17.5	18.2	18.0	18.4	19.1	19.8	19.3	19.7	20.4	21.2	20.5	21.0	21.7	22.6	21.7	22.3	23.1	23.9
		HI PR	161	173	183	191	181	194	205	214	206	221	234	244	234	252	266	277	263	283	299	312	291	313	331	345
		LO PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	87	74	79	86	92	77	82	89	95
	1400	MBh	41.6	42.5	45.4	48.5	40.6	41.5	44.3	47.4	39.6	40.5	43.3	46.3	38.7	39.5	42.2	45.1	36.7	37.5	40.1	42.9	34.0	34.8	37.1	39.7
		S/T	0.84	0.79	0.64	0.48	0.87	0.81	0.66	0.50	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.96	0.90	0.73	0.55
		Delta T	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	16	23	22	19	15	21	21	18	14
		KW	3.91	3.99	4.12	4.25	4.21	4.30	4.43	4.58	4.47	4.56	4.71	4.86	4.70	4.80	4.96	5.12	4.89	5.00	5.17	5.34	5.06	5.17	5.35	5.52
		AMPS	14.9	15.2	15.7	16.3	16.1	16.5	17.0	17.7	17.5	17.9	18.5	19.2	18.7	19.2	19.8	20.6	19.9	20.4	21.1	21.9	21.1	21.7	22.4	23.3
		HI PR	156	168	178	185	175	189	199	208	199	215	227	236	227	244	258	269	255	275	290	303	282	304	321	335
		LO PR	59	63	69	74	63	67	73	78	65	69	76	81	69	73	80	85	72	76	83	89	74	79	86	92

85	1800	MBh	47.2	48.1	50.4	53.8	46.1	47.0	49.2	52.5	45.0	45.9	48.0	51.3	43.9	44.8	46.9	50.0	41.7	42.5	44.5	47.5	38.6	39.4	41.2	44.0
		S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.95	0.77
		Delta T	23	23	21	19	23	23	22	19	23	23	22	19	22	23	22	19	21	22	22	19	20	20	20	17
		KW	4.07	4.16	4.29	4.42	4.38	4.47	4.62	4.77	4.65	4.76	4.91	5.07	4.90	5.00	5.17	5.34	5.10	5.22	5.39	5.57	5.28	5.40	5.58	5.76
		AMPS	15.6	15.9	16.5	17.1	16.8	17.3	17.8	18.5	18.3	18.8	19.4	20.2	19.6	20.1	20.8	21.6	20.9	21.4	22.1	23.0	22.2	22.7	23.5	24.4
		HI PR	164	177	187	195	184	198	209	218	210	226	238	248	239	257	271	283	269	289	305	318	297	319	337	352
		LO PR	63	67	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	93	78	83	91	97
	1600	MBh	45.8	46.7	48.9	52.2	44.8	45.6	47.8	51.0	43.7	44.5	46.6	49.8	42.6	43.5	45.5	48.6	40.5	41.3	43.2	46.1	37.5	38.2	40.0	42.7
		S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.97	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
		Delta T	24	24	22	19	24	24	23	20	24	24	23	20	24	24	23	20	23	24	22	19	22	22	21	18
		KW	4.04	4.12	4.25	4.39	4.35	4.44	4.58	4.73	4.62	4.72	4.87	5.03	4.86	4.96	5.13	5.30	5.06	5.17	5.34	5.52	5.24	5.35	5.53	5.72
		AMPS	15.4	15.8	16.3	16.9	16.7	17.1	17.7	18.3	18.2	18.6	19.2	20.0	19.4	19.9	20.6	21.4	20.7	21.2	21.9	22.8	22.0	22.5	23.3	24.2
		HI PR	163	175	185	193	183	196	207	216	208	223	236	246	236	254	269	280	266	286	302	315	294	316	334	348
		LO PR	62	66	72	77	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96
	1400	MBh	42.3	43.1	45.2	48.2	41.3	42.1	44.1	47.1	40.3	41.1	43.1	45.9	39.3	40.1	42.0	44.8	37.4	38.1	39.9	42.6	34.6	35.3	37.0	39.4
		S/T	0.88	0.85	0.76	0.62	0.91	0.88	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.97	0.88	0.71
		Delta T	24	24	23	20	25	24	23	20	25	24	23	20	25	24	23	20	25	24	23	20	23	23	21	18
		KW	3.94	4.03	4.15	4.28	4.24	4.33	4.47	4.61	4.50	4.60	4.75	4.90	4.74	4.84	5.00	5.16	4.93	5.04	5.21	5.38	5.10	5.22	5.39	5.57
		AMPS	15.0	15.4	15.9	16.5	16.2	16.6	17.2	17.8	17.7	18.1	18.7	19.4	18.9	19.4	20.0	20.8	20.1	20.6	21.3	22.1	21.3	21.9	22.6	23.5
		HI PR	158	170	179	187	177	191	201	210	201	217	229	239	229	247	261	272	258	278	293	306	285	307	324	338
		LO PR	60	64	70	74	63	67	74	78	66	70	77	82	69	74	80	86	73	77	84	90	75	80	87	93

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA48C2A

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA48C2B/CCA57F*C

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1800	MBh	44.1	45.7	50.1	-	43.1	44.6	48.9	-	42.0	43.6	47.7	-	41.0	42.5	46.6	-	39.0	40.4	44.3	-	36.1	37.4	41.0	-
		S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.49	-
		Delta T	16	14	10	-	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	15	13	10	-
		KW	3.66	3.73	3.85	-	3.93	4.01	4.13	-	4.17	4.25	4.39	-	4.38	4.47	4.61	-	4.56	4.65	4.80	-	4.71	4.81	4.97	-
		AMPS	13.5	13.8	14.3	-	14.6	14.9	15.4	-	15.9	16.2	16.8	-	17.0	17.4	18.0	-	18.1	18.5	19.1	-	19.2	19.6	20.3	-
		HI PR	162	174	184	-	182	195	206	-	206	222	235	-	235	253	267	-	265	285	301	-	292	315	332	-
		LO PR	62	66	72	-	65	69	76	-	68	72	79	-	71	76	83	-	75	79	87	-	77	82	90	-
	1600	MBh	42.8	44.4	48.6	-	41.8	43.3	47.5	-	40.8	42.3	46.4	-	39.8	41.3	45.2	-	37.8	39.2	43.0	-	35.0	36.3	39.8	-
		S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-
		Delta T	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	14	11	-	16	14	10	-
		KW	3.63	3.70	3.82	-	3.90	3.98	4.10	-	4.13	4.22	4.35	-	4.34	4.44	4.58	-	4.52	4.62	4.77	-	4.67	4.77	4.93	-
		AMPS	13.3	13.7	14.1	-	14.4	14.8	15.3	-	15.7	16.1	16.6	-	16.8	17.2	17.8	-	17.9	18.3	19.0	-	19.0	19.5	20.1	-
		HI PR	160	172	182	-	180	193	204	-	204	220	232	-	233	251	265	-	262	282	298	-	289	311	329	-
		LO PR	61	65	71	-	65	69	75	-	67	71	78	-	70	75	82	-	74	79	86	-	76	81	89	-
	1400	MBh	39.5	41.0	44.9	-	38.6	40.0	43.8	-	37.7	39.1	42.8	-	36.8	38.1	41.7	-	34.9	36.2	39.7	-	32.3	33.5	36.7	-
		S/T	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.77	0.64	0.45	-
		Delta T	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
		KW	3.55	3.62	3.73	-	3.81	3.89	4.00	-	4.04	4.12	4.25	-	4.24	4.33	4.47	-	4.41	4.50	4.65	-	4.56	4.66	4.81	-
		AMPS	13.0	13.3	13.7	-	14.0	14.4	14.9	-	15.3	15.6	16.2	-	16.3	16.7	17.3	-	17.4	17.8	18.4	-	18.4	18.9	19.5	-
		HI PR	155	167	177	-	174	188	198	-	198	213	225	-	226	243	257	-	254	273	289	-	281	302	319	-
		LO PR	59	63	69	-	63	67	73	-	65	69	76	-	68	73	79	-	72	76	83	-	74	79	86	-

