GMC® Air Conditioning & Heating

VSX13

Cooling Capacity: 18,000 - 60,000 BTU/h

Energy-Efficient Split System Air Conditioner Up to 14 SEER & 12 EER

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Standard Features

- Energy-efficient compressor
- Quiet condenser fan system
- Factory-installed liquid line filter drier
- Copper tube/aluminum fin coil
- Fully charged for 15' of refrigerant line
- Brass liquid and suction service valves with sweat connections
- Ground lug connection
- AHRI Certified; ETL Listed

Cabinet Features

- Heavy-gauge galvanized-steel cabinet with louvered sound control top
- Steel louver coil guard
- Attractive Powder-paint finish with 500-hour salt-spray approval
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)

PARTS 5 YEAR LIMITED WARRANTY* · Intertek · AHRI CERTIFIED · COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV GL = ISO 9001 = · COMPANY WITH ENVIRONMENTAL SYSTEM CERTIFIED BY DNV GL = ISO 14001 =

* Complete warranty details available from your local dealer or at www.goodmanmfg.com/gmc.

V	S	X	13	036	1	AA
1	2	3	4,5	6,7,8	9	10,11

Brand

V GMC® Brand

Product Category

S Split System

Unit Type

X Condenser R-410A

Z Heat Pump R-410A

Efficiency

13 13 SEER

14 14 SEER

16 16 SEER

18 18 SEER

Nominal Capacity

018- 1½ tons

024- 2 tons

030- 2½ tons

036- 3 tons

042 3½ Tons

048 4 Tons

060 5 Tons

061 5 Tons (high capacity)

Electrical

1- 208/230 V, 1 Phase, 60 Hz

Engineering *

Major & Minor revisions

* Not used for inventory control.

	VSX13 0181F*	VSX13 0241F*	VSX13 0301M*	VSX13 0361F*
CAPACITIES				
Nominal Cooling (BTU/h)	18,000	24,000	30,000	36,000
SEER / EER	13 / 11	13 / 11	13 / 11	13 / 11
Decibels	75	75	74	74
COMPRESSOR				
RLA	6.7	7.7	10.5	14.1
LRA	37.5	38	47	77
CONDENSER FAN MOTOR				
Horsepower	1/8	1/8	1/8	1/4
FLA	0.65	0.65	0.7	1.2
REFRIGERATION SYSTEM				
Refrigerant Line Size [1]				
Liquid Line Size (“O.D.)	⅜"	⅜"	⅜"	⅜"
Suction Line Size (“O.D.)	¾"	¾"	¾"	⅞"
Refrigerant Connection Size				
Liquid Valve Size (“O.D.)	⅜"	⅜"	⅜"	⅜"
Suction Valve Size (“O.D.) [4 5]	¾"	¾"	¾"	¾" [4]
Valve Type	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	58	63	68	62
Shipped with Orifice Size	0.051	0.057	0.067	0.070
ELECTRICAL DATA				
Voltage-Phase (60 Hz)	208/230-1	208/230-60	208/230-60	208/230-1
Minimum Circuit Ampacity [2]	9.1	10.3	13.8	18.8
Max. Overcurrent Protection [3]	15 amps	15 amps	20 amps	30 amps
Min / Max Volts	197/253	197/253	197/253	197/253
Electrical Conduit Size	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"
EQUIPMENT WEIGHT (LBS)	102	103	138	118
SHIP WEIGHT (LBS)	117	119	153	135

[1] Line sizes denoted for 25’ line sets, tested and rated in accordance with AHRI Standard 210/240. For other line-set lengths or sizes, refer to the installation & Operating instructions and/or the long line-set guidelines.

[2] Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

[3] Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

[4] Installer will need to supply ¾” to ⅞” adapters for suction line connections.

[5] Installer will need to supply ⅞” to 1⅛” adapters for suction line connections.

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- Unit is charged with refrigerant for 15’ of ⅜” liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

	VSX13 0421B*	VSX13 0481B*	VSX13 0601C*	VSX13 0611B*
CAPACITIES				
Nominal Cooling (BTU/h)	42,000	48,000	60,000	60,000
SEER / EER	13 / 11	13 / 11	13 / 11	13/11
Decibels	75	76	77	77
COMPRESSOR				
RLA	17.9	19.9	25.0	26.4
LRA	112	109	134	134
CONDENSER FAN MOTOR				
Horsepower	1/4	1/4	1/4	1/4
FLA	1.5	1.26	1.26	1.3
REFRIGERATION SYSTEM				
Refrigerant Line Size [1]				
Liquid Line Size (“O.D.)	⅜"	⅜"	⅜"	⅜"
Suction Line Size (“O.D.)	1⅛"	1⅛"	1⅛"	⅞"
Refrigerant Connection Size				
Liquid Valve Size (“O.D.)	⅜"	⅜"	⅜"	⅜"
Suction Valve Size (“O.D.) [4] [5]	⅞" [5]	⅞" [5]	⅞" [5]	¾"
Valve Type	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	83	91	94	111
Shipped with Orifice Size	0.076	0.080	0.086	0.086
ELECTRICAL DATA				
Voltage-Phase (60 Hz)	208/230-1	208/230-1	208/230-1	208/230-1
Minimum Circuit Ampacity [2]	23.9	26.1	32.5	34.3
Max. Overcurrent Protection [3]	40 amps	45 amps	50 amps	60 amps
Min / Max Volts	197/253	197/253	197/253	197/253
Electrical Conduit Size	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"
EQUIPMENT WEIGHT (LBS)	171	175	184	211
SHIP WEIGHT (LBS)	189	193	202	233

[1] Line sizes denoted for 25’ line sets, tested and rated in accordance with AHRI Standard 210/240. For other line-set lengths or sizes, refer
to the installation & Operating instructions and/or the long line-set guidelines.

[2] Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

[3] Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

[4] Installer will need to supply ¾” to ⅞” adapters for suction line connections.

[5] Installer will need to supply ⅞” to 1⅛” adapters for suction line connections.

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- Unit is charged with refrigerant for 15’ of ⅜” liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

Expanded Cooling Data — VSX130181F* / CAPF1824B6DB

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	525	MBh	15.6	16.2	17.7	-	15.3	15.8	17.3	-	14.9	15.4	16.9	-	14.5	15.1	16.5	-	13.8	14.3	15.7	-	12.8	13.3	14.5	-
		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	-
		ΔT	19.3	16.7	12.7	-	19.5	16.9	12.8	-	19.5	16.9	12.8	-	19.6	17.0	12.9	-	19.4	16.8	12.7	-	18.1	15.7	11.9	-
		kW	1.02	1.04	1.08	-	1.11	1.13	1.17	-	1.18	1.21	1.25	-	1.25	1.28	1.32	-	1.30	1.33	1.38	-	1.35	1.38	1.43	-
		Amps	4.3	4.4	4.5	-	4.6	4.7	4.9	-	5.0	5.1	5.3	-	5.4	5.5	5.7	-	5.7	5.8	6.0	-	6.0	6.2	6.4	-
		Hi PR	203	219	231	-	228	245	259	-	259	279	294	-	295	318	335	-	332	357	377	-	367	395	417	-
		Lo PR	102	109	119	-	108	115	126	-	113	120	131	-	118	126	137	-	124	132	144	-	128	136	149	-
	600	MBh	16.4	17.0	18.7	-	16.0	16.6	18.2	-	15.7	16.2	17.8	-	15.3	15.8	17.4	-	14.5	15.0	16.5	-	13.4	13.9	15.3	-
		S/T	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.69	0.47	-
		ΔT	18.0	15.6	11.8	-	18.2	15.8	12.0	-	18.2	15.8	12.0	-	18.4	15.9	12.1	-	18.1	15.7	11.9	-	16.9	14.6	11.1	-
		kW	1.03	1.06	1.09	-	1.12	1.14	1.18	-	1.19	1.22	1.27	-	1.26	1.29	1.34	-	1.32	1.35	1.40	-	1.37	1.40	1.45	-
		Amps	4.3	4.4	4.6	-	4.7	4.8	4.9	-	5.1	5.2	5.4	-	5.4	5.6	5.7	-	5.8	5.9	6.1	-	6.1	6.3	6.5	-
		Hi PR	206	221	234	-	231	248	262	-	263	283	298	-	299	322	340	-	336	362	382	-	372	400	422	-
		Lo PR	104	110	121	-	110	117	127	-	114	121	132	-	120	127	139	-	126	134	146	-	130	138	151	-
	650	MBh	16.9	17.6	19.2	-	16.5	17.1	18.8	-	16.1	16.7	18.3	-	15.8	16.3	17.9	-	15.0	15.5	17.0	-	13.9	14.4	15.7	-
		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	0.48	-
		ΔT	17.5	15.1	11.5	-	17.7	15.3	11.6	-	17.7	15.3	11.6	-	17.8	15.4	11.7	-	17.6	15.2	11.6	-	16.4	14.2	10.8	-
		kW	1.05	1.07	1.11	-	1.14	1.16	1.20	-	1.21	1.24	1.29	-	1.28	1.31	1.36	-	1.34	1.37	1.42	-	1.39	1.42	1.47	-
		Amps	4.4	4.5	4.6	-	4.7	4.9	5.0	-	5.2	5.3	5.5	-	5.5	5.6	5.8	-	5.9	6.0	6.2	-	6.2	6.4	6.6	-
		Hi PR	209	225	238	-	235	253	267	-	267	287	304	-	304	327	346	-	342	368	389	-	378	407	430	-
		Lo PR	106	112	123	-	112	119	130	-	116	123	135	-	122	130	142	-	128	136	148	-	132	141	153	-
75	525	MBh	15.9	16.4	17.7	19.0	15.5	16.0	17.3	18.6	15.2	15.6	16.9	18.1	14.8	**15.2**	16.5	17.7	14.0	14.5	15.7	16.8	13.0	13.4	14.5	15.6
		S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	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
		ΔT	22.3	20.5	16.8	11.6	22.5	20.7	17.0	11.7	22.6	20.8	17.0	11.7	22.7	**20.9**	17.1	11.8	22.4	20.6	16.9	11.7	20.9	19.3	15.8	10.9
		kW	1.03	1.05	1.09	1.13	1.12	1.14	1.18	1.22	1.19	1.22	1.26	1.31	1.26	**1.29**	1.33	1.38	1.32	1.35	1.39	1.44	1.36	1.40	1.45	1.50
		Amps	4.3	4.4	4.6	4.7	4.7	4.8	4.9	5.1	5.1	5.2	5.4	5.6	5.4	**5.5**	5.7	5.9	5.8	5.9	6.1	6.3	6.1	6.3	6.5	6.7
		Hi PR	205	221	233	243	230	248	262	273	262	282	297	310	298	**321**	339	353	335	361	381	398	371	399	421	439
		Lo PR	104	110	120	128	109	116	127	135	114	121	132	141	119	**127**	139	148	125	133	145	155	129	138	150	160
	600	MBh	16.7	17.2	18.6	20.0	16.3	16.8	18.2	19.5	15.9	16.4	17.8	19.1	15.5	**16.0**	17.3	18.6	14.8	15.2	16.5	17.7	13.7	14.1	15.2	16.4
		S/T	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.38	0.89	**0.80**	0.60	0.39	0.92	0.83	0.63	0.40	0.93	0.83	0.63	0.41
		ΔT	20.8	19.1	15.7	10.8	21.0	19.4	15.9	11.0	21.1	19.4	15.9	11.0	21.2	**19.5**	16.0	11.1	20.9	19.3	15.8	10.9	19.5	18.0	14.7	10.2
		kW	1.04	1.07	1.10	1.14	1.13	1.16	1.20	1.24	1.21	1.23	1.28	1.32	1.27	**1.30**	1.35	1.40	1.33	1.36	1.41	1.46	1.38	1.41	1.46	1.52
		Amps	4.4	4.5	4.6	4.8	4.7	4.8	5.0	5.2	5.1	5.2	5.4	5.6	5.5	**5.6**	5.8	6.0	5.8	6.0	6.2	6.4	6.2	6.3	6.5	6.8
		Hi PR	208	224	236	246	233	251	265	276	265	285	301	314	302	**325**	343	358	340	366	386	403	376	404	427	445
		Lo PR	105	112	122	130	111	118	129	137	115	123	134	142	121	**129**	141	150	127	135	147	157	131	140	152	162
	650	MBh	17.2	17.7	19.2	20.6	16.8	17.3	18.7	20.1	16.4	16.9	18.3	19.6	16.0	**16.5**	17.9	19.2	15.2	15.7	17.0	18.2	14.1	14.5	15.7	16.9
		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	**0.81**	0.62	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
		ΔT	20.2	18.6	15.2	10.5	20.4	18.8	15.4	10.7	20.5	18.8	15.4	10.7	20.6	**19.0**	15.5	10.7	20.3	18.7	15.3	10.6	19.0	17.5	14.3	9.9
		kW	1.06	1.08	1.12	1.16	1.15	1.17	1.21	1.26	1.22	1.25	1.30	1.34	1.29	**1.32**	1.37	1.42	1.35	1.38	1.43	1.48	1.40	1.44	1.49	1.54
		Amps	4.4	4.5	4.7	4.9	4.8	4.9	5.1	5.3	5.2	5.3	5.5	5.7	5.6	**5.7**	5.9	6.1	5.9	6.1	6.3	6.5	6.3	6.4	6.6	6.9
		Hi PR	211	228	240	251	237	255	270	281	270	290	307	320	307	**331**	349	364	346	372	393	410	382	411	434	453
		Lo PR	107	114	124	132	113	120	131	139	117	125	136	145	123	**131**	143	152	129	137	150	160	133	142	155	165