75	1800	MBh	44.8	46.2	50.0	53.6	43.8	45.1	48.8	52.4	42.8	44.0	47.7	51.1	41.7	42.9	46.5	49.9	39.6	40.8	44.2	47.4	36.7	37.8	40.9	43.9
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.95	0.85	0.65	0.42
		Delta T	18	17	14	10	19	17	14	10	19	17	14	10	19	17	14	10	19	17	14	10	17	16	13	9
		KW	3.69	3.76	3.88	4.00	3.96	4.04	4.17	4.30	4.20	4.29	4.42	4.57	4.41	4.51	4.65	4.80	4.59	4.69	4.84	5.00	4.75	4.85	5.01	5.18
		AMPS	13.6	13.9	14.4	14.9	14.7	15.1	15.6	16.2	16.0	16.4	16.9	17.6	17.1	17.5	18.1	18.8	18.2	18.7	19.3	20.1	19.3	19.8	20.5	21.3
		HI PR	163	176	186	194	183	197	208	217	209	224	237	247	238	256	270	282	267	288	304	317	295	318	336	350
		LO PR	62	66	72	77	66	70	76	81	68	73	79	85	72	76	83	89	75	80	87	93	78	83	91	96
	1600	MBh	43.5	44.8	48.5	52.1	42.5	43.8	47.4	50.9	41.5	42.7	46.3	49.7	40.5	41.7	45.1	48.4	38.5	39.6	42.9	46.0	35.6	36.7	39.7	42.6
		S/T	0.79	0.71	0.54	0.35	0.82	0.73	0.56	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40
		Delta T	19	18	15	10	19	18	15	10	19	18	15	10	20	18	15	10	19	18	15	10	18	17	14	9
		KW	3.66	3.73	3.85	3.97	3.93	4.01	4.13	4.27	4.17	4.26	4.39	4.53	4.38	4.47	4.61	4.76	4.56	4.66	4.81	4.96	4.71	4.81	4.97	5.13
		AMPS	13.5	13.8	14.3	14.8	14.6	14.9	15.4	16.0	15.9	16.2	16.8	17.4	17.0	17.4	18.0	18.7	18.1	18.5	19.1	19.9	19.2	19.6	20.3	21.1
		HI PR	162	174	184	192	182	195	206	215	207	222	235	245	235	253	267	279	265	285	301	314	292	315	332	347
		LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	95
	1400	MBh	40.2	41.4	44.8	48.1	39.3	40.4	43.7	46.9	38.3	39.5	42.7	45.8	37.4	38.5	41.7	44.7	35.5	36.6	39.6	42.5	32.9	33.9	36.7	39.3
		S/T	0.76	0.68	0.52	0.33	0.79	0.71	0.54	0.34	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.88	0.78	0.59	0.38
		Delta T	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	10
		KW	3.57	3.65	3.76	3.87	3.84	3.92	4.04	4.16	4.07	4.15	4.28	4.42	4.27	4.36	4.50	4.65	4.45	4.54	4.69	4.84	4.60	4.70	4.85	5.01
		AMPS	13.1	13.4	13.9	14.4	14.2	14.5	15.0	15.6	15.4	15.8	16.3	16.9	16.5	16.9	17.5	18.1	17.6	18.0	18.6	19.3	18.6	19.1	19.7	20.5
		HI PR	157	169	178	186	176	190	200	209	200	216	228	237	228	246	259	270	257	276	292	304	284	305	322	336
		LO PR	60	64	70	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	89	75	80	87	93

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA48C2B

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA48C2B/CCA57F*C

IDB* Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1800	MBh	45.6	46.6	49.8	53.3	44.6	45.6	48.7	52.0	43.5	44.5	47.5	50.8	42.5	43.4	46.4	49.5	40.3	41.2	44.0	47.1	37.4	38.2	40.8	43.6
		S/T	0.91	0.85	0.70	0.52	0.94	0.89	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.80	0.60
		Delta T	21	20	17	14	21	20	17	14	21	20	17	14	21	20	18	14	20	20	17	14	19	19	16	13
		KW	3.71	3.79	3.91	4.03	3.99	4.07	4.20	4.33	4.23	4.32	4.46	4.60	4.45	4.54	4.69	4.84	4.63	4.73	4.88	5.05	4.79	4.89	5.05	5.22
		AMPS	13.7	14.1	14.5	15.1	14.8	15.2	15.7	16.3	16.2	16.6	17.1	17.8	17.3	17.7	18.3	19.0	18.4	18.9	19.5	20.3	19.5	20.0	20.7	21.5
		HI PR	165	178	188	196	185	199	211	220	211	227	239	250	240	258	273	284	270	291	307	320	298	321	339	354
		LO PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	84	90	76	81	88	94	79	84	91	97
	1600	MBh	44.3	45.3	48.4	51.7	43.3	44.2	47.3	50.5	42.3	43.2	46.1	49.3	41.2	42.1	45.0	48.1	39.2	40.0	42.8	45.7	36.3	37.1	39.6	42.3
		S/T	0.87	0.82	0.66	0.50	0.90	0.84	0.69	0.51	0.92	0.87	0.70	0.53	0.95	0.89	0.73	0.54	0.99	0.93	0.76	0.56	1.00	0.94	0.76	0.57
		Delta T	21	21	18	14	22	21	18	14	22	21	18	14	22	21	18	15	22	21	18	14	20	19	17	13
		KW	3.69	3.76	3.88	4.00	3.96	4.04	4.17	4.30	4.20	4.29	4.42	4.57	4.41	4.51	4.65	4.80	4.59	4.69	4.84	5.00	4.75	4.85	5.01	5.18
		AMPS	13.6	13.9	14.4	14.9	14.7	15.1	15.6	16.2	16.0	16.4	17.0	17.6	17.1	17.5	18.1	18.8	18.2	18.7	19.3	20.1	19.3	19.8	20.5	21.3
		HI PR	163	176	186	194	183	197	208	217	209	224	237	247	238	256	270	282	267	288	304	317	295	318	336	350
		LO PR	62	66	72	77	66	70	76	81	68	73	79	85	72	76	84	89	75	80	88	93	78	83	91	96
	1400	MBh	40.9	41.8	44.7	47.7	39.9	40.8	43.6	46.6	39.0	39.8	42.6	45.5	38.0	38.9	41.5	44.4	36.1	36.9	39.5	42.2	33.5	34.2	36.6	39.1
		S/T	0.84	0.79	0.64	0.48	0.87	0.81	0.66	0.50	0.89	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.96	0.90	0.73	0.55
		Delta T	22	21	18	15	22	21	18	15	22	21	18	15	22	21	19	15	22	21	18	15	21	20	17	14
		KW	3.60	3.68	3.79	3.90	3.87	3.95	4.07	4.20	4.10	4.19	4.32	4.46	4.31	4.40	4.54	4.69	4.48	4.58	4.73	4.88	4.63	4.73	4.89	5.05
		AMPS	13.2	13.5	14.0	14.5	14.3	14.7	15.1	15.7	15.6	15.9	16.5	17.1	16.6	17.1	17.6	18.3	17.7	18.2	18.8	19.5	18.8	19.3	19.9	20.7
		HI PR	159	171	180	188	178	191	202	211	202	218	230	240	230	248	262	273	259	279	295	307	286	308	326	340
		LO PR	60	64	70	75	64	68	74	79	66	71	77	82	70	74	81	86	73	78	85	90	76	80	88	94

85	1800	MBh	46.4	47.3	49.6	52.9	45.4	46.2	48.4	51.7	44.3	45.1	47.3	50.4	43.2	44.0	46.1	49.2	41.0	41.8	43.8	46.7	38.0	38.8	40.6	43.3
		S/T	0.96	0.92	0.83	0.67	0.99	0.96	0.86	0.70	1.00	0.98	0.88	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.77
		Delta T	22	22	20	18	22	22	21	18	22	22	21	18	21	22	21	18	20	21	21	18	19	19	19	17
		KW	3.74	3.82	3.94	4.06	4.02	4.11	4.23	4.37	4.27	4.36	4.50	4.64	4.48	4.58	4.73	4.88	4.67	4.77	4.92	5.09	4.83	4.93	5.09	5.26
		AMPS	13.8	14.2	14.7	15.2	15.0	15.4	15.9	16.5	16.3	16.7	17.3	17.9	17.4	17.9	18.5	19.2	18.6	19.0	19.7	20.5	19.7	20.2	20.9	21.7
		HI PR	167	179	189	198	187	201	213	222	213	229	242	252	242	261	275	287	273	293	310	323	301	324	342	357
		LO PR	64	68	74	79	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	85	92	98
	1600	MBh	45.1	46.0	48.1	51.4	44.0	44.9	47.0	50.2	43.0	43.8	45.9	49.0	41.9	42.8	44.8	47.8	39.8	40.6	42.5	45.4	36.9	37.6	39.4	42.0
		S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.97	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
		Delta T	23	23	21	18	23	23	22	19	23	23	22	19	23	23	22	19	22	23	21	19	21	21	20	17
		KW	3.71	3.79	3.91	4.03	3.99	4.07	4.20	4.33	4.23	4.32	4.46	4.60	4.45	4.54	4.69	4.84	4.63	4.73	4.88	5.05	4.79	4.89	5.05	5.22
		AMPS	13.7	14.1	14.5	15.1	14.8	15.2	15.7	16.3	16.2	16.6	17.1	17.8	17.3	17.7	18.3	19.0	18.4	18.9	19.5	20.3	19.5	20.0	20.7	21.5
		HI PR	165	178	188	196	185	199	211	220	211	227	239	250	240	258	273	284	270	291	307	320	298	321	339	354
		LO PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	84	90	76	81	88	94	79	84	91	97
	1400	MBh	41.6	42.4	44.4	47.4	40.6	41.4	43.4	46.3	39.7	40.4	42.4	45.2	38.7	39.5	41.3	44.1	36.8	37.5	39.3	41.9	34.1	34.7	36.4	38.8
		S/T	0.88	0.85	0.77	0.62	0.91	0.88	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.97	0.88	0.71
		Delta T	23	23	22	19	24	23	22	19	24	23	22	19	24	23	22	19	23	23	22	19	22	22	20	18
		KW	3.63	3.70	3.82	3.93	3.90	3.98	4.10	4.23	4.13	4.22	4.35	4.49	4.34	4.43	4.58	4.72	4.52	4.62	4.76	4.92	4.67	4.77	4.93	5.09
		AMPS	13.3	13.7	14.1	14.7	14.4	14.8	15.3	15.9	15.7	16.1	16.6	17.3	16.8	17.2	17.8	18.5	17.9	18.3	19.0	19.7	19.0	19.4	20.1	20.9
		HI PR	160	172	182	190	180	193	204	213	204	220	232	242	233	250	265	276	262	282	298	310	289	311	329	343
		LO PR	61	65	71	76	65	69	75	80	67	71	78	83	70	75	82	87	74	79	86	91	76	81	89	94

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA48C2B

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA48C2C/CA*F048*2*

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1850	MBh	44.3	45.9	50.3	-	43.1	44.6	48.9	-	42.3	43.8	48.0	-	41.0	42.5	46.6	-	39.0	40.4	44.3	-	36.1	37.4	41.0	-
		S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.84	0.70	0.48	-	0.84	0.70	0.48	-
		Delta T	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	15	13	10	-
		KW	3.23	3.30	3.41	-	3.50	3.58	3.70	-	3.73	3.82	3.96	-	3.95	4.04	4.18	-	4.12	4.22	4.37	-	4.28	4.38	4.54	-
		AMPS	12.9	13.2	13.7	-	14.0	14.3	14.8	-	15.3	15.7	16.2	-	16.4	16.8	17.4	-	17.5	17.9	18.6	-	18.6	19.0	19.7	-
		HI PR	162	174	184	-	182	195	206	-	206	222	235	-	235	253	267	-	265	285	301	-	292	315	332	-
		LO PR	62	66	72	-	65	69	76	-	68	72	79	-	71	76	83	-	75	79	87	-	77	82	90	-
	1650	MBh	43.0	44.6	48.8	-	41.8	43.3	47.5	-	41.0	42.5	46.6	-	39.8	41.3	45.2	-	37.8	39.2	43.0	-	35.0	36.3	39.8	-
		S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.73	0.61	0.43	-	0.76	0.64	0.44	-	0.80	0.67	0.46	-	0.80	0.67	0.46	-
		Delta T	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
		KW	3.20	3.27	3.38	-	3.47	3.55	3.67	-	3.70	3.79	3.92	-	3.91	4.00	4.14	-	4.09	4.19	4.33	-	4.24	4.34	4.50	-
		AMPS	12.8	13.1	13.5	-	13.9	14.2	14.7	-	15.1	15.5	16.0	-	16.2	16.6	17.2	-	17.3	17.8	18.4	-	18.4	18.9	19.5	-
		HI PR	160	172	182	-	180	193	204	-	204	220	232	-	233	251	265	-	262	282	298	-	289	311	329	-
		LO PR	61	65	71	-	65	69	75	-	67	71	78	-	70	75	82	-	74	79	86	-	76	81	89	-
	1444	MBh	39.6	41.0	44.9	-	38.5	39.9	43.7	-	37.7	39.1	42.9	-	36.6	38.0	41.6	-	34.8	36.1	39.5	-	32.2	33.4	36.6	-
		S/T	0.67	0.56	0.39	-	0.70	0.58	0.40	-	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.77	0.65	0.45	-
		Delta T	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
		KW	3.12	3.19	3.30	-	3.38	3.45	3.57	-	3.60	3.69	3.82	-	3.81	3.90	4.03	-	3.98	4.07	4.22	-	4.13	4.23	4.37	-
		AMPS	12.4	12.7	13.1	-	13.5	13.8	14.3	-	14.7	15.1	15.6	-	15.7	16.1	16.7	-	16.8	17.2	17.8	-	17.9	18.3	19.0	-
		HI PR	155	167	177	-	174	188	198	-	198	213	225	-	226	243	257	-	254	273	289	-	281	302	319	-
		LO PR	59	63	69	-	63	67	73	-	65	69	76	-	68	73	79	-	72	76	83	-	74	79	86	-

75	1850	MBh	45.1	46.4	50.2	53.9	43.8	45.1	48.8	52.4	43.0	44.3	47.9	51.4	41.7	43.0	46.5	49.9	39.6	40.8	44.2	47.4	36.7	37.8	40.9	43.9
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.78	0.59	0.38	0.91	0.81	0.62	0.40	0.95	0.85	0.64	0.41	0.95	0.85	0.64	0.42
		Delta T	19	17	14	10	19	17	14	10	19	17	14	10	19	17	14	10	19	17	14	10	17	16	13	9
		KW	3.25	3.33	3.44	3.56	3.53	3.61	3.74	3.87	3.77	3.86	3.99	4.13	3.98	4.08	4.22	4.37	4.16	4.26	4.41	4.57	4.32	4.42	4.58	4.74
		AMPS	13.0	13.3	13.8	14.3	14.1	14.5	15.0	15.6	15.4	15.8	16.4	17.0	16.5	17.0	17.5	18.2	17.6	18.1	18.7	19.5	18.7	19.2	19.9	20.7
		HI PR	163	176	186	194	183	197	208	217	209	224	237	247	238	256	270	282	267	288	304	317	295	318	336	350
		LO PR	62	66	72	77	66	70	76	81	68	73	79	85	72	76	83	89	75	80	87	93	78	83	91	96
	1650	MBh	43.7	45.1	48.7	52.3	42.5	43.8	47.4	50.8	41.7	43.0	46.5	49.9	40.5	41.7	45.1	48.4	38.5	39.6	42.9	46.0	35.6	36.7	39.7	42.6
		S/T	0.79	0.71	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.91	0.81	0.61	0.39	0.91	0.81	0.62	0.40
		Delta T	19	18	15	10	19	18	15	10	19	18	15	10	20	18	15	10	19	18	15	10	18	17	14	9
		KW	3.23	3.30	3.41	3.53	3.50	3.58	3.70	3.83	3.74	3.82	3.96	4.10	3.95	4.04	4.18	4.33	4.13	4.22	4.37	4.53	4.28	4.38	4.54	4.70
		AMPS	12.9	13.2	13.7	14.2	14.0	14.3	14.8	15.4	15.3	15.7	16.2	16.8	16.4	16.8	17.4	18.1	17.5	17.9	18.6	19.3	18.6	19.0	19.7	20.5
		HI PR	162	174	184	192	182	195	206	215	207	222	235	245	235	253	267	279	265	285	301	314	292	315	332	347
		LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	95
	1444	MBh	40.2	41.4	44.8	48.1	39.1	40.3	43.6	46.8	38.4	39.5	42.8	45.9	37.3	38.4	41.5	44.5	35.4	36.5	39.4	42.3	32.8	33.8	36.5	39.2
		S/T	0.76	0.68	0.52	0.33	0.79	0.71	0.54	0.35	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.37	0.88	0.78	0.59	0.38	0.88	0.79	0.60	0.38
		Delta T	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	10
		KW	3.14	3.22	3.32	3.44	3.41	3.48	3.60	3.73	3.64	3.72	3.85	3.99	3.84	3.93	4.07	4.22	4.01	4.11	4.26	4.41	4.16	4.26	4.41	4.57
		AMPS	12.5	12.8	13.3	13.8	13.6	13.9	14.4	15.0	14.8	15.2	15.7	16.4	15.9	16.3	16.9	17.5	17.0	17.4	18.0	18.7	18.0	18.5	19.1	19.9
		HI PR	157	169	178	186	176	190	200	209	200	216	228	237	228	246	259	270	257	276	292	304	284	305	322	336
		LO PR	60	64	70	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	89	75	80	87	93

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA48C2C

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA48C2C/CA*F048*2*

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1850	MBh	45.9	46.9	50.1	53.5	44.6	45.6	48.7	52.0	43.7	44.7	47.7	51.0	42.5	43.4	46.4	49.5	40.3	41.2	44.0	47.1	37.4	38.2	40.8	43.6
		S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.73	0.55	1.00	0.94	0.76	0.57	1.00	1.00	0.80	0.59	1.00	1.00	0.80	0.60
		Delta T	21	20	17	14	21	20	17	14	21	20	17	14	21	20	18	14	20	20	17	14	19	19	16	13
		KW	3.28	3.36	3.47	3.60	3.56	3.64	3.77	3.90	3.80	3.89	4.03	4.17	4.02	4.11	4.26	4.41	4.20	4.30	4.45	4.61	4.36	4.46	4.62	4.79
		AMPS	13.1	13.5	13.9	14.5	14.3	14.6	15.1	15.7	15.6	16.0	16.5	17.2	16.7	17.1	17.7	18.4	17.8	18.3	18.9	19.7	18.9	19.4	20.1	20.9
		HI PR	165	178	188	196	185	199	211	220	211	227	239	250	240	258	273	284	270	291	307	320	298	321	339	354
		LO PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	84	90	76	81	88	94	79	84	91	97
	1650	MBh	44.5	45.5	48.6	52.0	43.3	44.2	47.3	50.5	42.5	43.4	46.4	49.5	41.2	42.1	45.0	48.1	39.2	40.0	42.8	45.7	36.3	37.1	39.6	42.3
		S/T	0.87	0.81	0.66	0.49	0.90	0.84	0.69	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.99	0.93	0.76	0.57	1.00	0.93	0.76	0.57
		Delta T	21	21	18	14	22	21	18	14	22	21	18	14	22	21	18	15	22	21	18	14	20	19	17	13
		KW	3.25	3.33	3.44	3.56	3.53	3.61	3.74	3.87	3.77	3.86	3.99	4.14	3.98	4.08	4.22	4.37	4.16	4.26	4.41	4.57	4.32	4.42	4.58	4.75
		AMPS	13.0	13.3	13.8	14.3	14.1	14.5	15.0	15.6	15.4	15.8	16.4	17.0	16.5	17.0	17.6	18.2	17.6	18.1	18.7	19.5	18.7	19.2	19.9	20.7
		HI PR	163	176	186	194	183	197	208	217	209	224	237	247	238	256	270	282	267	288	304	317	295	318	336	350
		LO PR	62	66	72	77	66	70	76	81	68	73	79	85	72	76	84	89	75	80	88	93	78	83	91	96
	1444	MBh	41.0	41.9	44.7	47.8	39.8	40.7	43.5	46.5	39.1	39.9	42.6	45.6	37.9	38.8	41.4	44.3	36.0	36.8	39.3	42.0	33.4	34.1	36.4	38.9
		S/T	0.84	0.78	0.64	0.48	0.87	0.82	0.66	0.50	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.53	0.96	0.90	0.73	0.55	0.96	0.90	0.74	0.55
		Delta T	22	21	18	15	22	21	18	15	22	21	18	15	22	21	19	15	22	21	18	15	20	20	17	14
		KW	3.17	3.24	3.35	3.47	3.44	3.52	3.64	3.76	3.67	3.76	3.89	4.02	3.88	3.97	4.11	4.25	4.05	4.15	4.29	4.45	4.20	4.30	4.46	4.62
		AMPS	12.6	13.0	13.4	13.9	13.7	14.1	14.6	15.1	15.0	15.4	15.9	16.5	16.1	16.5	17.0	17.7	17.1	17.6	18.2	18.9	18.2	18.7	19.3	20.1
		HI PR	159	171	180	188	178	191	202	211	202	218	230	240	230	248	262	273	259	279	295	307	286	308	326	340
		LO PR	60	64	70	75	64	68	74	79	66	71	77	82	70	74	81	86	73	78	85	90	76	80	88	94