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	525	MBh	16.2	16.5	17.7	18.9	15.8	16.1	17.3	18.4	15.4	15.8	16.8	18.0	15.0	15.4	16.4	17.6	14.3	14.6	15.6	16.7	13.2	13.5	14.5	15.5
		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	1.01	0.94	0.77	0.57
		ΔT	24.8	23.8	20.7	16.5	25.2	24.1	21.0	16.7	25.2	24.1	21.0	16.8	25.4	24.3	21.1	16.9	25.0	24.0	20.8	16.6	23.4	22.4	19.5	15.5
		kW	1.04	1.06	1.10	1.14	1.13	1.15	1.19	1.23	1.20	1.23	1.27	1.32	1.27	1.30	1.35	1.39	1.33	1.36	1.41	1.46	1.38	1.41	1.46	1.51
		Amps	4.3	4.4	4.6	4.8	4.7	4.8	5.0	5.2	5.1	5.2	5.4	5.6	5.5	5.6	5.8	6.0	5.8	6.0	6.2	6.4	6.2	6.3	6.5	6.8
		Hi PR	207	223	235	246	232	250	264	276	264	285	300	313	301	324	342	357	339	365	385	402	374	403	425	444
		Lo PR	105	111	121	129	110	118	128	137	115	122	133	142	121	128	140	149	126	134	147	156	131	139	152	162
	600	MBh	17.0	17.4	18.6	19.8	16.6	17.0	18.1	19.4	16.2	16.6	17.7	18.9	15.8	16.2	**17.3**	18.5	15.0	15.4	16.4	17.5	13.9	14.2	15.2	16.2
		S/T	0.89	0.84	0.68	0.51	0.92	0.87	0.70	0.53	0.95	0.89	0.72	0.54	0.98	0.92	**0.75**	0.56	1.00	0.95	0.77	0.58	1.00	0.96	0.78	0.58
		ΔT	23.2	22.2	19.3	15.5	23.5	22.5	19.6	15.6	23.5	22.5	19.6	15.7	23.7	22.7	**19.7**	15.8	23.0	22.4	19.5	15.5	21.3	20.9	18.2	14.5
		kW	1.05	1.08	1.11	1.15	1.14	1.17	1.21	1.25	1.22	1.25	1.29	1.33	1.28	1.32	**1.36**	1.41	1.34	1.38	1.42	1.48	1.39	1.43	1.48	1.53
		Amps	4.4	4.5	4.7	4.8	4.8	4.9	5.0	5.2	5.2	5.3	5.5	5.7	5.5	5.7	**5.9**	6.1	5.9	6.0	6.2	6.5	6.2	6.4	6.6	6.9
		Hi PR	210	226	239	249	236	254	268	279	268	288	304	318	305	328	**347**	362	343	369	390	407	379	408	431	450
		Lo PR	106	113	123	131	112	119	130	138	116	124	135	144	122	130	**142**	151	128	136	149	158	132	141	154	164
	650	MBh	17.5	17.9	19.1	20.5	17.1	17.5	18.7	20.0	16.7	17.1	18.2	19.5	16.3	16.7	17.8	19.0	15.5	15.8	16.9	18.1	14.3	14.7	15.7	16.7
		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
		ΔT	22.5	21.6	18.8	15.0	22.8	21.9	19.0	15.2	22.8	21.9	19.0	15.2	23.1	22.0	19.2	15.3	21.9	22.4	18.9	15.1	20.3	20.7	17.7	14.1
		kW	1.07	1.09	1.13	1.17	1.16	1.18	1.22	1.27	1.24	1.26	1.31	1.36	1.30	1.34	1.38	1.43	1.36	1.40	1.45	1.50	1.42	1.45	1.50	1.55
		Amps	4.5	4.6	4.7	4.9	4.8	4.9	5.1	5.3	5.2	5.4	5.6	5.8	5.6	5.8	5.9	6.2	6.0	6.1	6.3	6.6	6.3	6.5	6.7	7.0
		Hi PR	214	230	243	253	240	258	272	284	273	293	310	323	310	334	353	368	349	376	397	414	386	415	439	457
		Lo PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	139	151	161	135	143	157	167
85	525	MBh	16.5	16.8	17.6	18.7	16.1	16.4	17.2	18.3	15.7	16.0	16.8	17.9	15.3	15.6	16.3	17.4	14.5	14.8	15.5	16.6	13.5	13.7	14.4	15.3
		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
		ΔT	26.5	26.1	24.6	21.3	26.8	26.4	24.9	21.6	26.9	26.4	25.0	21.6	26.8	26.6	25.1	21.8	25.5	26.0	24.8	21.5	23.6	24.1	23.2	20.0
		kW	1.05	1.07	1.11	1.15	1.14	1.16	1.20	1.24	1.21	1.24	1.28	1.33	1.28	1.31	1.36	1.41	1.34	1.37	1.42	1.47	1.39	1.42	1.47	1.53
		Amps	4.4	4.5	4.6	4.8	4.7	4.9	5.0	5.2	5.2	5.3	5.5	5.7	5.5	5.6	5.8	6.1	5.9	6.0	6.2	6.4	6.2	6.4	6.6	6.8
		Hi PR	209	225	238	248	235	253	267	278	267	287	303	317	304	327	346	361	342	368	389	406	378	407	430	448
		Lo PR	106	112	123	131	112	119	130	138	116	123	135	143	122	130	141	151	128	136	148	158	132	140	153	163
	600	MBh	17.3	17.6	18.5	19.7	16.9	17.2	18.0	19.2	16.5	16.8	17.6	18.8	16.1	16.4	17.2	18.3	15.3	15.6	16.3	17.4	14.2	14.4	15.1	16.1
		S/T	0.93	0.90	0.81	0.66	0.97	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.93	0.75	1.00	1.00	0.93	0.76
		ΔT	24.8	24.3	23.0	19.9	25.1	24.6	23.3	20.2	25.1	24.7	23.3	20.2	24.7	24.8	23.5	20.3	23.4	23.9	23.2	20.0	21.7	22.1	21.6	18.7
		kW	1.06	1.08	1.12	1.16	1.15	1.18	1.22	1.26	1.23	1.26	1.30	1.35	1.30	1.33	1.37	1.42	1.36	1.39	1.44	1.49	1.41	1.44	1.49	1.54
		Amps	4.4	4.5	4.7	4.9	4.8	4.9	5.1	5.3	5.2	5.3	5.5	5.7	5.6	5.7	5.9	6.1	5.9	6.1	6.3	6.5	6.3	6.4	6.7	6.9
		Hi PR	212	228	241	251	238	256	270	282	271	291	308	321	308	332	350	365	347	373	394	411	383	412	435	454
		Lo PR	107	114	124	132	113	120	131	140	118	125	136	145	123	131	143	153	129	138	150	160	134	142	155	166
	650	MBh	17.8	18.2	19.0	20.3	17.4	17.8	18.6	19.8	17.0	17.3	18.2	19.4	16.6	16.9	17.7	18.9	15.8	16.1	16.8	18.0	14.6	14.9	15.6	16.6
		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
		ΔT	24.1	23.7	22.4	19.4	24.3	23.9	22.6	19.6	24.1	24.0	22.7	19.6	23.5	23.9	22.8	19.7	22.3	22.7	22.5	19.5	20.6	21.0	21.0	18.2
		kW	1.08	1.10	1.14	1.18	1.17	1.19	1.23	1.28	1.25	1.28	1.32	1.37	1.32	1.35	1.40	1.45	1.38	1.41	1.46	1.51	1.43	1.46	1.51	1.57
		Amps	4.5	4.6	4.8	4.9	4.9	5.0	5.2	5.4	5.3	5.4	5.6	5.8	5.7	5.8	6.0	6.2	6.0	6.2	6.4	6.6	6.4	6.6	6.8	7.0
		Hi PR	216	232	245	256	242	261	275	287	275	296	313	326	314	337	356	372	353	380	401	418	390	419	443	462
		Lo PR	109	116	126	135	115	122	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145	158	168

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

Expanded Cooling Data — VSX130241F*+CA*FA2422*6A*+EEP

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	700	MBh	23.4	23.7	24.4	-	23.2	23.5	24.2	-	22.6	22.9	23.6	-	21.5	21.9	22.6	-	20.2	20.6	21.3	-	19.1	19.4	20.1	-
		S/T	0.60	0.52	0.39	-	0.60	0.53	0.40	-	0.63	0.55	0.42	-	0.65	0.57	0.44	-	1.00	0.60	0.46	-	1.00	0.65	0.51	-
		ΔT	19	18	14	-	19	18	14	-	20	18	14	-	19	17	14	-	19	17	14	-	20	18	15	-
		kW	1.51	1.51	1.51	-	1.69	1.69	1.69	-	1.89	1.89	1.88	-	2.10	2.10	2.10	-	2.34	2.34	2.34	-	2.62	2.62	2.62	-
		Amps	5.6	5.6	5.6	-	6.4	6.4	6.4	-	7.3	7.3	7.3	-	8.3	8.3	8.3	-	9.4	9.4	9.4	-	10.7	10.7	10.6	-
		Hi PR	263	264	266	-	304	305	307	-	348	349	351	-	394	395	397	-	445	446	448	-	499	500	502	-
		Lo PR	123	125	128	-	131	132	135	-	137	139	142	-	143	144	147	-	148	150	153	-	155	156	160	-
	800	MBh	23.7	24.0	24.7	-	23.5	23.8	24.5	-	22.9	23.2	23.9	-	21.8	22.2	22.9	-	20.6	20.9	21.6	-	19.4	19.7	20.4	-
		S/T	0.66	0.58	0.45	-	0.66	0.59	0.45	-	0.69	0.61	0.48	-	1.00	0.63	0.50	-	1.00	0.65	0.52	-	1.00	0.71	0.57	-
		ΔT	18	16	13	-	18	16	13	-	18	17	13	-	18	16	13	-	18	16	13	-	19	17	14	-
		kW	1.52	1.52	1.52	-	1.70	1.70	1.70	-	1.90	1.90	1.89	-	2.11	2.11	2.11	-	2.35	2.35	2.35	-	2.63	2.63	2.63	-
		Amps	5.6	5.6	5.6	-	6.4	6.4	6.4	-	7.3	7.3	7.3	-	8.3	8.3	8.3	-	9.4	9.4	9.4	-	10.7	10.7	10.7	-
		Hi PR	265	266	268	-	306	308	309	-	350	351	353	-	397	398	400	-	447	448	450	-	501	502	504	-
		Lo PR	125	126	130	-	132	134	137	-	139	140	144	-	144	146	149	-	150	151	155	-	157	158	161	-
	900	MBh	24.1	24.4	25.1	-	23.9	24.2	24.9	-	23.3	23.6	24.3	-	22.2	22.5	23.2	-	20.9	21.3	21.9	-	19.7	20.1	20.8	-
		S/T	0.69	0.62	0.48	-	0.70	0.62	0.49	-	0.72	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.74	0.61	-
		ΔT	17	16	12	-	17	16	12	-	18	16	12	-	17	15	12	-	17	15	12	-	18	16	13	-
		kW	1.53	1.53	1.53	-	1.71	1.71	1.70	-	1.91	1.90	1.90	-	2.12	2.12	2.11	-	2.36	2.36	2.35	-	2.64	2.64	2.63	-
		Amps	5.7	5.7	5.6	-	6.5	6.5	6.5	-	7.4	7.4	7.4	-	8.4	8.4	8.3	-	9.5	9.4	9.4	-	10.7	10.7	10.7	-
		Hi PR	267	268	270	-	309	310	312	-	352	353	355	-	399	400	402	-	449	450	452	-	503	504	506	-
		Lo PR	127	128	132	-	134	136	139	-	141	142	146	-	146	148	151	-	152	153	157	-	159	160	163	-
75	700	MBh	23.4	23.7	24.4	25.5	23.2	23.5	24.2	25.3	22.6	**22.9**	23.6	24.7	21.5	21.9	22.6	23.6	20.3	20.6	21.3	22.4	19.1	19.4	20.1	21.2
		S/T	0.73	0.65	0.52	0.38	0.73	0.66	0.52	0.38	1.00	**0.68**	0.55	0.41	1.00	0.70	0.57	0.43	1.00	0.72	0.59	0.45	1.00	1.00	0.64	0.50
		ΔT	23	21	18	15	23	21	18	15	23	**22**	18	15	23	21	18	15	23	21	18	14	24	22	19	16
		kW	1.51	1.51	1.51	1.52	1.69	1.69	1.69	1.70	1.89	**1.89**	1.88	1.90	2.10	2.10	2.10	2.11	2.34	2.34	2.34	2.35	2.62	2.62	2.62	2.63
		Amps	5.6	5.6	5.6	5.6	6.4	6.4	6.4	6.4	7.3	**7.3**	7.3	7.3	8.3	8.3	8.3	8.3	9.4	9.4	9.4	9.4	10.7	10.6	10.6	10.7
		Hi PR	263	264	266	270	304	306	307	312	348	**349**	351	355	395	396	398	402	445	446	448	453	499	500	502	506
		Lo PR	123	125	128	133	131	132	135	140	137	**139**	142	147	143	144	147	153	148	150	153	158	155	156	160	165
	800	MBh	23.7	24.1	24.8	25.8	23.5	23.8	24.5	25.6	22.9	**23.2**	23.9	25.0	21.8	22.2	22.9	23.9	20.6	20.9	21.6	22.7	19.4	19.7	20.4	21.5
		S/T	0.79	0.71	0.58	0.44	0.79	0.72	0.58	0.44	1.00	**0.74**	0.61	0.47	1.00	0.76	0.63	0.49	1.00	0.78	0.65	0.51	1.00	1.00	0.70	0.56
		ΔT	22	20	17	14	22	20	17	14	22	**21**	17	14	22	20	17	14	22	20	17	13	23	21	18	14
		kW	1.52	1.52	1.52	1.53	1.70	1.70	1.69	1.71	1.90	**1.90**	1.89	1.91	2.11	2.11	2.11	2.12	2.35	2.35	2.34	2.36	2.63	2.63	2.63	2.64
		Amps	5.6	5.6	5.6	5.7	6.4	6.4	6.4	6.5	7.3	**7.3**	7.3	7.4	8.3	8.3	8.3	8.4	9.4	9.4	9.4	9.5	10.7	10.7	10.7	10.7
		Hi PR	265	266	268	273	307	308	310	314	350	**351**	353	358	397	398	400	404	447	448	450	455	501	502	504	509
		Lo PR	125	126	130	135	132	134	137	142	139	**140**	144	149	144	146	149	154	150	151	155	160	157	158	161	167
	900	MBh	24.1	24.4	25.1	26.2	23.9	24.2	24.9	26.0	23.3	**23.6**	24.3	25.4	22.2	22.5	23.2	24.3	20.9	21.3	22.0	23.0	19.8	20.1	20.8	21.9
		S/T	0.82	0.74	0.61	0.47	1.00	0.75	0.62	0.47	1.00	**0.77**	0.64	0.50	1.00	0.79	0.66	0.52	1.00	0.82	0.68	0.54	1.00	1.00	0.73	0.59
		ΔT	21	20	16	13	21	19	16	13	21	**20**	16	13	21	19	16	13	21	19	16	12	22	20	17	14
		kW	1.53	1.53	1.53	1.54	1.71	1.71	1.70	1.72	1.90	**1.90**	1.90	1.91	2.12	2.12	2.11	2.13	2.36	2.36	2.35	2.37	2.64	2.64	2.63	2.65
		Amps	5.7	5.7	5.6	5.7	6.5	6.5	6.5	6.5	7.4	**7.4**	7.4	7.4	8.4	8.4	8.3	8.4	9.5	9.4	9.4	9.5	10.7	10.7	10.7	10.8
		Hi PR	267	268	270	275	309	310	312	316	352	**353**	355	360	399	400	402	407	449	451	452	457	503	504	506	511
		Lo PR	127	128	132	137	134	136	139	144	141	**142**	146	151	146	148	151	156	152	153	157	162	159	160	163	169

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	700	MBh	23.5	23.9	24.6	25.6	23.3	23.7	24.4	25.4	22.7	23.0	23.7	24.8	21.7	22.0	22.7	23.8	20.4	20.7	21.4	22.5	19.2	19.5	20.2	21.3
		S/T	1.00	0.77	0.64	0.50	1.00	0.78	0.65	0.51	1.00	0.81	0.67	0.53	1.00	0.82	0.69	0.55	1.00	1.00	0.71	0.57	1.00	1.00	0.76	0.62
		ΔT	27	25	22	19	27	25	22	19	27	26	22	19	27	25	22	19	27	25	22	18	28	26	23	19
		kW	1.51	1.51	1.51	1.52	1.69	1.69	1.69	1.70	1.89	1.89	1.88	1.90	2.10	2.10	2.10	2.11	2.34	2.34	2.34	2.35	2.62	2.62	2.62	2.63
		Amps	5.6	5.6	5.6	5.6	6.4	6.4	6.4	6.4	7.3	7.3	7.3	7.3	8.3	8.3	8.3	8.3	9.4	9.4	9.4	9.4	10.7	10.7	10.6	10.7
		Hi PR	263	265	266	271	305	306	308	312	348	349	351	356	395	396	398	403	445	447	448	453	499	500	502	507
		Lo PR	124	125	128	134	131	133	136	141	138	139	142	148	143	145	148	153	149	150	153	159	155	157	160	165
	800	MBh	23.8	24.2	24.9	25.9	23.6	24.0	24.7	25.7	23.0	23.4	24.1	25.1	22.0	22.3	**23.0**	24.1	20.7	21.0	21.7	22.8	19.5	19.8	20.5	21.6
		S/T	1.00	0.83	0.70	0.56	1.00	0.84	0.71	0.57	1.00	0.86	0.73	0.59	1.00	1.00	**0.75**	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.82	0.68
		ΔT	26	24	21	18	26	24	21	18	26	25	21	18	26	24	**21**	18	26	24	21	17	27	25	22	18
		kW	1.52	1.52	1.52	1.53	1.70	1.70	1.70	1.71	1.90	1.90	1.89	1.91	2.11	2.11	**2.11**	2.12	2.35	2.35	2.35	2.36	2.63	2.63	2.63	2.64
		Amps	5.6	5.6	5.6	5.7	6.4	6.4	6.4	6.5	7.3	7.3	7.3	7.4	8.3	8.3	**8.3**	8.4	9.4	9.4	9.4	9.5	10.7	10.7	10.7	10.7
		Hi PR	266	267	269	273	307	308	310	315	351	352	353	358	397	398	**400**	405	448	449	451	455	501	503	504	509
		Lo PR	125	127	130	135	133	134	138	143	139	141	144	149	145	147	**150**	155	150	152	155	160	157	159	162	167
	900	MBh	24.2	24.5	25.2	26.3	24.0	24.3	25.0	26.1	23.4	23.7	24.4	25.5	22.3	22.7	23.4	24.4	21.1	21.4	22.1	23.2	19.9	20.2	20.9	22.0
		S/T	1.00	0.87	0.73	0.59	1.00	0.87	0.74	0.60	1.00	0.90	0.76	0.62	1.00	1.00	0.78	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.86	0.72
		ΔT	25	23	20	17	25	23	20	17	25	24	20	17	25	23	20	17	25	23	20	16	26	24	21	17
		kW	1.53	1.53	1.53	1.54	1.71	1.71	1.70	1.72	1.91	1.90	1.90	1.91	2.12	2.12	2.11	2.13	2.36	2.36	2.35	2.37	2.64	2.64	2.63	2.65
		Amps	5.7	5.7	5.6	5.7	6.5	6.5	6.5	6.5	7.4	7.4	7.4	7.4	8.4	8.4	8.3	8.4	9.5	9.4	9.4	9.5	10.7	10.7	10.7	10.8
		Hi PR	268	269	271	275	309	310	312	317	353	354	356	360	399	401	402	407	450	451	453	457	504	505	507	511
		Lo PR	127	129	132	137	135	136	140	145	141	143	146	151	147	149	152	157	152	154	157	162	159	161	164	169
85	700	MBh	23.9	24.3	25.0	26.0	23.7	24.1	24.7	25.8	23.1	23.4	24.1	25.2	22.1	22.4	23.1	24.2	20.8	21.1	21.8	22.9	19.6	19.9	20.6	21.7
		S/T	1.00	0.87	0.74	0.60	1.00	0.88	0.75	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.81	0.67	1.00	1.00	1.00	0.72
		ΔT	31	29	26	22	31	29	26	22	31	29	26	22	31	29	26	22	30	29	25	22	32	30	26	23
		kW	1.52	1.52	1.51	1.53	1.69	1.69	1.69	1.70	1.89	1.89	1.89	1.90	2.11	2.10	2.10	2.11	2.34	2.34	2.34	2.35	2.62	2.62	2.62	2.63
		Amps	5.6	5.6	5.6	5.6	6.4	6.4	6.4	6.5	7.3	7.3	7.3	7.4	8.3	8.3	8.3	8.3	9.4	9.4	9.4	9.4	10.7	10.7	10.7	10.7
		Hi PR	265	266	268	272	306	307	309	314	350	351	353	357	396	397	399	404	447	448	450	454	500	502	503	508
		Lo PR	125	127	130	135	133	134	138	143	140	141	144	149	145	147	150	155	150	152	155	160	157	159	162	167
	800	MBh	24.2	24.6	25.3	26.3	24.0	24.4	25.1	26.1	23.4	23.7	24.4	25.5	22.4	22.7	23.4	24.5	21.1	21.4	22.1	23.2	19.9	20.2	20.9	22.0
		S/T	1.00	0.93	0.80	0.66	1.00	1.00	0.81	0.67	1.00	1.00	0.83	0.69	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	1.00	0.78
		ΔT	30	28	25	21	30	28	24	21	30	28	25	21	30	28	24	21	29	28	24	21	30	29	25	22
		kW	1.53	1.52	1.52	1.54	1.70	1.70	1.70	1.71	1.90	1.90	1.90	1.91	2.11	2.11	2.11	2.12	2.35	2.35	2.35	2.36	2.63	2.63	2.63	2.64
		Amps	5.6	5.6	5.6	5.7	6.5	6.5	6.4	6.5	7.4	7.4	7.3	7.4	8.3	8.3	8.3	8.4	9.4	9.4	9.4	9.5	10.7	10.7	10.7	10.8
		Hi PR	267	268	270	274	308	309	311	316	352	353	355	359	399	400	401	406	449	450	452	456	503	504	506	510
		Lo PR	127	129	132	137	135	136	139	145	141	143	146	151	147	148	152	157	152	154	157	162	159	161	164	169
	900	MBh	24.6	24.9	25.6	26.7	24.4	24.7	25.4	26.5	23.8	24.1	24.8	25.9	22.7	23.1	23.8	24.8	21.4	21.8	22.5	23.5	20.3	20.6	21.3	22.4
		S/T	1.00	0.97	0.83	0.69	1.00	1.00	0.84	0.70	1.00	1.00	0.86	0.72	1.00	1.00	0.88	0.74	1.00	1.00	1.00	0.76	1.00	1.00	1.00	0.82
		ΔT	29	27	24	20	29	27	24	20	29	27	24	20	29	27	24	20	28	27	23	20	30	28	24	21
		kW	1.53	1.53	1.53	1.54	1.71	1.71	1.71	1.72	1.91	1.91	1.90	1.92	2.12	2.12	2.12	2.13	2.36	2.36	2.36	2.37	2.64	2.64	2.64	2.65
		Amps	5.7	5.7	5.7	5.7	6.5	6.5	6.5	6.5	7.4	7.4	7.4	7.4	8.4	8.4	8.4	8.4	9.5	9.5	9.5	9.5	10.8	10.7	10.7	10.8
		Hi PR	269	270	272	277	310	312	313	318	354	355	357	361	401	402	404	408	451	452	454	459	505	506	508	512
		Lo PR	129	131	134	139	137	138	141	147	143	145	148	153	149	150	154	159	154	156	159	164	161	163	166	171