85	1850	MBh	46.7	47.6	49.8	53.2	45.4	46.2	48.4	51.7	44.5	45.4	47.5	50.7	43.2	44.0	46.1	49.2	41.0	41.8	43.8	46.8	38.0	38.7	40.6	43.3
		S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.95	0.77
		Delta T	22	22	20	18	22	22	21	18	22	22	21	18	21	22	21	18	20	21	21	18	19	19	19	17
		KW	3.31	3.39	3.50	3.63	3.59	3.67	3.80	3.94	3.84	3.93	4.06	4.21	4.05	4.15	4.30	4.45	4.24	4.34	4.49	4.66	4.40	4.50	4.66	4.83
		AMPS	13.3	13.6	14.1	14.6	14.4	14.8	15.3	15.9	15.7	16.1	16.7	17.3	16.9	17.3	17.9	18.6	18.0	18.5	19.1	19.9	19.1	19.6	20.3	21.1
		HI PR	167	179	189	198	187	201	213	222	213	229	242	252	242	261	275	287	273	293	310	323	301	324	342	357
		LO PR	64	68	74	79	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	85	92	98
	1650	MBh	45.3	46.2	48.4	51.6	44.0	44.9	47.0	50.2	43.2	44.0	46.1	49.2	41.9	42.8	44.8	47.8	39.8	40.6	42.5	45.4	36.9	37.6	39.4	42.1
		S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.91	0.74
		Delta T	23	23	21	18	23	23	21	19	23	23	21	19	23	23	22	19	22	23	21	19	21	21	20	17
		KW	3.28	3.36	3.47	3.60	3.56	3.64	3.77	3.90	3.80	3.89	4.03	4.17	4.02	4.11	4.26	4.41	4.20	4.30	4.45	4.61	4.36	4.46	4.62	4.79
		AMPS	13.1	13.5	13.9	14.5	14.3	14.6	15.1	15.7	15.6	16.0	16.5	17.2	16.7	17.1	17.7	18.4	17.8	18.3	18.9	19.7	18.9	19.4	20.1	20.9
		HI PR	165	178	188	196	185	199	211	220	211	227	239	250	240	258	273	284	270	291	307	320	298	321	339	354
		LO PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	84	90	76	81	88	94	79	84	91	97
	1444	MBh	41.7	42.5	44.5	47.5	40.5	41.3	43.3	46.2	39.7	40.5	42.4	45.3	38.6	39.3	41.2	44.0	36.7	37.4	39.1	41.8	34.0	34.6	36.2	38.7
		S/T	0.88	0.85	0.76	0.62	0.91	0.88	0.79	0.64	0.93	0.90	0.81	0.66	0.97	0.93	0.84	0.68	1.00	0.97	0.88	0.71	1.00	0.98	0.88	0.71
		Delta T	23	23	22	19	24	23	22	19	24	23	22	19	24	23	22	19	23	23	22	19	22	21	20	18
		KW	3.20	3.27	3.38	3.50	3.47	3.55	3.67	3.80	3.70	3.79	3.92	4.06	3.91	4.00	4.14	4.29	4.09	4.18	4.33	4.49	4.24	4.34	4.50	4.66
		AMPS	12.8	13.1	13.5	14.1	13.8	14.2	14.7	15.3	15.1	15.5	16.0	16.7	16.2	16.6	17.2	17.9	17.3	17.7	18.4	19.1	18.4	18.9	19.5	20.3
		HI PR	160	172	182	190	180	193	204	213	204	220	232	242	233	250	265	276	262	282	298	310	289	311	329	343
		LO PR	61	65	71	76	65	69	75	80	67	71	78	83	70	75	82	87	74	79	86	91	76	81	89	94

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA48C2C

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA60C2A/CCA60F*C

IDB* Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	2250	MBh	56.7	58.7	64.3	-	55.3	57.4	62.8	-	54.0	56.0	61.3	-	52.7	54.6	59.9	-	50.1	51.9	56.9	-	46.4	48.1	52.7	-
		S/T	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.83	0.69	0.48	-
		Delta T	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
		KW	5.01	5.12	5.28	-	5.39	5.51	5.69	-	5.73	5.86	6.05	-	6.03	6.16	6.36	-	6.28	6.42	6.64	-	6.50	6.65	6.87	-
		AMPS	19.8	20.3	21.0	-	21.4	22.0	22.7	-	23.3	23.9	24.7	-	25.0	25.6	26.5	-	26.6	27.3	28.2	-	28.3	29.0	30.0	-
		HI PR	166	179	189	-	187	201	212	-	212	229	241	-	242	260	275	-	272	293	309	-	301	324	342	-
	LO PR	60	64	70	-	64	68	74	-	66	71	77	-	70	74	81	-	73	78	85	-	76	80	88	-	
	1808	MBh	54.7	56.7	62.2	-	53.5	55.4	60.7	-	52.2	54.1	59.3	-	50.9	52.8	57.8	-	48.4	50.1	54.9	-	44.8	46.4	50.9	-
		S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.78	0.65	0.45	-
		Delta T	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-
		KW	4.93	5.04	5.19	-	5.31	5.42	5.60	-	5.64	5.76	5.95	-	5.93	6.06	6.26	-	6.18	6.32	6.53	-	6.40	6.54	6.76	-
		AMPS	19.4	19.9	20.6	-	21.1	21.6	22.3	-	22.9	23.5	24.3	-	24.5	25.1	26.0	-	26.1	26.8	27.7	-	27.7	28.4	29.4	-
		HI PR	163	176	185	-	183	197	208	-	208	224	237	-	237	255	270	-	267	287	303	-	295	317	335	-
	LO PR	59	63	69	-	63	67	73	-	65	69	76	-	68	73	79	-	72	76	83	-	74	79	86	-	
	1750	MBh	54.2	56.2	61.5	-	52.9	54.9	60.1	-	51.7	53.6	58.7	-	50.4	52.3	57.3	-	47.9	49.6	54.4	-	44.4	46.0	50.4	-
		S/T	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.74	0.61	0.43	-	0.76	0.64	0.44	-	0.77	0.64	0.45	-
		Delta T	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	12	-
		KW	4.88	4.99	5.14	-	5.25	5.37	5.54	-	5.58	5.70	5.89	-	5.87	6.00	6.19	-	6.12	6.25	6.46	-	6.33	6.47	6.68	-
		AMPS	19.2	19.7	20.3	-	20.8	21.3	22.0	-	22.6	23.2	24.0	-	24.2	24.8	25.7	-	25.8	26.5	27.4	-	27.4	28.1	29.0	-
		HI PR	161	173	183	-	181	194	205	-	206	221	234	-	234	252	266	-	263	283	299	-	291	313	331	-
	LO PR	58	62	68	-	62	66	72	-	64	68	75	-	67	72	78	-	71	75	82	-	73	78	85	-	