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

Expanded Cooling Data — VSX130301M* / CA*F3030*6D*+EEP

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	875	MBh	24.9	25.8	28.3	-	24.4	25.2	27.7	-	23.8	24.6	27.0	-	23.2	24.0	26.3	-	22.0	22.8	25.0	-	20.4	21.2	23.2	-
		S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-
		ΔT	19	16	12	-	19	16	13	-	19	16	13	-	19	17	13	-	19	16	12	-	18	15	12	-
		kW	1.60	1.64	1.70	-	1.74	1.78	1.85	-	1.87	1.91	1.98	-	1.97	2.02	2.10	-	2.07	2.12	2.20	-	2.15	2.20	2.28	-
		Amps	6.6	6.8	7.0	-	7.2	7.4	7.7	-	7.9	8.1	8.4	-	8.5	8.7	9.0	-	9.1	9.3	9.6	-	9.6	9.9	10.2	-
		Hi PR	209	224	237	-	234	252	266	-	266	286	303	-	303	326	345	-	341	367	388	-	377	406	428	-
		Lo PR	103	109	119	-	109	116	126	-	113	120	131	-	119	126	138	-	124	132	144	-	128	137	149	-
	1050	MBh	27.0	28.0	30.7	-	26.4	27.4	30.0	-	25.8	26.7	29.3	-	25.1	26.1	28.5	-	23.9	24.7	27.1	-	22.1	22.9	25.1	-
		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	-
		ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-
		kW	1.65	1.69	1.75	-	1.79	1.83	1.90	-	1.92	1.97	2.04	-	2.03	2.08	2.16	-	2.13	2.18	2.26	-	2.21	2.26	2.35	-
		Amps	6.8	7.0	7.3	-	7.4	7.6	7.9	-	8.1	8.3	8.6	-	8.7	9.0	9.3	-	9.3	9.6	9.9	-	9.9	10.2	10.6	-
		Hi PR	215	231	244	-	241	260	274	-	274	295	312	-	313	336	355	-	352	378	400	-	389	418	442	-
		Lo PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	132	141	154	-
	1125	MBh	27.3	28.3	31.0	-	26.7	27.6	30.3	-	26.0	27.0	29.5	-	25.4	26.3	28.8	-	24.1	25.0	27.4	-	22.3	23.2	25.4	-
		S/T	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.81	0.67	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-
		ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
		kW	1.65	1.69	1.75	-	1.80	1.84	1.91	-	1.92	1.97	2.04	-	2.04	2.09	2.16	-	2.13	2.18	2.26	-	2.21	2.27	2.35	-
		Amps	6.9	7.0	7.3	-	7.5	7.7	7.9	-	8.2	8.4	8.7	-	8.8	9.0	9.3	-	9.4	9.6	10.0	-	10.0	10.2	10.6	-
		Hi PR	216	232	245	-	242	260	275	-	275	296	313	-	314	337	356	-	353	380	401	-	390	419	443	-
		Lo PR	106	113	123	-	112	119	130	-	117	124	136	-	123	130	142	-	128	137	149	-	133	141	154	-
75	875	MBh	25.4	26.1	28.3	30.3	24.8	25.5	27.6	29.6	24.2	24.9	26.9	28.9	23.6	**24.3**	26.3	28.2	22.4	23.1	25.0	26.8	20.8	21.4	23.1	24.8
		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	0.89	**0.80**	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
		ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	**20**	17	12	22	20	16	11	20	19	15	11
		kW	1.62	1.66	1.72	1.78	1.76	1.80	1.87	1.93	1.88	1.93	2.00	2.07	1.99	**2.04**	2.12	2.19	2.09	2.14	2.22	2.30	2.17	2.22	2.30	2.39
		Amps	6.7	6.9	7.1	7.4	7.3	7.5	7.7	8.1	8.0	8.2	8.5	8.8	8.6	**8.8**	9.1	9.5	9.2	9.4	9.7	10.1	9.7	10.0	10.4	10.8
		Hi PR	211	227	239	250	236	254	269	280	269	289	306	319	306	**330**	348	363	345	371	392	408	381	410	433	451
		Lo PR	104	110	121	128	110	117	127	136	114	121	132	141	120	**127**	139	148	125	134	146	155	130	138	151	161
	1050	MBh	27.5	28.3	30.6	32.9	26.8	27.6	29.9	32.1	26.2	27.0	29.2	31.3	25.6	**26.3**	28.5	30.6	24.3	25.0	27.1	29.0	22.5	23.2	25.1	26.9
		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
		ΔT	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	1.66	1.70	1.76	1.83	1.81	1.85	1.92	1.99	1.94	1.98	2.06	2.13	2.05	**2.10**	2.18	2.26	2.15	2.20	2.28	2.36	2.23	2.28	2.37	2.46
		Amps	6.9	7.1	7.3	7.6	7.5	7.7	8.0	8.3	8.2	8.4	8.7	9.1	8.8	**9.1**	9.4	9.8	9.4	9.7	10.0	10.4	10.0	10.3	10.7	11.1
		Hi PR	217	234	247	257	244	262	277	289	277	298	315	329	316	**340**	359	374	355	382	404	421	393	422	446	465
		Lo PR	107	114	124	132	113	120	131	140	118	125	136	145	123	**131**	143	153	129	138	150	160	134	142	155	166
	1125	MBh	27.8	28.6	30.9	33.2	27.1	27.9	30.2	32.4	26.5	27.2	29.5	31.6	25.8	**26.6**	28.8	30.9	24.5	25.3	27.3	29.3	22.7	23.4	25.3	27.2
		S/T	0.86	0.77	0.58	0.38	0.89	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	**0.85**	0.64	0.41	0.98	0.88	0.66	0.43	0.99	0.89	0.67	0.43
		ΔT	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	1.67	1.71	1.77	1.83	1.81	1.86	1.92	1.99	1.94	1.99	2.06	2.14	2.06	**2.11**	2.18	2.26	2.15	2.21	2.29	2.37	2.24	2.29	2.37	2.46
		Amps	6.9	7.1	7.4	7.7	7.5	7.7	8.0	8.3	8.2	8.5	8.8	9.1	8.9	**9.1**	9.4	9.8	9.5	9.7	10.1	10.5	10.1	10.3	10.7	11.1
		Hi PR	218	234	248	258	245	263	278	290	278	299	316	330	317	**341**	360	375	356	383	405	422	394	424	447	467
		Lo PR	107	114	125	133	113	121	132	140	118	125	137	146	124	**132**	144	153	130	138	151	161	134	143	156	166

IDB: Entering Indoor Dry Bulb Temperature

High and low pressures are measured at the liquid and suction service valves.

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

Amps = outdoor unit amps (comp.+fan)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	875	MBh	25.8	26.4	28.2	30.1	25.2	25.8	27.5	29.4	24.6	25.1	26.9	28.7	24.0	24.5	26.2	28.0	22.8	23.3	24.9	26.6	21.1	21.6	23.1	24.7
		S/T	0.89	0.84	0.68	0.5	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.5	0.98	0.92	0.75	0.56	1.02	0.96	0.78	0.6	1.03	0.96	0.78	0.59
		ΔT	24	23	20	16	25	24	20	16	25	24	20	16	25	24	21	16	24	23	20	16	23	22	19	15
		kW	1.63	1.67	1.73	1.8	1.77	1.82	1.88	1.95	1.90	1.95	2.02	2.1	2.01	2.06	2.14	2.21	2.11	2.16	2.24	2.3	2.19	2.24	2.32	2.41
		Amps	6.8	6.9	7.2	7.5	7.4	7.6	7.8	8.1	8.1	8.3	8.6	8.9	8.7	8.9	9.2	9.6	9.2	9.5	9.8	10.2	9.8	10.1	10.5	10.9
		Hi PR	213	229	242	252.3	239	257	271	283	272	292	309	322.0	309	333	352	367	348	375	396	412.5	385	414	437	456
		Lo PR	105	112	122	129.7	111	118	129	137	115	123	134	142.4	121	129	140	150	127	135	147	156.8	131	139	152	162
	1050	MBh	28.0	28.6	30.5	32.6	27.3	27.9	29.8	31.9	26.7	27.2	29.1	31.1	26.0	26.6	**28.4**	30.4	24.7	25.3	27.0	28.8	22.9	23.4	25.0	26.7
		S/T	0.93	0.87	0.71	0.5	0.96	0.90	0.73	0.55	0.99	0.92	0.75	0.6	1.00	0.95	**0.78**	0.58	1.00	0.99	0.81	0.6	1.00	1.00	0.81	0.61
		ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	**19**	15	22	22	19	15	20	20	18	14
		kW	1.68	1.72	1.78	1.8	1.82	1.87	1.94	2.01	1.95	2.00	2.07	2.2	2.07	2.12	**2.20**	2.28	2.17	2.22	2.30	2.4	2.25	2.31	2.39	2.48
		Amps	7.0	7.2	7.4	7.7	7.6	7.8	8.1	8.4	8.3	8.5	8.8	9.2	8.9	9.1	**9.5**	9.9	9.5	9.8	10.1	10.5	10.1	10.4	10.8	11.2
		Hi PR	219	236	249	260.1	246	265	280	292	280	301	318	331.9	319	343	**362**	378	359	386	408	425.3	396	427	451	470
		Lo PR	108	115	126	133.7	114	122	133	141	119	126	138	146.8	125	133	**145**	154	131	139	152	161.6	135	144	157	167
	1125	MBh	28.2	28.9	30.8	33.0	27.6	28.2	30.1	32.2	26.9	27.5	29.4	31.4	26.3	26.8	28.7	30.7	25.0	25.5	27.2	29.1	23.1	23.6	25.2	27.0
		S/T	0.95	0.89	0.72	0.5	0.98	0.92	0.75	0.56	1.00	0.94	0.77	0.6	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.6	1.00	1.00	0.83	0.62
		ΔT	22	21	18	15	22	21	18	15	22	21	18	15	21	21	19	15	20	21	18	15	19	19	17	14
		kW	1.68	1.72	1.78	1.8	1.83	1.87	1.94	2.01	1.96	2.01	2.08	2.2	2.07	2.13	2.20	2.28	2.17	2.23	2.31	2.4	2.26	2.31	2.40	2.49
		Amps	7.0	7.2	7.4	7.7	7.6	7.8	8.1	8.4	8.3	8.5	8.8	9.2	8.9	9.2	9.5	9.9	9.6	9.8	10.2	10.6	10.2	10.4	10.8	11.2
		Hi PR	220	237	250	260.9	247	266	281	293	281	302	319	332.9	320	344	364	379	360	387	409	426.6	398	428	452	471
		Lo PR	108	115	126	134.1	115	122	133	142	119	127	138	147.3	125	133	145	155	131	139	152	162.1	136	144	157	168
85	875	MBh	26.3	26.8	28.0	29.9	25.7	26.1	27.4	29.2	25.0	25.5	26.7	28.5	24.4	24.9	26.1	27.8	23.2	23.7	24.8	26.4	21.5	21.9	23.0	24.5
		S/T	0.94	0.90	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.94	0.76
		ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	25	21	24	25	24	21	23	23	23	20
		kW	1.65	1.69	1.75	1.81	1.79	1.83	1.90	1.97	1.92	1.96	2.04	2.11	2.03	2.08	2.16	2.24	2.13	2.18	2.26	2.34	2.21	2.26	2.35	2.43
		Amps	6.8	7.0	7.3	7.6	7.4	7.6	7.9	8.2	8.1	8.3	8.6	9.0	8.7	9.0	9.3	9.7	9.3	9.6	9.9	10.3	9.9	10.2	10.6	11.0
		Hi PR	215	231	244	255	241	260	274	286	274	295	312	325	312	336	355	370	352	378	399	417	388	418	441	460
		Lo PR	106	113	123	131	112	119	130	138	116	124	135	144	122	130	142	151	128	136	149	158	132	141	154	164
	1050	MBh	28.5	29.0	30.4	32.4	27.8	28.3	29.7	31.7	27.1	27.7	29.0	30.9	26.5	27.0	28.3	30.1	25.1	25.6	26.8	28.6	23.3	23.7	24.9	26.5
		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
		ΔT	24	24	23	19	24	24	23	20	24	24	23	20	23	24	23	20	22	22	23	20	20	21	21	18
		kW	1.69	1.73	1.80	1.86	1.84	1.89	1.95	2.03	1.97	2.02	2.09	2.17	2.09	2.14	2.22	2.30	2.19	2.24	2.32	2.41	2.27	2.33	2.41	2.50
		Amps	7.0	7.2	7.5	7.8	7.7	7.9	8.1	8.5	8.4	8.6	8.9	9.3	9.0	9.2	9.6	10.0	9.6	9.9	10.2	10.6	10.2	10.5	10.9	11.3
		Hi PR	222	239	252	263	249	268	283	295	283	304	321	335	322	347	366	382	362	390	412	430	400	431	455	475
		Lo PR	109	116	127	135	115	123	134	143	120	128	139	148	126	134	146	156	132	140	153	163	137	145	159	169
	1125	MBh	28.7	29.3	30.7	32.7	28.1	28.6	30.0	32.0	27.4	27.9	29.3	31.2	26.7	27.3	28.5	30.4	25.4	25.9	27.1	28.9	23.5	24.0	25.1	26.8
		S/T	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.99	0.80
		ΔT	23	23	22	19	23	23	22	19	22	23	22	19	22	22	22	19	21	21	22	19	19	20	20	18
		kW	1.70	1.74	1.80	1.87	1.85	1.89	1.96	2.03	1.98	2.03	2.10	2.18	2.09	2.15	2.22	2.31	2.19	2.25	2.33	2.42	2.28	2.33	2.42	2.51
		Amps	7.1	7.2	7.5	7.8	7.7	7.9	8.2	8.5	8.4	8.6	8.9	9.3	9.0	9.3	9.6	10.0	9.7	9.9	10.3	10.7	10.3	10.5	10.9	11.4
		Hi PR	222	239	253	263	249	268	283	296	284	305	322	336	323	348	367	383	364	391	413	431	402	432	456	476
		Lo PR	110	117	127	135	116	123	134	143	120	128	140	149	126	134	147	156	132	141	154	164	137	146	159	169

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps (comp.+fan)

Expanded Cooling Data — VSX130361F*/CA*F3642*6C*

			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	32.9	34.1	37.4	-	32.2	33.3	36.5	-	31.4	32.5	35.7	-	30.6	31.7	34.8	-	29.1	30.2	33.0	-	27.0	27.9	30.6	-
		S/T	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.74	0.51	-	0.89	0.74	0.51	-
		ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-
		kW	2.44	2.49	2.55	-	2.61	2.65	2.73	-	2.75	2.80	2.88	-	2.88	2.94	3.02	-	2.99	3.05	3.14	-	3.08	3.14	3.24	-
		Amps	9.7	9.9	10.0	-	10.1	10.3	10.5	-	10.6	10.8	11.0	-	11.0	11.2	11.4	-	11.4	11.6	11.8	-	11.8	12.0	12.2	-
		HI PR	183	197	208	-	205	221	234	-	234	252	266	-	266	286	302	-	299	322	340	-	331	356	376	-
		LO PR	95	101	110	-	100	107	117	-	104	111	121	-	110	117	127	-	115	122	134	-	119	126	138	-
	1200	MBh	32.0	33.1	36.3	-	31.2	32.4	35.5	-	30.5	31.6	34.6	-	29.7	30.8	33.8	-	28.2	29.3	32.1	-	26.2	27.1	29.7	-
		S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		kW	2.42	2.47	2.54	-	2.59	2.64	2.71	-	2.73	2.78	2.86	-	2.86	2.91	3.00	-	2.96	3.02	3.11	-	3.06	3.12	3.21	-
		Amps	9.7	9.8	10.0	-	10.1	10.2	10.4	-	10.6	10.7	10.9	-	11.0	11.1	11.3	-	11.4	11.5	11.8	-	11.8	11.9	12.2	-
		HI PR	181	195	206	-	203	219	231	-	231	249	263	-	264	284	299	-	296	319	337	-	328	353	372	-
		LO PR	94	100	109	-	99	106	116	-	103	110	120	-	109	116	126	-	114	121	132	-	118	125	137	-
	1050	MBh	29.5	30.6	33.5	-	28.8	29.9	32.7	-	28.1	29.2	31.9	-	27.4	28.4	31.2	-	26.1	27.0	29.6	-	24.2	25.0	27.4	-
		S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-
		ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		kW	2.37	2.42	2.48	-	2.53	2.58	2.65	-	2.67	2.72	2.80	-	2.79	2.85	2.93	-	2.90	2.96	3.04	-	2.99	3.05	3.14	-
		Amps	9.6	9.7	9.8	-	10.0	10.1	10.3	-	10.4	10.5	10.7	-	10.8	10.9	11.1	-	11.2	11.3	11.6	-	11.6	11.7	12.0	-
		HI PR	176	189	200	-	197	212	224	-	224	242	255	-	256	275	291	-	288	309	327	-	318	342	361	-
		LO PR	91	97	106	-	96	103	112	-	100	107	116	-	105	112	122	-	110	117	128	-	114	121	133	-
75	1350	MBh	33.5	34.5	37.3	40.0	32.7	33.7	36.4	39.1	31.9	32.9	35.6	38.2	31.1	**32.1**	34.7	37.3	29.6	30.5	33.0	35.4	27.4	28.2	30.5	32.8
		S/T	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.93	0.84	0.63	0.41	0.96	**0.86**	0.65	0.42	1.00	0.90	0.68	0.44	1.00	0.90	0.68	0.44
		ΔT	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	2.46	2.50	2.57	2.65	2.62	2.67	2.75	2.83	2.77	2.82	2.91	2.99	2.90	**2.96**	3.04	3.14	3.01	3.07	3.16	3.26	3.10	3.17	3.26	3.36
		Amps	9.8	9.9	10.1	10.3	10.2	10.3	10.5	10.7	10.7	10.8	11.0	11.3	11.1	**11.2**	11.4	11.7	11.5	11.7	11.9	12.2	11.9	12.1	12.3	12.6
		HI PR	185	199	210	219	208	223	236	246	236	254	268	280	269	**289**	306	319	303	326	344	359	334	360	380	396
		LO PR	96	102	112	119	101	108	118	126	105	112	123	130	111	**118**	129	137	116	124	135	144	120	128	139	149
	1200	MBh	32.5	33.5	36.2	38.9	31.8	32.7	35.4	38.0	31.0	31.9	34.5	37.1	30.2	**31.1**	33.7	36.2	28.7	29.6	32.0	34.4	26.6	27.4	29.7	31.8
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	**0.82**	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42
		ΔT	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	2.44	2.49	2.56	2.63	2.61	2.66	2.73	2.81	2.75	2.80	2.89	2.97	2.88	**2.94**	3.02	3.11	2.99	3.05	3.14	3.23	3.08	3.14	3.24	3.34
		Amps	9.7	9.9	10.0	10.2	10.1	10.3	10.5	10.7	10.6	10.8	11.0	11.2	11.0	**11.2**	11.4	11.6	11.4	11.6	11.8	12.1	11.8	12.0	12.2	12.5
		HI PR	183	197	208	217	206	221	234	244	234	252	266	277	266	**287**	303	316	300	322	340	355	331	356	376	392
		LO PR	95	101	110	118	100	107	117	124	104	111	121	129	110	**117**	127	136	115	122	134	142	119	127	138	147
	1050	MBh	30.0	30.9	33.4	35.9	29.3	30.2	32.7	35.1	28.6	29.5	31.9	34.2	27.9	**28.7**	31.1	33.4	26.5	27.3	29.6	31.7	24.6	25.3	27.4	29.4
		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	0.89	**0.79**	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40
		ΔT	21	20	16	11	21	20	16	11	22	20	16	11	22	**20**	16	11	21	20	16	11	20	18	15	10
		kW	2.39	2.43	2.50	2.57	2.55	2.60	2.67	2.75	2.69	2.74	2.82	2.90	2.81	**2.87**	2.95	3.04	2.92	2.98	3.07	3.16	3.01	3.07	3.16	3.26
		Amps	9.6	9.7	9.9	10.1	10.0	10.1	10.3	10.5	10.5	10.6	10.8	11.0	10.8	**11.0**	11.2	11.4	11.2	11.4	11.6	11.9	11.6	11.8	12.0	12.3
		HI PR	178	191	202	211	199	215	227	236	227	244	258	269	258	**278**	293	306	291	313	330	344	321	345	365	380
		LO PR	92	98	107	114	97	104	113	121	101	108	118	125	106	**113**	124	132	112	119	130	138	115	123	134	143

IDB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.

Shaded area reflects ACCA (TVA) conditions
kW = Total system power

Amps = outdoor unit amps (comp.+fan)
Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions

Expanded Cooling Data — VSX130361F/ CA*F3642*6C* (cont.)

			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	1350	MBh	34.1	34.8	37.2	39.8	33.3	34.0	36.3	38.8	32.5	33.2	35.5	37.9	31.7	32.4	34.6	37.0	30.1	30.8	32.9	35.1	27.9	28.5	30.5	32.6
		S/T	0.96	0.90	0.74	0.6	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.6	1.00	1.00	0.81	0.60	1.00	1.00	0.84	0.6	1.00	1.00	0.84	0.63
		Δ T	22	21	19	15	23	22	19	15	22	22	19	15	22	22	19	15	21	21	19	15	19	19	18	14
		kW	2.48	2.52	2.59	2.7	2.64	2.69	2.77	2.85	2.79	2.85	2.93	3.0	2.92	2.98	3.07	3.16	3.03	3.09	3.19	3.3	3.13	3.19	3.29	3.39
		Amps	9.8	10.0	10.1	10.3	10.2	10.4	10.6	10.8	10.7	10.9	11.1	11.3	11.1	11.3	11.5	11.8	11.5	11.7	12.0	12.2	12.0	12.1	12.4	12.7
		Hi PR	187	201	212	221.5	210	226	238	249	238	257	271	282.7	272	292	309	322	306	329	347	362.2	338	363	384	400
		Lo PR	97	103	113	120.0	103	109	119	127	107	113	124	131.8	112	119	130	138	117	125	136	145.1	121	129	141	150
	1200	MBh	33.1	33.8	36.1	38.6	32.3	33.0	35.3	37.7	31.5	32.2	34.4	36.8	30.8	31.4	**33.6**	35.9	29.2	29.9	31.9	34.1	27.1	27.7	29.6	31.6
		S/T	0.92	0.86	0.70	0.5	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.6	1.00	0.95	**0.77**	0.58	1.00	0.98	0.80	0.6	1.00	0.99	0.81	0.60
		Δ T	23	22	19	16	24	23	20	16	24	23	20	16	24	23	**20**	16	22	22	20	16	21	21	18	15
		kW	2.46	2.50	2.57	2.6	2.62	2.67	2.75	2.83	2.77	2.82	2.91	3.0	2.90	2.96	**3.05**	3.14	3.01	3.07	3.16	3.3	3.10	3.17	3.26	3.36
		Amps	9.8	9.9	10.1	10.3	10.2	10.3	10.5	10.7	10.7	10.8	11.0	11.3	11.1	11.2	**11.5**	11.7	11.5	11.7	11.9	12.2	11.9	12.1	12.3	12.6
		Hi PR	185	199	210	219.3	208	223	236	246	236	254	268	279.9	269	289	**306**	319	303	326	344	358.6	334	360	380	396
		Lo PR	96	102	112	118.8	102	108	118	126	105	112	123	130.5	111	118	**129**	137	116	124	135	143.6	120	128	140	149
	1050	MBh	30.5	31.2	33.3	35.6	29.8	30.5	32.6	34.8	29.1	29.8	31.8	34.0	28.4	29.0	31.0	33.2	27.0	27.6	29.5	31.5	25.0	25.5	27.3	29.2
		S/T	0.89	0.83	0.68	0.5	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.5	0.97	0.91	0.74	0.55	1.01	0.95	0.77	0.6	1.02	0.95	0.78	0.58
		Δ 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	2.41	2.45	2.52	2.6	2.57	2.62	2.69	2.77	2.71	2.76	2.84	2.9	2.84	2.89	2.98	3.07	2.94	3.00	3.09	3.2	3.03	3.10	3.19	3.29
		Amps	9.7	9.8	9.9	10.1	10.0	10.2	10.4	10.6	10.5	10.6	10.8	11.1	10.9	11.1	11.3	11.5	11.3	11.5	11.7	11.9	11.7	11.9	12.1	12.4
		Hi PR	179	193	204	212.7	201	217	229	239	229	246	260	271.5	261	281	296	309	293	316	333	347.8	324	349	368	384
		Lo PR	93	99	108	115.3	98	105	114	122	102	109	119	126.6	107	114	125	133	113	120	131	139.3	117	124	135	144
85	1350	MBh	34.7	35.3	37.0	39.5	33.9	34.5	36.2	38.6	33.1	33.7	35.3	37.7	32.3	32.9	34.4	36.7	30.6	31.2	32.7	34.9	28.4	28.9	30.3	32.3
		S/T	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.82
		Δ T	24	23	22	19	23	24	22	19	23	23	22	19	22	22	23	20	21	21	22	19	19	20	21	18
		kW	2.49	2.54	2.61	2.68	2.66	2.71	2.79	2.87	2.81	2.87	2.95	3.04	2.94	3.00	3.09	3.19	3.06	3.12	3.21	3.31	3.15	3.22	3.31	3.42
		Amps	9.9	10.0	10.2	10.4	10.3	10.4	10.6	10.8	10.8	10.9	11.1	11.4	11.2	11.4	11.6	11.8	11.6	11.8	12.0	12.3	12.0	12.2	12.5	12.7
		Hi PR	189	203	214	224	212	228	241	251	241	259	274	285	274	295	312	325	309	332	351	366	341	367	387	404
		Lo PR	98	104	114	121	104	110	120	128	108	114	125	133	113	120	131	140	118	126	138	147	123	130	142	152
	1200	MBh	33.7	34.3	35.9	38.3	32.9	33.5	35.1	37.5	32.1	32.7	34.3	36.6	31.3	31.9	33.4	35.7	29.7	30.3	31.8	33.9	27.6	28.1	29.4	31.4
		S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78
		Δ T	25	24	23	20	25	25	23	20	25	25	23	20	24	24	24	20	23	23	23	20	21	22	22	19
		kW	2.48	2.52	2.59	2.67	2.64	2.69	2.77	2.85	2.79	2.85	2.93	3.02	2.92	2.98	3.07	3.16	3.03	3.09	3.19	3.28	3.13	3.19	3.29	3.39
		Amps	9.8	10.0	10.1	10.3	10.2	10.4	10.6	10.8	10.7	10.9	11.1	11.3	11.1	11.3	11.5	11.8	11.5	11.7	12.0	12.2	12.0	12.1	12.4	12.7
		Hi PR	187	201	212	221	210	226	238	249	238	257	271	283	272	292	309	322	306	329	347	362	338	363	384	400
		Lo PR	97	103	113	120	103	109	119	127	107	113	124	132	112	119	130	138	117	125	136	145	121	129	141	150
	1050	MBh	31.1	31.7	33.2	35.4	30.3	30.9	32.4	34.6	29.6	30.2	31.6	33.7	28.9	29.5	30.9	32.9	27.5	28.0	29.3	31.3	25.4	25.9	27.2	29.0
		S/T	0.93	0.90	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
		Δ T	25	25	24	20	26	25	24	21	26	25	24	21	25	25	24	21	24	25	24	20	22	23	22	19
		kW	2.42	2.47	2.54	2.61	2.59	2.64	2.71	2.79	2.73	2.78	2.86	2.95	2.86	2.91	3.00	3.09	2.96	3.02	3.11	3.21	3.06	3.12	3.21	3.31
		Amps	9.7	9.8	10.0	10.2	10.1	10.2	10.4	10.6	10.6	10.7	10.9	11.1	11.0	11.1	11.3	11.6	11.4	11.5	11.7	12.0	11.8	11.9	12.2	12.5
		Hi PR	181	195	206	215	203	219	231	241	231	249	263	274	263	284	299	312	296	319	337	351	327	352	372	388
		Lo PR	94	100	109	116	99	106	115	123	103	110	120	128	109	115	126	134	114	121	132	141	118	125	137	146

IDB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.