75	2250	MBh	57.6	59.3	64.2	68.9	56.3	57.9	62.7	67.3	54.9	56.6	61.2	65.7	53.6	55.2	59.7	64.1	50.9	52.4	56.7	60.9	47.2	48.6	52.6	56.4
		S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.41	0.94	0.84	0.64	0.41
		Delta T	19	18	15	10	19	18	15	10	20	18	15	10	20	18	15	10	19	18	15	10	18	17	14	9
		KW	5.05	5.16	5.32	5.49	5.44	5.56	5.73	5.92	5.78	5.91	6.10	6.30	6.08	6.22	6.42	6.63	6.34	6.48	6.69	6.92	6.56	6.71	6.93	7.16
		AMPS	20.0	20.5	21.2	22.0	21.6	22.2	22.9	23.8	23.6	24.2	25.0	25.9	25.2	25.9	26.7	27.8	26.9	27.6	28.5	29.6	28.5	29.2	30.3	31.4
		HI PR	168	181	191	199	189	203	214	224	215	231	244	254	244	263	278	290	275	296	312	326	304	327	345	360
		LO PR	61	65	71	76	65	69	75	80	67	71	78	83	70	75	82	87	74	79	86	91	76	81	89	94
	1808	MBh	55.7	57.3	62.0	66.6	54.4	56.0	60.6	65.0	53.1	54.7	59.2	63.5	51.8	53.3	57.7	61.9	49.2	50.7	54.8	58.8	45.6	46.9	50.8	54.5
		S/T	0.77	0.69	0.52	0.34	0.80	0.71	0.54	0.35	0.82	0.73	0.55	0.36	0.84	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.88	0.79	0.60	0.38
		Delta T	22	20	16	11	22	20	17	11	22	20	17	12	22	20	17	12	22	20	17	11	20	19	15	11
		KW	4.97	5.08	5.24	5.40	5.35	5.47	5.64	5.82	5.69	5.81	6.00	6.20	5.98	6.11	6.31	6.52	6.23	6.37	6.58	6.80	6.45	6.59	6.81	7.04
		AMPS	19.6	20.1	20.8	21.6	21.3	21.8	22.5	23.4	23.1	23.7	24.5	25.5	24.8	25.4	26.3	27.3	26.4	27.1	28.0	29.1	28.0	28.7	29.7	30.8
		HI PR	165	177	187	195	185	199	210	219	210	226	239	249	240	258	272	284	270	290	306	319	298	320	338	353
		LO PR	60	64	70	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	90	75	80	87	93
	1750	MBh	55.1	56.7	61.4	65.9	53.8	55.4	60.0	64.4	52.6	54.1	58.6	62.9	51.3	52.8	57.1	61.3	48.7	50.1	54.3	58.3	45.1	46.5	50.3	54.0
		S/T	0.76	0.68	0.52	0.33	0.79	0.71	0.53	0.34	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.87	0.78	0.59	0.38
		Delta T	22	20	17	11	22	21	17	12	22	21	17	12	23	21	17	12	22	20	17	12	21	19	16	11
		KW	4.92	5.03	5.18	5.35	5.30	5.41	5.58	5.76	5.63	5.75	5.93	6.13	5.92	6.05	6.25	6.45	6.17	6.30	6.51	6.73	6.38	6.52	6.74	6.97
		AMPS	19.4	19.9	20.5	21.3	21.0	21.5	22.2	23.1	22.9	23.4	24.2	25.1	24.5	25.1	25.9	26.9	26.1	26.7	27.6	28.7	27.7	28.3	29.3	30.5
		HI PR	163	175	185	193	183	196	207	216	208	223	236	246	236	254	269	280	266	286	302	315	294	316	334	348
		LO PR	59	63	69	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	79	86	91

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA60C2A

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA60C2A/CCA60F*C

IDB* Airflow			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	2250	MBh	58.6	59.9	64.0	68.4	57.3	58.5	62.5	66.8	55.9	57.1	61.0	65.3	54.6	55.7	59.6	63.7	51.8	53.0	56.6	60.5	48.0	49.1	52.4	56.0
		S/T	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	1.00	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	1.00	0.79	0.59
		Delta T	22	21	18	14	22	21	18	14	22	21	18	15	22	21	18	15	21	21	18	14	20	20	17	13
		KW	5.09	5.20	5.36	5.54	5.48	5.60	5.78	5.97	5.83	5.95	6.15	6.35	6.13	6.27	6.47	6.69	6.39	6.53	6.75	6.98	6.61	6.76	6.99	7.22
		AMPS	20.2	20.7	21.4	22.2	21.9	22.4	23.1	24.0	23.8	24.4	25.2	26.2	25.5	26.1	27.0	28.0	27.1	27.8	28.8	29.9	28.8	29.5	30.5	31.7
		HI PR	170	183	193	201	191	205	217	226	217	233	246	257	247	266	281	293	278	299	316	329	307	330	349	364
		LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	95
	1808	MBh	56.7	57.9	61.9	66.1	55.3	56.6	60.4	64.6	54.0	55.2	59.0	63.0	52.7	53.9	57.5	61.5	50.1	51.2	54.7	58.4	46.4	47.4	50.6	54.1
		S/T	0.84	0.79	0.64	0.48	0.88	0.82	0.67	0.50	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.97	0.91	0.74	0.55
		Delta T	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	24	23	20	16	23	22	19	15
		KW	5.01	5.12	5.28	5.45	5.40	5.51	5.69	5.87	5.73	5.86	6.05	6.25	6.03	6.17	6.37	6.58	6.29	6.43	6.64	6.86	6.51	6.65	6.87	7.10
		AMPS	19.8	20.3	21.0	21.8	21.5	22.0	22.7	23.6	23.4	23.9	24.8	25.7	25.0	25.6	26.5	27.5	26.6	27.3	28.3	29.3	28.3	29.0	30.0	31.1
		HI PR	166	179	189	197	187	201	212	221	212	229	241	252	242	260	275	287	272	293	309	323	301	324	342	357
		LO PR	60	64	70	75	64	68	74	79	66	71	77	82	70	74	81	86	73	78	85	90	76	80	88	94
	1750	MBh	56.1	57.3	61.2	65.5	54.8	56.0	59.8	63.9	53.5	54.7	58.4	62.4	52.2	53.3	57.0	60.9	49.6	50.7	54.1	57.9	45.9	46.9	50.1	53.6
		S/T	0.84	0.78	0.64	0.48	0.87	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.96	0.90	0.73	0.55
		Delta T	25	24	21	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	15
		KW	4.96	5.07	5.22	5.39	5.34	5.45	5.63	5.81	5.67	5.80	5.98	6.18	5.97	6.10	6.30	6.51	6.22	6.36	6.57	6.79	6.43	6.58	6.80	7.03
		AMPS	19.6	20.0	20.7	21.5	21.2	21.7	22.4	23.3	23.1	23.6	24.4	25.4	24.7	25.3	26.2	27.2	26.3	27.0	27.9	29.0	27.9	28.6	29.6	30.8
		HI PR	164	177	187	195	184	198	210	219	210	226	238	249	239	257	271	283	269	289	305	318	297	320	337	352
		LO PR	60	63	69	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	89	75	79	87	92

85	2250	MBh	59.7	60.8	63.7	68.0	58.3	59.4	62.2	66.4	56.9	58.0	60.7	64.8	55.5	56.6	59.3	63.2	52.7	53.8	56.3	60.1	48.8	49.8	52.1	55.6
		S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
		Delta T	23	23	21	18	23	23	22	19	23	23	22	19	23	23	22	19	22	22	21	19	20	20	20	17
		KW	5.13	5.24	5.41	5.58	5.53	5.65	5.83	6.02	5.88	6.00	6.20	6.40	6.18	6.32	6.53	6.75	6.44	6.59	6.81	7.04	6.67	6.82	7.05	7.29
		AMPS	20.4	20.9	21.6	22.4	22.1	22.6	23.4	24.3	24.0	24.6	25.5	26.4	25.7	26.4	27.3	28.3	27.4	28.1	29.1	30.2	29.1	29.8	30.8	32.0
		HI PR	172	185	195	203	192	207	219	228	219	236	249	259	249	268	283	295	280	302	319	332	310	333	352	367
		LO PR	62	66	72	77	66	70	76	81	68	73	79	85	72	76	83	89	75	80	87	93	78	83	90	96
	1808	MBh	57.7	58.8	61.5	65.7	56.3	57.4	60.1	64.1	55.0	56.0	58.7	62.6	53.6	54.7	57.3	61.1	50.9	51.9	54.4	58.0	47.2	48.1	50.4	53.8
		S/T	0.89	0.85	0.77	0.63	0.92	0.89	0.80	0.65	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	0.98	0.88	0.72
		Delta T	26	26	24	21	26	26	24	21	26	26	24	21	26	26	25	21	26	26	24	21	24	24	23	20
		KW	5.05	5.16	5.32	5.49	5.44	5.56	5.73	5.92	5.78	5.91	6.10	6.30	6.08	6.22	6.42	6.63	6.34	6.48	6.69	6.92	6.56	6.71	6.93	7.16
		AMPS	20.0	20.5	21.2	22.0	21.7	22.2	22.9	23.8	23.6	24.2	25.0	25.9	25.2	25.9	26.8	27.8	26.9	27.6	28.5	29.6	28.5	29.3	30.3	31.4
		HI PR	168	181	191	199	189	203	214	224	215	231	244	254	244	263	278	290	275	296	312	326	304	327	345	360
		LO PR	61	65	71	76	65	69	75	80	67	71	78	83	70	75	82	87	74	79	86	91	76	81	89	94
	1750	MBh	57.1	58.2	60.9	65.0	55.7	56.8	59.5	63.5	54.4	55.5	58.1	62.0	53.1	54.1	56.7	60.5	50.4	51.4	53.8	57.4	46.7	47.6	49.9	53.2
		S/T	0.88	0.85	0.76	0.62	0.91	0.88	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	0.97	0.88	0.71
		Delta T	26	26	24	21	27	26	25	21	27	26	25	21	27	26	25	22	26	26	25	21	25	24	23	20
		KW	5.00	5.11	5.27	5.43	5.38	5.50	5.67	5.86	5.72	5.84	6.03	6.23	6.02	6.15	6.35	6.56	6.27	6.41	6.62	6.84	6.49	6.63	6.85	7.08
		AMPS	19.7	20.2	20.9	21.7	21.4	21.9	22.7	23.5	23.3	23.9	24.7	25.6	24.9	25.5	26.4	27.4	26.6	27.2	28.2	29.3	28.2	28.9	29.9	31.0
		HI PR	166	179	189	197	186	200	212	221	212	228	241	251	241	260	274	286	271	292	308	322	300	323	341	355
		LO PR	60	64	70	75	64	68	74	79	66	70	77	82	70	74	81	86	73	78	85	90	75	80	88	93