Shaded area reflects AHRI conditions
kW = Total system power

Amps = outdoor unit amps (comp.+fan)
Design Subcooling 9 ±3 °F @ the liquid service valve, ARI 95 test conditions

Expanded Cooling Data — VSX130421** / CA*F3642*6D*

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	1525	MBh	39.2	40.6	44.5	-	38.3	39.7	43.5	-	37.4	38.7	42.4	-	36.5	37.8	41.4	-	34.6	35.9	39.3	-	32.1	33.3	36.4	-
		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	-
		ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-
		kW	2.87	2.92	3.01	-	3.07	3.13	3.22	-	3.24	3.31	3.41	-	3.40	3.47	3.58	-	3.53	3.61	3.72	-	3.65	3.72	3.84	-
		Amps	10.5	10.7	11.1	-	11.3	11.6	11.9	-	12.2	12.5	12.9	-	13.1	13.4	13.8	-	13.9	14.2	14.7	-	14.7	15.0	15.5	-
		Hi PR	217	234	247	-	244	262	277	-	277	298	315	-	315	340	359	-	355	382	403	-	392	422	446	-
		Lo PR	106	113	124	-	112	120	131	-	117	124	136	-	123	131	143	-	129	137	149	-	133	142	155	-
	1350	MBh	38.1	39.4	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	-	0.73	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	-
		ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		kW	2.85	2.90	2.98	-	3.05	3.11	3.20	-	3.22	3.29	3.38	-	3.38	3.44	3.55	-	3.51	3.58	3.69	-	3.62	3.70	3.81	-
		Amps	10.4	10.6	11.0	-	11.2	11.5	11.8	-	12.1	12.4	12.8	-	12.9	13.3	13.7	-	13.8	14.1	14.6	-	14.6	14.9	15.4	-
		Hi PR	215	231	244	-	241	260	274	-	274	295	312	-	312	336	355	-	351	378	399	-	388	418	441	-
		Lo PR	105	112	122	-	111	118	129	-	116	123	134	-	122	129	141	-	127	135	148	-	132	140	153	-
	1175	MBh	35.1	36.4	39.9	-	34.3	35.6	39.0	-	33.5	34.7	38.0	-	32.7	33.9	37.1	-	31.0	32.2	35.2	-	28.8	29.8	32.7	-
		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	-
		ΔT	19	16	12	-	19	16	12	-	19	16	13	-	19	17	13	-	19	16	12	-	18	15	12	-
		kW	2.78	2.84	2.92	-	2.98	3.04	3.12	-	3.15	3.21	3.31	-	3.30	3.36	3.47	-	3.43	3.50	3.60	-	3.54	3.61	3.72	-
		Amps	10.1	10.3	10.7	-	10.9	11.2	11.5	-	11.8	12.1	12.5	-	12.6	12.9	13.3	-	13.4	13.7	14.2	-	14.2	14.5	15.0	-
		Hi PR	208	224	237	-	234	252	266	-	266	286	302	-	303	326	344	-	341	367	387	-	377	405	428	-
		Lo PR	102	109	119	-	108	115	125	-	112	119	130	-	118	125	137	-	124	131	143	-	128	136	148	-
75	1525	MBh	39.86	41.04	44.42	47.68	38.93	40.09	43.39	46.57	38.01	39.13	42.36	45.46	37.08	**38.18**	41.32	44.35	35.23	36.27	39.26	42.13	32.63	33.60	36.36	39.03
		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
		ΔT	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	2.89	2.94	3.03	3.12	3.09	3.15	3.25	3.34	3.27	3.34	3.44	3.54	3.43	**3.50**	3.60	3.72	3.56	3.64	3.75	3.87	3.68	3.75	3.87	3.99
		Amps	10.6	10.8	11.2	11.6	11.4	11.7	12.0	12.5	12.4	12.6	13.1	13.5	13.2	**13.5**	13.9	14.5	14.0	14.3	14.8	15.4	14.8	15.2	15.7	16.3
		Hi PR	219	236	249	260	246	265	280	292	280	301	318	332	319	**343**	362	378	359	386	407	425	396	426	450	470
		Lo PR	107	114	125	133	114	121	132	140	118	126	137	146	124	**132**	144	153	130	138	151	161	134	143	156	166
	1350	MBh	38.7	39.8	43.1	46.3	37.8	38.9	42.1	45.2	36.9	38.0	41.1	44.1	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	0.38	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40
		ΔT	21	20	16	11	21	20	16	11	22	20	16	11	22	**20**	16	11	21	20	16	11	20	18	15	10
		kW	2.87	2.92	3.01	3.10	3.07	3.13	3.22	3.32	3.25	3.31	3.41	3.51	3.40	**3.47**	3.58	3.69	3.53	3.61	3.72	3.84	3.65	3.73	3.84	3.96
		Amps	10.5	10.7	11.1	11.5	11.3	11.6	11.9	12.4	12.2	12.5	12.9	13.4	13.1	**13.4**	13.8	14.3	13.9	14.2	14.7	15.2	14.7	15.0	15.5	16.1
		Hi PR	217	234	247	257	244	262	277	289	277	298	315	328	316	**340**	359	374	355	382	403	421	392	422	446	465
		Lo PR	106	113	124	132	112	120	131	139	117	124	136	145	123	**131**	143	152	129	137	149	159	133	142	155	165
	1175	MBh	35.7	36.8	39.8	42.7	34.9	35.9	38.9	41.7	34.1	35.1	38.0	40.7	33.2	**34.2**	37.0	39.7	31.6	32.5	35.2	37.8	29.2	30.1	32.6	35.0
		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
		ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	**20**	17	12	22	20	16	11	20	19	15	11
		kW	2.81	2.86	2.94	3.03	3.00	3.06	3.15	3.24	3.17	3.24	3.33	3.43	3.32	**3.39**	3.49	3.60	3.45	3.52	3.63	3.74	3.56	3.64	3.75	3.87
		Amps	10.2	10.4	10.8	11.2	11.0	11.3	11.6	12.0	11.9	12.2	12.6	13.1	12.7	**13.0**	13.4	13.9	13.5	13.8	14.3	14.8	14.3	14.6	15.1	15.7
		Hi PR	211	227	239	250	236	254	269	280	269	289	305	319	306	**329**	348	363	344	371	391	408	380	409	432	451
		Lo PR	103	110	120	128	109	116	127	135	113	121	132	140	119	**127**	138	147	125	133	145	154	129	137	150	160

IDB: Entering Indoor Dry Bulb Temperature

High and low pressures are measured at the liquid and suction service valves.

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

Amps = outdoor unit amps (comp.+fan)

Expanded Cooling Data — VSX130421** / CA*F3642*6D* (cont.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	1525	MBh	40.57	41.46	44.29	47.35	39.63	40.49	43.26	46.24	38.68	39.53	42.23	45.14	37.74	38.56	41.20	44.04	35.85	36.64	39.14	41.84	33.21	33.94	36.26	38.76
		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
		ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	20	20	18	14
		kW	2.91	2.97	3.05	3.14	3.11	3.18	3.27	3.37	3.29	3.36	3.46	3.57	3.45	3.53	3.63	3.75	3.59	3.66	3.78	3.90	3.71	3.78	3.90	4.03
		Amps	10.7	10.9	11.3	11.7	11.5	11.8	12.1	12.6	12.5	12.8	13.2	13.7	13.3	13.6	14.1	14.6	14.1	14.5	15.0	15.5	15.0	15.3	15.8	16.4
		Hi PR	221	238	252	263	249	267	282	295	283	304	321	335	322	346	366	382	362	390	412	429	400	431	455	474
		Lo PR	109	116	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168
	1350	MBh	39.4	40.2	43.0	46.0	38.5	39.3	42.0	44.9	37.6	38.4	41.0	43.8	36.6	37.4	**40.0**	42.8	34.8	35.6	38.0	40.6	32.2	32.9	35.2	37.6
		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
		ΔT	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	2.89	2.94	3.03	3.12	3.09	3.15	3.25	3.34	3.27	3.34	3.44	3.54	3.43	3.50	**3.61**	3.72	3.56	3.64	3.75	3.87	3.68	3.76	3.87	4.00
		Amps	10.6	10.8	11.2	11.6	11.4	11.7	12.0	12.5	12.4	12.6	13.1	13.5	13.2	13.5	**13.9**	14.5	14.0	14.3	14.8	15.4	14.8	15.2	15.7	16.3
		Hi PR	219	236	249	260	246	265	280	292	280	301	318	332	319	343	**362**	378	359	386	407	425	396	426	450	470
		Lo PR	107	114	125	133	114	121	132	140	118	126	137	146	124	132	**144**	153	130	138	151	161	134	143	156	166
	1175	MBh	36.4	37.1	39.7	42.4	35.5	36.3	38.8	41.4	34.7	35.4	37.8	40.5	33.8	34.6	36.9	39.5	32.1	32.8	35.1	37.5	29.8	30.4	32.5	34.7
		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
		ΔT	24	23	20	16	25	24	20	16	25	24	20	16	25	24	21	16	24	23	20	16	23	22	19	15
		kW	2.83	2.88	2.96	3.05	3.02	3.08	3.17	3.27	3.20	3.26	3.36	3.46	3.35	3.42	3.52	3.63	3.48	3.55	3.66	3.77	3.59	3.67	3.78	3.90
		Amps	10.3	10.5	10.9	11.3	11.1	11.4	11.7	12.1	12.0	12.3	12.7	13.2	12.8	13.1	13.6	14.1	13.6	14.0	14.4	15.0	14.4	14.8	15.3	15.8
		Hi PR	213	229	242	252	239	257	271	283	271	292	308	322	309	333	351	366	348	374	395	412	384	414	437	455
		Lo PR	104	111	121	129	110	117	128	136	114	122	133	142	120	128	140	149	126	134	146	156	130	139	151	161
85	1525	MBh	41.28	42.08	44.07	47.01	40.32	41.10	43.04	45.92	39.36	40.12	42.02	44.83	38.40	39.14	40.99	43.73	36.48	37.18	38.94	41.55	33.79	34.44	36.07	38.49
		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
		ΔT	24	24	22	19	24	24	23	20	24	24	23	20	23	24	23	20	22	22	23	20	20	21	21	18
		kW	2.93	2.99	3.07	3.17	3.14	3.20	3.29	3.39	3.32	3.39	3.49	3.60	3.48	3.55	3.66	3.78	3.62	3.69	3.81	3.93	3.74	3.81	3.93	4.06
		Amps	10.8	11.0	11.4	11.8	11.6	11.9	12.3	12.7	12.6	12.9	13.3	13.8	13.4	13.7	14.2	14.7	14.3	14.6	15.1	15.7	15.1	15.5	16.0	16.6
		Hi PR	224	241	254	265	251	270	285	298	285	307	324	338	325	350	369	385	366	394	416	434	404	435	459	479
		Lo PR	110	117	127	136	116	123	135	143	120	128	140	149	126	135	147	156	133	141	154	164	137	146	159	170
	1350	MBh	40.1	40.9	42.8	45.6	39.1	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	40.3	32.8	33.4	35.0	37.4
		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
		ΔT	25	25	24	20	26	25	24	21	26	25	24	21	25	25	24	21	24	25	24	20	22	23	22	19
		kW	2.91	2.97	3.05	3.14	3.11	3.18	3.27	3.37	3.29	3.36	3.46	3.57	3.45	3.53	3.63	3.75	3.59	3.66	3.78	3.90	3.71	3.78	3.90	4.03
		Amps	10.7	10.9	11.3	11.7	11.5	11.8	12.1	12.6	12.5	12.8	13.2	13.7	13.3	13.6	14.1	14.6	14.1	14.5	15.0	15.5	15.0	15.3	15.8	16.4
		Hi PR	221	238	252	263	249	267	282	295	283	304	321	335	322	346	366	382	362	390	412	429	400	431	455	474
		Lo PR	109	116	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168
	1175	MBh	37.0	37.7	39.5	42.1	36.1	36.8	38.6	41.2	35.3	36.0	37.7	40.2	34.4	35.1	36.7	39.2	32.7	33.3	34.9	37.2	30.3	30.9	32.3	34.5
		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
		ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	25	21	26	26	24	21	24	24	23	20
		kW	2.85	2.90	2.98	3.07	3.04	3.10	3.20	3.29	3.22	3.28	3.38	3.49	3.37	3.44	3.55	3.66	3.51	3.58	3.69	3.80	3.62	3.69	3.81	3.93
		Amps	10.4	10.6	11.0	11.4	11.2	11.5	11.8	12.3	12.1	12.4	12.8	13.3	12.9	13.3	13.7	14.2	13.8	14.1	14.5	15.1	14.6	14.9	15.4	16.0
		Hi PR	215	231	244	255	241	259	274	286	274	295	312	325	312	336	355	370	351	378	399	416	388	418	441	460
		Lo PR	105	112	122	130	111	118	129	138	116	123	134	143	121	129	141	150	127	135	148	157	132	140	153	163

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps (comp.+fan)

Expanded Cooling Data — VSX130481** / CA*F4860*D*

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	45.1	46.7	51.2	-	44.0	45.6	50.0	-	43.0	44.5	48.8	-	41.9	43.5	47.6	-	39.8	41.3	45.2	-	36.9	38.2	41.9	-
		S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.48	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-
		ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-
		kW	3.15	3.21	3.31	-	3.38	3.45	3.56	-	3.59	3.66	3.78	-	3.77	3.85	3.97	-	3.92	4.00	4.13	-	4.05	4.14	4.27	-
		Amps	11.5	11.8	12.1	-	12.4	12.7	13.1	-	13.5	13.8	14.2	-	14.4	14.7	15.2	-	15.3	15.7	16.2	-	16.2	16.6	17.1	-
		Hi PR	221	238	251	-	248	267	282	-	282	304	321	-	321	346	365	-	361	389	411	-	399	430	454	-
		Lo PR	108	115	126	-	114	122	133	-	119	127	138	-	125	133	145	-	131	139	152	-	135	144	157	-
	1600	MBh	43.8	45.4	49.7	-	42.7	44.3	48.5	-	41.7	43.2	47.4	-	40.7	42.2	46.2	-	38.7	40.1	43.9	-	35.8	37.1	40.7	-
		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	-
		ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		kW	3.13	3.19	3.29	-	3.36	3.43	3.53	-	3.56	3.63	3.75	-	3.74	3.82	3.94	-	3.89	3.97	4.10	-	4.02	4.11	4.24	-
		Amps	11.4	11.7	12.0	-	12.3	12.6	13.0	-	13.3	13.7	14.1	-	14.2	14.6	15.1	-	15.1	15.5	16.0	-	16.0	16.4	17.0	-
		Hi PR	219	235	249	-	246	264	279	-	279	301	317	-	318	342	361	-	358	385	407	-	395	425	449	-
		Lo PR	107	114	125	-	113	121	132	-	118	125	137	-	124	132	144	-	130	138	151	-	134	143	156	-
	1400	MBh	40.4	41.9	45.9	-	39.5	40.9	44.8	-	38.5	39.9	43.7	-	37.6	38.9	42.7	-	35.7	37.0	40.5	-	33.1	34.3	37.5	-
		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	-
		ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	15	11	-
		kW	3.06	3.12	3.21	-	3.28	3.35	3.45	-	3.47	3.55	3.66	-	3.65	3.72	3.84	-	3.80	3.88	4.00	-	3.92	4.01	4.13	-
		Amps	11.1	11.4	11.7	-	12.0	12.3	12.6	-	13.0	13.3	13.7	-	13.9	14.2	14.7	-	14.7	15.1	15.6	-	15.6	16.0	16.5	-
		Hi PR	212	228	241	-	238	256	271	-	271	291	308	-	309	332	351	-	347	374	394	-	383	413	436	-
		Lo PR	104	111	121	-	110	117	128	-	114	122	133	-	120	128	139	-	126	134	146	-	130	138	151	-
75	1800	MBh	45.84	47.20	51.09	54.83	44.77	46.10	49.90	53.55	43.71	45.00	48.71	52.28	42.64	**43.90**	47.52	51.00	40.51	41.71	45.15	48.45	37.52	38.64	41.82	44.88
		S/T	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	**0.85**	0.64	0.41	0.99	0.88	0.67	0.43	1.00	0.89	0.67	0.43
		ΔT	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	3.18	3.24	3.34	3.44	3.41	3.48	3.59	3.70	3.62	3.69	3.81	3.93	3.80	**3.88**	4.00	4.13	3.95	4.04	4.17	4.30	4.09	4.17	4.31	4.45
		Amps	11.6	11.9	12.3	12.7	12.5	12.8	13.2	13.7	13.6	13.9	14.4	14.9	14.5	**14.9**	15.3	15.9	15.4	15.8	16.3	16.9	16.3	16.7	17.3	17.9
		Hi PR	223	240	254	265	251	270	285	297	285	307	324	338	325	**349**	369	385	365	393	415	433	403	434	458	478
		Lo PR	109	116	127	135	116	123	134	143	120	128	140	149	126	**134**	147	156	132	141	154	164	137	146	159	169
	1600	MBh	44.5	45.8	49.6	53.2	43.5	44.8	48.4	52.0	42.4	43.7	47.3	50.8	41.4	**42.6**	46.1	49.5	39.3	40.5	43.8	47.0	36.4	37.5	40.6	43.6
		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
		ΔT	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	3.15	3.21	3.31	3.41	3.38	3.45	3.56	3.67	3.59	3.66	3.78	3.90	3.77	**3.85**	3.97	4.10	3.92	4.01	4.13	4.27	4.05	4.14	4.27	4.41
		Amps	11.5	11.8	12.1	12.6	12.4	12.7	13.1	13.6	13.5	13.8	14.2	14.8	14.4	**14.7**	15.2	15.8	15.3	15.7	16.2	16.8	16.2	16.6	17.1	17.8
		Hi PR	221	238	251	262	248	267	282	294	282	304	321	334	321	**346**	365	381	361	389	411	428	399	430	454	473
		Lo PR	108	115	126	134	114	122	133	142	119	127	138	147	125	**133**	145	155	131	139	152	162	135	144	157	168
	1400	MBh	41.1	42.3	45.8	49.1	40.1	41.3	44.7	48.0	39.2	40.3	43.7	46.8	38.2	**39.3**	42.6	45.7	36.3	37.4	40.5	43.4	33.6	34.6	37.5	40.2
		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
		ΔT	22	20	16	11	22	20	16	11	22	20	16	11	22	**20**	17	11	22	20	16	11	20	19	15	11
		kW	3.08	3.14	3.24	3.33	3.30	3.37	3.47	3.58	3.50	3.58	3.69	3.80	3.68	**3.76**	3.87	4.00	3.83	3.91	4.03	4.16	3.95	4.04	4.17	4.31
		Amps	11.2	11.5	11.8	12.3	12.1	12.4	12.8	13.2	13.1	13.4	13.9	14.4	14.0	**14.3**	14.8	15.3	14.9	15.2	15.7	16.3	15.7	16.1	16.7	17.3
		Hi PR	214	231	244	254	241	259	273	285	274	294	311	324	312	**335**	354	369	351	377	398	416	387	417	440	459
		Lo PR	105	112	122	130	111	118	129	137	115	123	134	143	121	**129**	141	150	127	135	148	157	131	140	153	163

IDB: Entering Indoor Dry Bulb Temperature

High and low pressures are measured at the liquid and suction service valves.

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

Amps = outdoor unit amps (comp.+fan)

Expanded Cooling Data — VSX130481** / CA*F4860*D* (cont.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	1800	MBh	46.66	47.67	50.93	54.45	45.57	46.57	49.75	53.18	44.49	45.46	48.56	51.92	43.40	44.35	47.38	50.65	41.23	42.13	45.01	48.12	38.19	39.03	41.69	44.57
		S/T	0.95	0.89	0.73	0.54	1.00	0.93	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.83	0.62
		ΔT	23	22	19	15	23	22	19	15	23	22	19	15	22	23	19	15	21	22	19	15	20	20	18	14
		kW	3.20	3.26	3.36	3.47	3.44	3.51	3.62	3.73	3.64	3.72	3.84	3.96	3.83	3.91	4.03	4.17	3.98	4.07	4.20	4.34	4.12	4.21	4.35	4.49
		Amps	11.7	12.0	12.4	12.8	12.6	12.9	13.4	13.8	13.7	14.0	14.5	15.0	14.6	15.0	15.5	16.1	15.6	16.0	16.5	17.1	16.5	16.9	17.5	18.1
		Hi PR	226	243	256	267	253	272	288	300	288	310	327	341	328	353	372	389	369	397	419	437	407	438	463	483
		Lo PR	111	118	128	137	117	124	136	144	121	129	141	150	127	136	148	158	134	142	155	165	138	147	161	171
	1600	MBh	45.3	46.3	49.5	52.9	44.2	45.2	48.3	51.6	43.2	44.1	47.2	50.4	42.1	43.1	**46.0**	49.2	40.0	40.9	43.7	46.7	37.1	37.9	40.5	43.3
		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	0.98	0.80	0.59
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	**20**	16	23	23	20	16	21	21	19	15
		kW	3.18	3.24	3.34	3.44	3.41	3.48	3.59	3.70	3.62	3.69	3.81	3.93	3.80	3.88	**4.00**	4.13	3.95	4.04	4.17	4.30	4.09	4.18	4.31	4.45
		Amps	11.6	11.9	12.3	12.7	12.5	12.8	13.2	13.7	13.6	13.9	14.4	14.9	14.5	14.9	**15.4**	15.9	15.4	15.8	16.3	16.9	16.3	16.7	17.3	17.9
		Hi PR	223	240	254	265	251	270	285	297	285	307	324	338	325	349	**369**	385	365	393	415	433	403	434	458	478
		Lo PR	109	116	127	135	116	123	134	143	120	128	140	149	126	134	**147**	156	132	141	154	164	137	146	159	169
	1400	MBh	41.8	42.7	45.6	48.8	40.8	41.7	44.6	47.7	39.9	40.7	43.5	46.5	38.9	39.7	42.5	45.4	36.9	37.8	40.3	43.1	34.2	35.0	37.4	39.9
		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	0.93	0.76	0.57	1.00	0.94	0.77	0.57
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	25	23	20	16	24	23	20	16	23	22	19	15
		kW	3.10	3.17	3.26	3.36	3.33	3.40	3.50	3.61	3.53	3.60	3.72	3.83	3.71	3.79	3.90	4.03	3.86	3.94	4.07	4.20	3.99	4.07	4.20	4.34
		Amps	11.3	11.6	11.9	12.4	12.2	12.5	12.9	13.4	13.2	13.5	14.0	14.5	14.1	14.5	14.9	15.5	15.0	15.4	15.9	16.5	15.9	16.3	16.8	17.5
		Hi PR	217	233	246	257	243	262	276	288	276	297	314	328	315	339	358	373	354	381	402	420	391	421	445	464
		Lo PR	106	113	123	131	112	119	130	139	117	124	135	144	122	130	142	151	128	137	149	159	133	141	154	164
85	1800	MBh	47.47	48.39	50.68	54.07	46.37	47.26	49.50	52.81	45.26	46.14	48.32	51.55	44.16	45.01	47.14	50.29	41.95	42.76	44.79	47.78	38.86	39.61	41.49	44.26
		S/T	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80	1.00	1.00	1.00	0.81
		ΔT	24	24	22	19	24	24	23	20	23	24	23	20	23	23	23	20	21	22	23	20	20	20	21	18
		kW	3.22	3.29	3.39	3.49	3.46	3.53	3.64	3.76	3.67	3.75	3.87	3.99	3.86	3.94	4.07	4.20	4.02	4.10	4.24	4.37	4.15	4.24	4.38	4.53
		Amps	11.8	12.1	12.5	12.9	12.7	13.1	13.5	14.0	13.8	14.2	14.6	15.2	14.8	15.1	15.6	16.2	15.7	16.1	16.6	17.3	16.6	17.0	17.6	18.3
		Hi PR	228	245	259	270	256	275	290	303	291	313	330	345	331	356	376	392	372	401	423	441	412	443	468	488
		Lo PR	112	119	130	138	118	125	137	146	123	130	142	152	129	137	150	159	135	144	157	167	140	148	162	173
	1600	MBh	46.1	47.0	49.2	52.5	45.0	45.9	48.1	51.3	43.9	44.8	46.9	50.1	42.9	43.7	45.8	48.8	40.7	41.5	43.5	46.4	37.7	38.5	40.3	43.0
		S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.95	0.77
		ΔT	25	25	23	20	26	25	24	21	25	25	24	21	25	25	24	21	23	24	24	20	22	22	22	19
		kW	3.20	3.26	3.36	3.47	3.44	3.51	3.62	3.73	3.64	3.72	3.84	3.96	3.83	3.91	4.03	4.17	3.98	4.07	4.20	4.34	4.12	4.21	4.35	4.49
		Amps	11.7	12.0	12.4	12.8	12.6	12.9	13.4	13.8	13.7	14.0	14.5	15.0	14.6	15.0	15.5	16.1	15.6	16.0	16.5	17.1	16.5	16.9	17.5	18.1
		Hi PR	226	243	256	267	253	272	288	300	288	310	327	341	328	353	372	389	369	397	419	437	407	438	463	483
		Lo PR	111	118	128	137	117	124	136	144	121	129	141	150	127	136	148	158	134	142	155	165	138	147	161	171
	1400	MBh	42.5	43.4	45.4	48.5	41.5	42.4	44.4	47.3	40.6	41.3	43.3	46.2	39.6	40.3	42.2	45.1	37.6	38.3	40.1	42.8	34.8	35.5	37.2	39.7
		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	0.74
		ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	25	25	24	21	23	23	22	19
		kW	3.13	3.19	3.29	3.39	3.36	3.42	3.53	3.64	3.56	3.63	3.75	3.87	3.74	3.82	3.94	4.06	3.89	3.97	4.10	4.23	4.02	4.11	4.24	4.38
		Amps	11.4	11.7	12.0	12.5	12.3	12.6	13.0	13.5	13.3	13.7	14.1	14.6	14.2	14.6	15.1	15.6	15.1	15.5	16.0	16.6	16.0	16.4	17.0	17.6
		Hi PR	219	235	249	259	245	264	279	291	279	300	317	331	318	342	361	377	358	385	406	424	395	425	449	468
		Lo PR	107	114	125	133	113	121	132	140	118	125	137	146	124	132	144	153	130	138	151	160	134	143	156	166