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA60C2A

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA60C2C/CA*F060*2*

IDB*			Airflow	Outdoor Ambient Temperature																							
				65				75				85				95				105				115			
				Entering Indoor Wet Bulb Temperature																							
				59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1969	MBh	55.1	57.1	62.6	-	53.6	55.5	60.9	-	52.6	54.5	59.7	-	51.0	52.9	58.0	-	48.5	50.2	55.1	-	44.9	46.5	51.0	-	
		S/T	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.47	-	0.82	0.69	0.48	-	
		Delta T	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	
		KW	4.42	4.52	4.69	-	4.80	4.92	5.10	-	5.14	5.27	5.46	-	5.44	5.58	5.78	-	5.70	5.84	6.05	-	5.92	6.07	6.29	-	
		AMPS	18.4	18.9	19.5	-	20.0	20.5	21.2	-	21.9	22.4	23.2	-	23.5	24.1	24.9	-	25.1	25.7	26.6	-	26.6	27.3	28.3	-	
		HI PR	159	171	180	-	178	192	202	-	203	218	230	-	231	248	262	-	260	279	295	-	287	309	326	-	
		LO PR	57	61	66	-	60	64	70	-	62	66	73	-	66	70	76	-	69	73	80	-	71	76	83	-	
	1750	MBh	53.5	55.5	60.8	-	52.0	53.9	59.1	-	51.0	52.9	58.0	-	49.6	51.4	56.3	-	47.1	48.8	53.5	-	43.6	45.2	49.5	-	
		S/T	0.68	0.57	0.39	-	0.71	0.59	0.41	-	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.78	0.66	0.45	-	
		Delta T	19	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	
		KW	4.38	4.48	4.64	-	4.76	4.88	5.05	-	5.10	5.22	5.41	-	5.39	5.53	5.73	-	5.65	5.79	6.00	-	5.87	6.01	6.23	-	
		AMPS	18.2	18.7	19.4	-	19.8	20.3	21.0	-	21.6	22.2	23.0	-	23.2	23.8	24.7	-	24.8	25.5	26.4	-	26.4	27.1	28.0	-	
		HI PR	157	169	179	-	176	190	200	-	201	216	228	-	229	246	260	-	257	277	292	-	284	306	323	-	
		LO PR	56	60	65	-	60	63	69	-	62	66	72	-	65	69	75	-	68	72	79	-	70	75	82	-	
	1531	MBh	49.2	51.0	55.9	-	47.9	49.6	54.4	-	47.0	48.7	53.3	-	45.6	47.2	51.8	-	43.3	44.9	49.2	-	40.1	41.6	45.6	-	
		S/T	0.66	0.55	0.38	-	0.68	0.57	0.40	-	0.70	0.58	0.40	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.76	0.63	0.44	-	
		Delta T	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	
		KW	4.26	4.36	4.52	-	4.63	4.74	4.91	-	4.96	5.08	5.26	-	5.25	5.37	5.57	-	5.49	5.63	5.83	-	5.70	5.84	6.06	-	
		AMPS	17.7	18.1	18.8	-	19.2	19.7	20.4	-	21.0	21.6	22.3	-	22.6	23.1	24.0	-	24.1	24.7	25.6	-	25.6	26.3	27.2	-	
		HI PR	153	164	173	-	171	184	194	-	195	209	221	-	222	239	252	-	249	268	283	-	276	297	313	-	
		LO PR	55	58	63	-	58	61	67	-	60	64	70	-	63	67	73	-	66	70	77	-	68	73	79	-	

75	1969	MBh	56.1	57.7	62.5	67.0	54.5	56.1	60.7	65.2	53.5	55.1	59.6	63.9	51.9	53.5	57.9	62.1	49.3	50.8	55.0	59.0	45.7	47.1	50.9	54.6
		S/T	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.37	0.89	0.80	0.61	0.39	0.93	0.83	0.63	0.41	0.94	0.84	0.63	0.41
		Delta T	21	20	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
		KW	4.46	4.57	4.73	4.90	4.85	4.97	5.14	5.33	5.19	5.32	5.51	5.71	5.50	5.63	5.84	6.05	5.75	5.90	6.11	6.34	5.98	6.12	6.35	6.58
		AMPS	18.6	19.1	19.7	20.5	20.2	20.7	21.5	22.3	22.1	22.6	23.4	24.4	23.7	24.3	25.2	26.2	25.3	26.0	26.9	28.0	26.9	27.6	28.6	29.7
		HI PR	160	173	182	190	180	194	205	213	205	220	233	243	233	251	265	276	262	282	298	311	290	312	329	344
		LO PR	57	61	67	71	61	65	71	75	63	67	73	78	66	71	77	82	69	74	81	86	72	76	83	89
	1750	MBh	54.4	56.1	60.7	65.1	52.9	54.5	59.0	63.3	51.9	53.5	57.9	62.1	50.4	51.9	56.2	60.3	47.9	49.3	53.4	57.2	44.4	45.7	49.4	53.0
		S/T	0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.73	0.56	0.36	0.85	0.76	0.58	0.37	0.89	0.79	0.60	0.39	0.89	0.80	0.60	0.39
		Delta T	22	20	17	12	22	21	17	12	22	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11
		KW	4.42	4.52	4.69	4.86	4.80	4.92	5.10	5.28	5.14	5.27	5.46	5.66	5.45	5.58	5.78	6.00	5.70	5.84	6.05	6.28	5.92	6.07	6.29	6.52
		AMPS	18.4	18.9	19.5	20.3	20.0	20.5	21.2	22.1	21.9	22.4	23.2	24.1	23.5	24.1	24.9	25.9	25.1	25.7	26.6	27.7	26.6	27.3	28.3	29.4
		HI PR	159	171	180	188	178	192	203	211	203	218	230	240	231	248	262	274	260	280	295	308	287	309	326	340
		LO PR	57	61	66	70	60	64	70	74	62	66	73	77	66	70	76	81	69	73	80	85	71	76	83	88
	1531	MBh	50.1	51.6	55.8	59.9	48.7	50.1	54.3	58.2	47.8	49.2	53.2	57.1	46.4	47.8	51.7	55.4	44.0	45.4	49.1	52.7	40.8	42.0	45.5	48.8
		S/T	0.75	0.67	0.51	0.33	0.78	0.70	0.53	0.34	0.79	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.86	0.77	0.58	0.38
		Delta T	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	19	16	11
		KW	4.30	4.40	4.56	4.72	4.67	4.79	4.96	5.14	5.00	5.13	5.31	5.51	5.29	5.42	5.62	5.83	5.54	5.68	5.89	6.10	5.76	5.90	6.11	6.34
		AMPS	17.9	18.3	19.0	19.7	19.4	19.9	20.6	21.4	21.2	21.8	22.5	23.4	22.8	23.4	24.2	25.2	24.3	25.0	25.8	26.9	25.9	26.5	27.5	28.6
		HI PR	154	166	175	183	173	186	196	205	197	212	223	233	224	241	254	265	252	271	286	299	278	300	316	330
		LO PR	55	59	64	68	58	62	68	72	61	64	70	75	64	68	74	79	67	71	77	83	69	73	80	85

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ACCA (TVA) conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA60C2C

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: VCA60C2C/CA*F060*2*

			Outdoor Ambient Temperature																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1969	MBh	57.1	58.3	62.3	66.6	55.5	56.7	60.6	64.7	54.4	55.6	59.4	63.5	52.8	54.0	57.7	61.7	50.2	51.3	54.8	58.6	46.5	47.5	50.8	54.3
		S/T	0.89	0.83	0.68	0.51	0.93	0.87	0.71	0.53	0.94	0.88	0.72	0.54	1.00	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59
		Delta T	24	23	20	16	24	23	20	16	24	23	20	16	25	23	20	16	23	23	20	16	22	21	19	15
		KW	4.50	4.61	4.77	4.95	4.89	5.01	5.19	5.38	5.24	5.37	5.56	5.77	5.55	5.68	5.89	6.11	5.81	5.95	6.17	6.40	6.03	6.18	6.41	6.65
		AMPS	18.8	19.2	19.9	20.7	20.4	20.9	21.7	22.5	22.3	22.9	23.7	24.6	23.9	24.5	25.4	26.4	25.6	26.2	27.2	28.2	27.2	27.9	28.9	30.0
		HI PR	162	174	184	192	182	196	207	216	207	223	235	245	236	253	268	279	265	285	301	314	293	315	333	347
		LO PR	58	62	67	72	61	65	71	76	64	68	74	79	67	71	78	83	70	75	82	87	73	77	84	90
	1750	MBh	55.4	56.6	60.5	64.7	53.9	55.0	58.8	62.9	52.8	54.0	57.7	61.7	51.3	52.4	56.0	59.9	48.7	49.8	53.2	56.9	45.1	46.1	49.3	52.7
		S/T	0.85	0.80	0.65	0.48	0.88	0.83	0.67	0.50	0.90	0.84	0.69	0.51	0.94	0.88	0.71	0.53	0.98	0.91	0.74	0.56	0.98	0.92	0.75	0.56
		Delta T	25	24	21	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	15
		KW	4.46	4.57	4.73	4.90	4.85	4.97	5.14	5.33	5.19	5.32	5.51	5.72	5.50	5.63	5.84	6.05	5.75	5.90	6.11	6.34	5.98	6.12	6.35	6.59
		AMPS	18.6	19.1	19.7	20.5	20.2	20.7	21.5	22.3	22.1	22.6	23.4	24.4	23.7	24.3	25.2	26.2	25.3	26.0	26.9	28.0	26.9	27.6	28.6	29.7
		HI PR	160	173	182	190	180	194	205	213	205	220	233	243	233	251	265	276	262	282	298	311	290	312	329	344
		LO PR	57	61	67	71	61	65	71	75	63	67	73	78	66	71	77	82	69	74	81	86	72	76	83	89
	1531	MBh	51.0	52.1	55.6	59.5	49.6	50.6	54.1	57.8	48.6	49.7	53.1	56.7	47.2	48.2	51.5	55.1	44.8	45.8	48.9	52.3	41.5	42.4	45.3	48.5
		S/T	0.82	0.77	0.63	0.47	0.85	0.80	0.65	0.49	0.87	0.82	0.66	0.50	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.95	0.89	0.72	0.54
		Delta T	25	24	21	17	25	24	21	17	25	24	21	17	26	25	21	17	25	24	21	17	24	23	20	16
		KW	4.34	4.44	4.60	4.77	4.72	4.83	5.00	5.19	5.05	5.17	5.36	5.56	5.34	5.47	5.67	5.88	5.59	5.73	5.94	6.16	5.81	5.95	6.17	6.40
		AMPS	18.0	18.5	19.2	19.9	19.6	20.1	20.8	21.7	21.4	22.0	22.8	23.7	23.0	23.6	24.4	25.4	24.6	25.2	26.1	27.1	26.1	26.8	27.7	28.9
		HI PR	156	167	177	184	175	188	198	207	199	214	226	235	226	243	257	268	254	274	289	302	281	303	320	333
		LO PR	56	59	65	69	59	63	68	73	61	65	71	76	64	68	75	80	67	72	78	83	70	74	81	86
85	1969	MBh	58.1	59.2	62.0	66.2	56.4	57.5	60.3	64.3	55.4	56.4	59.1	63.1	53.8	54.8	57.4	61.3	51.1	52.1	54.5	58.2	47.3	48.2	50.5	53.9
		S/T	0.93	0.90	0.81	0.66	0.97	0.94	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
		Delta T	25	25	24	20	26	25	24	21	26	25	24	21	25	25	24	21	24	24	24	21	22	23	22	19
		KW	4.54	4.65	4.82	4.99	4.94	5.06	5.24	5.43	5.29	5.42	5.61	5.82	5.60	5.74	5.94	6.16	5.86	6.01	6.23	6.46	6.09	6.24	6.47	6.71
		AMPS	18.9	19.4	20.1	20.9	20.6	21.1	21.9	22.7	22.5	23.1	23.9	24.9	24.2	24.8	25.7	26.7	25.8	26.5	27.4	28.5	27.4	28.2	29.2	30.3
		HI PR	164	176	186	194	184	198	209	218	209	225	237	248	238	256	270	282	268	288	304	317	296	318	336	350
		LO PR	59	62	68	73	62	66	72	77	64	68	75	80	68	72	79	84	71	75	82	88	73	78	85	91
	1750	MBh	56.4	57.5	60.2	64.2	54.8	55.9	58.5	62.4	53.8	54.8	57.4	61.3	52.2	53.2	55.7	59.5	49.6	50.5	52.9	56.5	45.9	46.8	49.0	52.3
		S/T	0.89	0.86	0.78	0.63	0.92	0.89	0.81	0.65	0.94	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.99	0.89	0.72	1.00	0.99	0.89	0.72
		Delta T	26	26	25	21	27	26	25	21	27	26	25	21	27	26	25	22	26	26	25	21	24	24	23	20
		KW	4.50	4.61	4.77	4.95	4.89	5.01	5.19	5.38	5.24	5.37	5.56	5.77	5.55	5.68	5.89	6.11	5.81	5.95	6.17	6.40	6.03	6.18	6.41	6.65
		AMPS	18.8	19.2	19.9	20.7	20.4	20.9	21.7	22.5	22.3	22.9	23.7	24.6	23.9	24.5	25.4	26.4	25.6	26.2	27.2	28.2	27.2	27.9	28.9	30.0
		HI PR	162	174	184	192	182	196	207	216	207	223	235	245	236	253	268	279	265	285	301	314	293	315	333	347
		LO PR	58	62	67	72	61	65	71	76	64	68	74	79	67	71	78	83	70	75	82	87	73	77	84	90
	1531	MBh	51.9	52.9	55.4	59.1	50.4	51.4	53.8	57.4	49.5	50.4	52.8	56.4	48.0	48.9	51.3	54.7	45.6	46.5	48.7	52.0	42.3	43.1	45.1	48.1
		S/T	0.86	0.83	0.75	0.61	0.89	0.86	0.78	0.63	0.91	0.88	0.79	0.64	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	0.99	0.96	0.86	0.70
		Delta T	27	26	25	22	27	27	25	22	27	27	25	22	27	27	25	22	27	27	25	22	25	25	23	20
		KW	4.38	4.48	4.64	4.81	4.76	4.87	5.05	5.23	5.10	5.22	5.41	5.61	5.39	5.53	5.73	5.94	5.65	5.78	6.00	6.22	5.86	6.01	6.23	6.46
		AMPS	18.2	18.7	19.3	20.1	19.8	20.3	21.0	21.9	21.6	22.2	23.0	23.9	23.2	23.8	24.7	25.7	24.8	25.5	26.4	27.4	26.4	27.1	28.0	29.1
		HI PR	157	169	179	186	176	190	200	209	201	216	228	238	228	246	260	271	257	277	292	305	284	306	323	337
		LO PR	56	60	65	70	59	63	69	74	62	66	72	76	65	69	75	80	68	72	79	84	70	75	82	87

* Entering Indoor Dry Bulb Temperature

NOTE: Shaded area is ARI Rating Conditions

High and low pressures are measured @ outdoor unit service valves

COOLING PERFORMANCE DATA

VCA60C2C

PERFORMANCE DATA

PERFORMANCE TEST

All data based upon listed indoor dry bulb temperature. .00 inches external static pressure on coil of outdoor section. Indoor air cubic feet per minute (CFM) as listed in the Performance Data Sheets:

If conditions vary from this, results will change as follows:

1. As indoor dry bulb temperatures increase, a slight increase will occur in indoor air temperature drop (DT). Low and high side pressures and power will not change.
2. As indoor CFM decreases, a slight increase will occur in indoor temperature drop (DT). A slight decrease will occur in low and high side pressures and power.

A properly operating unit should be within plus or minus **3 degrees** of the typical (DT) value shown.

A properly operating unit should be within plus or minus **7 PSIG** of the **head pressure** shown.

A properly operating unit should be within plus or minus **3 PSIG** of the **suction pressure** shown.

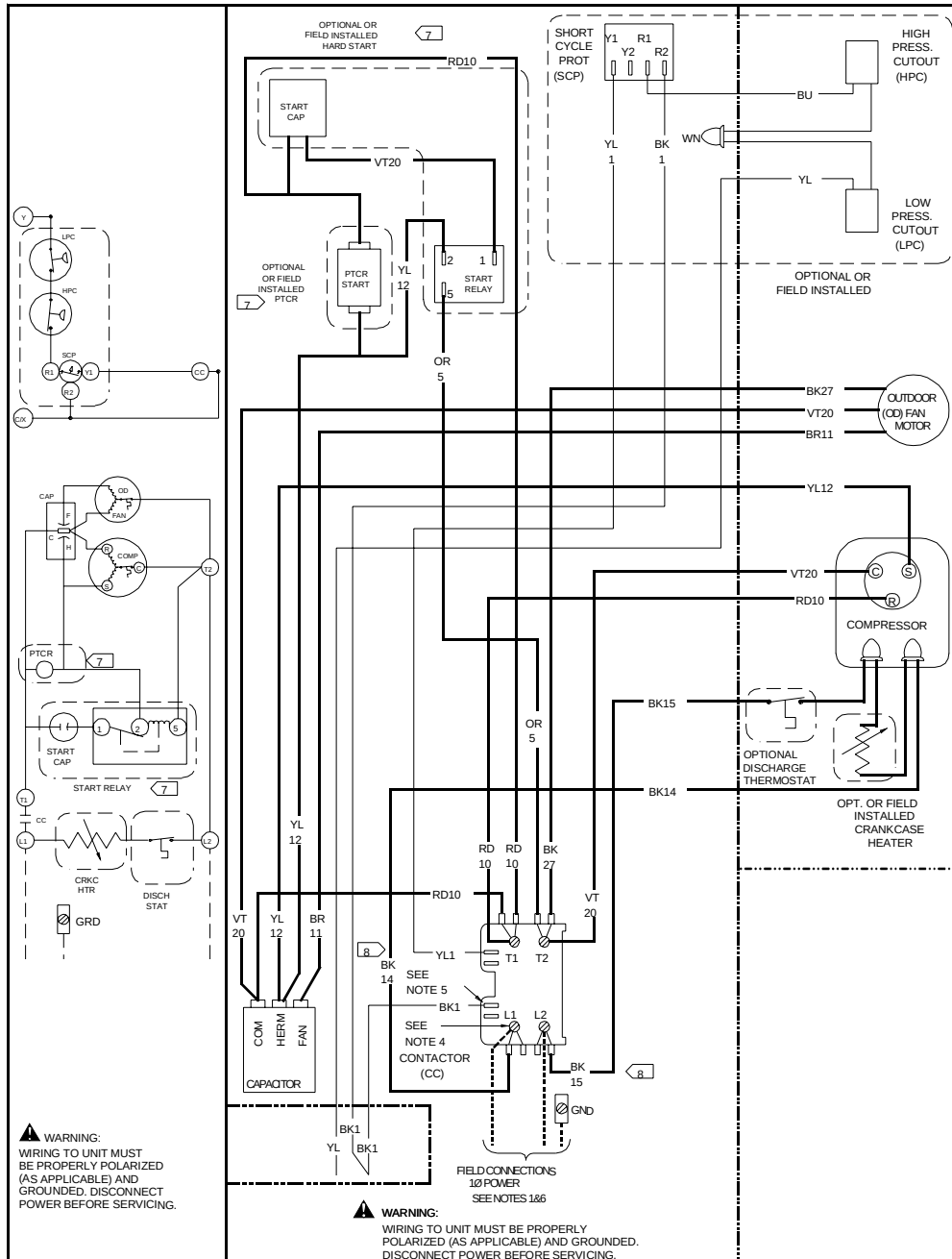
A properly operating unit should be within plus or minus **3 Amps** of the typical value shown.

VCA18-42C2[A/C], VCA60C2[A/C], WIRING DIAGRAMS VCA48C2[B/C]



WARNING

TO AVOID POSSIBLE ELECTRICAL SHOCK, PERSONAL INJURY, OR DEATH, DISCONNECT THE POWER BEFORE SERVICING.



NOTES

1. SEE ELECTRICAL INFORMATION ON UNIT NAMEPLATE. FIELD CONNECTIONS FOR 1Ø UNITS ARE TO BE MADE AT L1, L2 & EQUIPMENT GROUND SCREW.
2. FOR FIELD CONNECTIONS SEE INSTALLATION INSTRUCTIONS.
3. TRANSFORMER N.E.C. CLASS 2, 24VAC OUTPUT, 20VA MINIMUM. CANADIAN REQUIREMENTS: NOTES 4, 5, AND 6.
4. NEUTRAL, IF INPUT POWER DERIVED FROM 240/416 SOURCE.
5. CONTROL CIRCUIT GROUND.
6. 120/240 VAC 3 WIRE/FILS.
7. FACTORY INSTALLED PTCR START DEVICE OR HARD START CAPACITOR AND RELAY ARE WIRED AS SHOWN. A FIELD INSTALLED HARD START KIT WOULD REPLACE THE PTCR IF PRESENT.
8. CRANKCASE HEATER WIRES GOING FROM COMPRESSOR TO CONTACTOR MAY NOT BE IDENTIFIED AS BK14 AND BK15.

NOTE: READ THE FOLLOWING NOTES BEFORE OPERATING OR SERVICING THIS UNIT.

1. AMANA APPROVED REPLACEMENT PARTS MUST BE USED WHEN SERVICING.
2. TOTAL SYSTEM CHARGE IS MARKED ON CONDENSER NAMEPLATE WHICH INCLUDES INDOOR SECTION AND 15 OR 25 FEET OF INTERCONNECTING LIQUID LINE. IF DIFFERENT LIQUID LINE LENGTH IS USED ADJUST PER FOLLOWING CHART.

.250 LIQUID LINE .20 OZ. PER FOOT
.375 LIQUID LINE .60 OZ. PER FOOT
500 LIQUID LINE 1.30 OZ. PER FOOT

TOTAL CHARGE BLOCK MUST BE STAMPED BY THE DEALER WHO INSTALLS THE UNIT. FOR MORE COMPLETE INSTRUCTIONS SEE INSTALLATION INSTRUCTIONS.

FACTORY SUPPLIED WIRING

— LOW VOLTAGE
— HIGH VOLTAGE

FIELD SUPPLIED WIRING
--- LOW VOLTAGE
--- HIGH VOLTAGE

COLOR CODE & LEGEND

1ST GROUP-COLOR
2ND GROUP-NUMBER

OR-ORANGE BK-BLACK
YL-YELLOW BU-BLUE
VT-VIOLET RD-RED
BR-BROWN TN-TAN
GN-GREEN GY-GRAY
WN-WIRE NUT

20504601 REV 0

Wiring is subject to change, always refer to the wiring diagram on the unit for the most up-to-date wiring.

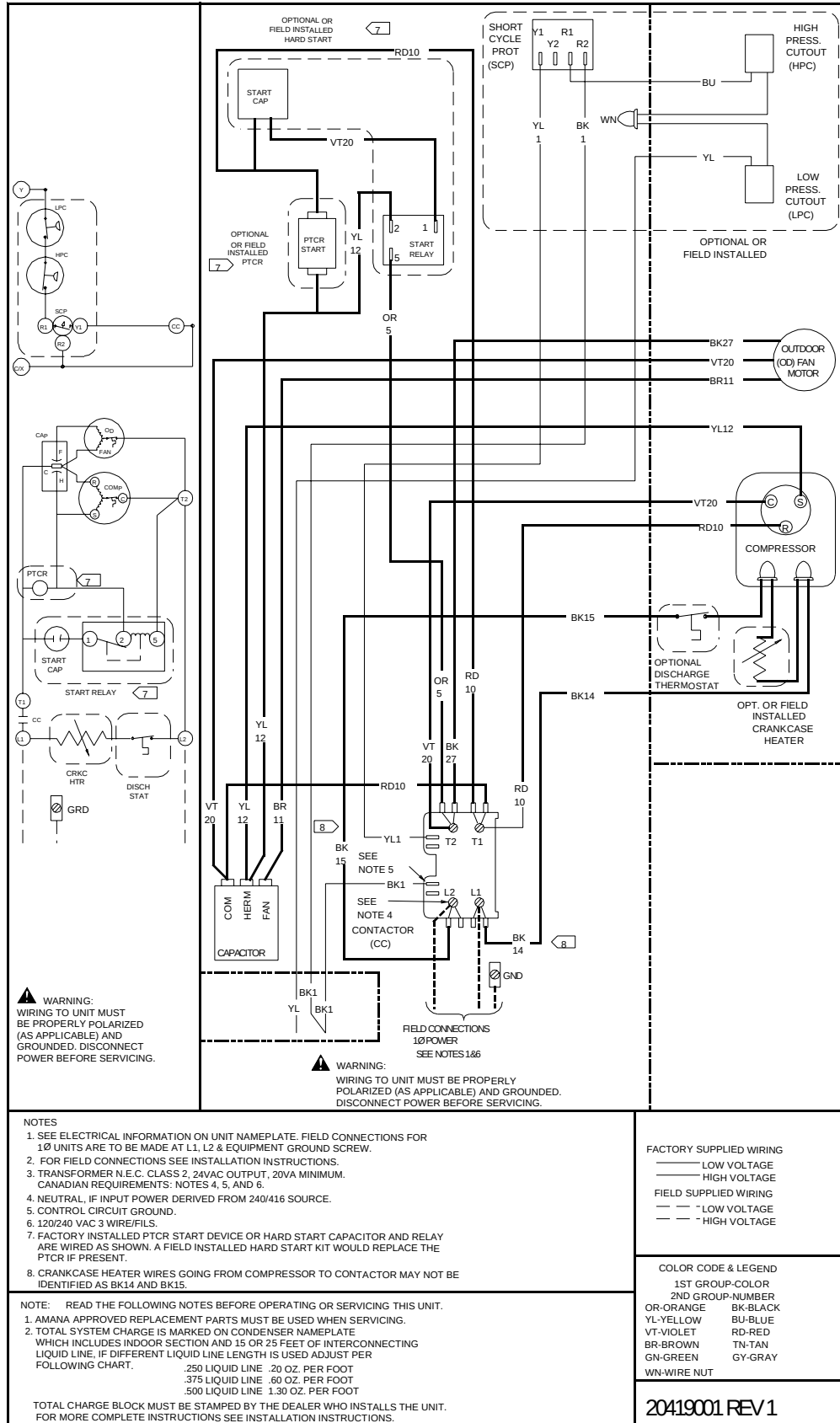
WIRING DIAGRAMS

VCA48C2A



WARNING

TO AVOID POSSIBLE ELECTRICAL SHOCK, PERSONAL INJURY, OR DEATH, DISCONNECT THE POWER BEFORE SERVICING.



Wiring is subject to change, always refer to the wiring diagram on the unit for the most up-to-date wiring.