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps (comp.+fan)

Expanded Cooling Data — VSX130601C* / CA*F4961*6A*

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	1500	MBh	50.1	51.9	56.8	-	48.9	50.7	55.5	-	47.7	49.5	54.2	-	46.6	48.3	52.9	-	44.2	45.8	50.2	-	41.0	42.5	46.5	-
		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	0.64	0.44	-	0.77	0.64	0.44	-
		ΔT	21	18	13	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-
		kW	3.87	3.95	4.07	-	4.16	4.24	4.38	-	4.41	4.50	4.65	-	4.63	4.73	4.89	-	4.82	4.93	5.09	-	4.99	5.10	5.26	-
		Amps	14.4	14.8	15.3	-	15.6	16.0	16.5	-	17.0	17.4	18.0	-	18.2	18.6	19.2	-	19.3	19.8	20.5	-	20.5	21.0	21.7	-
		Hi PR	229	246	260	-	257	276	292	-	292	314	332	-	333	358	378	-	374	403	425	-	413	445	470	-
		Lo PR	101	108	118	-	107	114	125	-	111	119	129	-	117	125	136	-	123	130	142	-	127	135	147	-
	1750	MBh	54.2	56.2	61.6	-	53.0	54.9	60.1	-	51.7	53.6	58.7	-	50.4	52.3	57.3	-	47.9	49.7	54.4	-	44.4	46.0	50.4	-
		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	0.66	0.46	-
		ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-
		kW	3.96	4.04	4.17	-	4.26	4.35	4.48	-	4.52	4.62	4.76	-	4.75	4.85	5.01	-	4.95	5.05	5.22	-	5.12	5.23	5.40	-
		Amps	14.8	15.2	15.7	-	16.1	16.4	17.0	-	17.5	17.9	18.5	-	18.7	19.1	19.8	-	19.9	20.4	21.1	-	21.1	21.6	22.4	-
		Hi PR	236	254	268	-	265	285	301	-	301	324	342	-	343	369	390	-	386	415	438	-	426	459	484	-
		Lo PR	105	111	122	-	111	118	128	-	115	122	133	-	121	128	140	-	126	135	147	-	131	139	152	-
	2000	MBh	55.9	57.9	63.4	-	54.6	56.5	62.0	-	53.3	55.2	60.5	-	52.0	53.9	59.0	-	49.4	51.2	56.1	-	45.7	47.4	51.9	-
		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	-	0.83	0.70	0.48	-
		ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	13	-	19	16	12	-	18	15	12	-
		kW	3.99	4.07	4.20	-	4.29	4.38	4.52	-	4.56	4.65	4.80	-	4.79	4.89	5.05	-	4.99	5.10	5.26	-	5.16	5.27	5.44	-
		Amps	15.0	15.3	15.8	-	16.2	16.6	17.2	-	17.6	18.1	18.7	-	18.9	19.3	20.0	-	20.1	20.6	21.3	-	21.3	21.8	22.6	-
		Hi PR	238	256	271	-	267	288	304	-	304	327	346	-	346	373	394	-	390	419	443	-	430	463	489	-
		Lo PR	106	112	123	-	112	119	130	-	116	123	135	-	122	130	142	-	128	136	148	-	132	141	153	-
75	1500	MBh	50.9	52.4	56.7	60.9	49.7	51.2	55.4	59.5	48.5	50.0	54.1	58.1	47.3	**48.8**	52.8	56.6	45.0	46.3	50.1	53.8	41.7	42.9	46.4	49.8
		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	**0.75**	0.56	0.36	0.87	0.77	0.59	0.38	0.87	0.78	0.59	0.38
		ΔT	24	22	18	12	24	22	18	13	24	22	18	13	24	**22**	18	13	24	22	18	12	22	21	17	12
		kW	3.90	3.98	4.10	4.23	4.19	4.28	4.41	4.55	4.45	4.54	4.68	4.84	4.67	**4.77**	4.93	5.09	4.86	4.97	5.13	5.30	5.03	5.14	5.31	5.48
		Amps	14.6	14.9	15.4	16.0	15.8	16.1	16.7	17.3	17.1	17.6	18.1	18.8	18.3	**18.8**	19.4	20.2	19.5	20.0	20.7	21.5	20.7	21.2	21.9	22.8
		Hi PR	231	249	263	274	259	279	295	307	295	317	335	350	336	**362**	382	398	378	407	430	448	418	449	475	495
		Lo PR	103	109	119	127	108	115	126	134	113	120	131	139	118	**126**	137	146	124	132	144	153	128	136	149	159
	1750	MBh	55.1	56.8	61.5	66.0	53.9	55.5	60.0	64.4	52.6	54.1	58.6	62.9	51.3	**52.8**	57.2	61.4	48.7	50.2	54.3	58.3	45.1	46.5	50.3	54.0
		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	0.86	**0.77**	0.59	0.38	0.90	0.80	0.61	0.39	0.91	0.81	0.61	0.39
		ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	**21**	18	12	23	21	17	12	21	20	16	11
		kW	3.99	4.07	4.20	4.33	4.29	4.38	4.52	4.66	4.56	4.65	4.80	4.96	4.79	**4.89**	5.05	5.22	4.99	5.10	5.26	5.44	5.16	5.27	5.44	5.63
		Amps	15.0	15.3	15.8	16.4	16.2	16.6	17.2	17.8	17.6	18.1	18.7	19.4	18.9	**19.3**	20.0	20.8	20.1	20.6	21.3	22.1	21.3	21.8	22.6	23.5
		Hi PR	238	256	271	282	267	288	304	317	304	327	346	360	346	**373**	394	411	390	419	443	462	431	463	489	510
		Lo PR	106	112	123	131	112	119	130	138	116	123	135	144	122	**130**	142	151	128	136	148	158	132	141	153	163
	2000	MBh	56.8	58.5	63.3	67.9	55.5	57.1	61.8	66.4	54.2	55.8	60.4	64.8	52.8	**54.4**	58.9	63.2	50.2	51.7	55.9	60.0	46.5	47.9	51.8	55.6
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.59	0.38	0.91	**0.81**	0.61	0.39	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
		ΔT	22	20	16	11	22	20	16	11	22	20	16	11	22	**20**	17	11	22	20	16	11	20	19	15	11
		kW	4.02	4.11	4.23	4.37	4.33	4.42	4.56	4.70	4.59	4.69	4.84	5.00	4.83	**4.93**	5.09	5.26	5.03	5.14	5.31	5.48	5.20	5.32	5.49	5.67
		Amps	15.1	15.5	16.0	16.6	16.4	16.8	17.3	18.0	17.8	18.2	18.8	19.6	19.0	**19.5**	20.2	20.9	20.3	20.8	21.5	22.3	21.5	22.0	22.8	23.7
		Hi PR	241	259	274	285	270	291	307	320	307	331	349	364	350	**376**	398	415	394	424	447	466	435	468	494	515
		Lo PR	107	114	124	132	113	120	131	139	117	125	136	145	123	**131**	143	152	129	137	150	160	133	142	155	165

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps (comp.+fan)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	1500	MBh	51.8	52.9	56.6	60.5	50.6	51.7	55.2	59.1	49.4	50.5	53.9	57.6	48.2	49.2	52.6	56.2	45.8	46.8	50.0	53.4	42.4	43.3	46.3	49.5
		S/T	0.83	0.78	0.64	0.48	0.86	0.81	0.66	0.49	0.89	0.83	0.68	0.51	0.91	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.96	0.90	0.73	0.55
		ΔT	26	25	22	18	27	26	22	18	27	26	22	18	27	26	23	18	27	26	22	18	25	24	21	17
		kW	3.93	4.01	4.13	4.26	4.22	4.31	4.45	4.59	4.48	4.58	4.72	4.88	4.71	4.81	4.97	5.13	4.90	5.01	5.17	5.34	5.07	5.18	5.35	5.53
		Amps	14.7	15.1	15.6	16.1	15.9	16.3	16.8	17.5	17.3	17.7	18.3	19.0	18.5	19.0	19.6	20.4	19.7	20.2	20.9	21.7	20.9	21.4	22.2	23.0
		Hi PR	234	251	265	277	262	282	298	311	298	321	339	353	339	365	386	402	382	411	434	453	422	454	479	500
		Lo PR	104	110	120	128	109	116	127	135	114	121	132	141	119	127	139	148	125	133	145	155	129	138	150	160
	1750	MBh	56.1	57.4	61.3	65.5	54.8	56.0	59.9	64.0	53.5	54.7	58.4	62.5	52.2	53.4	**57.0**	60.9	49.6	50.7	54.2	57.9	45.9	46.9	50.2	53.6
		S/T	0.86	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	**0.72**	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.57
		ΔT	25	24	21	17	26	25	22	17	26	25	22	17	26	25	**22**	17	26	25	21	17	24	23	20	16
		kW	4.02	4.11	4.23	4.37	4.33	4.42	4.56	4.70	4.59	4.69	4.84	5.00	4.83	4.93	**5.09**	5.26	5.03	5.14	5.31	5.48	5.20	5.32	5.49	5.67
		Amps	15.1	15.5	16.0	16.6	16.4	16.8	17.3	18.0	17.8	18.2	18.8	19.6	19.0	19.5	**20.2**	20.9	20.3	20.8	21.5	22.3	21.5	22.0	22.8	23.7
		Hi PR	241	259	274	285	270	291	307	320	307	331	349	364	350	377	**398**	415	394	424	447	467	435	468	494	515
		Lo PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	**143**	152	129	137	150	160	133	142	155	165
	2000	MBh	57.8	59.1	63.1	67.5	56.5	57.7	61.6	65.9	55.1	56.3	60.2	64.3	53.8	55.0	58.7	62.8	51.1	52.2	55.8	59.6	47.3	48.4	51.7	55.2
		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	0.79	0.59
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	25	24	20	16	23	23	20	16	22	22	19	15
		kW	4.05	4.14	4.27	4.40	4.36	4.45	4.59	4.74	4.63	4.73	4.88	5.04	4.87	4.97	5.13	5.30	5.07	5.18	5.35	5.53	5.24	5.36	5.54	5.72
		Amps	15.2	15.6	16.1	16.7	16.5	16.9	17.5	18.1	18.0	18.4	19.0	19.8	19.2	19.7	20.4	21.1	20.5	21.0	21.7	22.5	21.7	22.3	23.0	23.9
		Hi PR	243	262	276	288	273	294	310	323	310	334	353	368	353	380	402	419	398	428	452	471	439	473	499	521
		Lo PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	139	151	161	135	143	157	167
85	1500	MBh	52.7	53.7	56.3	60.0	51.5	52.5	55.0	58.6	50.3	51.2	53.7	57.2	49.0	50.0	52.3	55.8	46.6	47.5	49.7	53.1	43.1	44.0	46.1	49.1
		S/T	0.87	0.84	0.76	0.62	0.91	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.93	0.83	0.68	1.00	0.96	0.87	0.70	1.00	0.97	0.87	0.71
		ΔT	28	28	26	23	29	28	27	23	29	28	27	23	29	28	27	23	28	28	26	23	26	26	25	21
		kW	3.96	4.04	4.17	4.30	4.26	4.35	4.48	4.62	4.52	4.61	4.76	4.92	4.75	4.85	5.01	5.17	4.94	5.05	5.22	5.39	5.11	5.23	5.40	5.58
		Amps	14.8	15.2	15.7	16.3	16.0	16.4	17.0	17.6	17.5	17.9	18.5	19.2	18.7	19.1	19.8	20.5	19.9	20.4	21.1	21.9	21.1	21.6	22.4	23.2
		Hi PR	236	254	268	280	265	285	301	314	301	324	342	357	343	369	390	406	386	415	438	457	426	459	484	505
		Lo PR	105	111	121	129	110	118	128	137	115	122	133	142	121	128	140	149	126	134	147	156	131	139	152	162
	1750	MBh	57.1	58.2	61.0	65.0	55.8	56.9	59.6	63.5	54.5	55.5	58.1	62.0	53.1	54.2	56.7	60.5	50.5	51.4	53.9	57.5	46.7	47.7	49.9	53.2
		S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
		ΔT	27	27	25	22	28	27	26	22	28	27	26	22	28	27	26	22	27	27	25	22	25	25	24	21
		kW	4.05	4.14	4.27	4.40	4.36	4.45	4.59	4.74	4.63	4.73	4.88	5.04	4.87	4.97	5.13	5.30	5.07	5.18	5.35	5.53	5.24	5.36	5.54	5.72
		Amps	15.2	15.6	16.1	16.7	16.5	16.9	17.5	18.1	18.0	18.4	19.0	19.8	19.2	19.7	20.4	21.1	20.5	21.0	21.7	22.5	21.7	22.3	23.0	23.9
		Hi PR	243	262	276	288	273	294	310	323	310	334	353	368	353	380	402	419	398	428	452	471	439	473	499	521
		Lo PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	139	151	161	135	143	157	167
	2000	MBh	58.8	60.0	62.8	67.0	57.5	58.6	61.3	65.4	56.1	57.2	59.9	63.9	54.7	55.8	58.4	62.3	52.0	53.0	55.5	59.2	48.2	49.1	51.4	54.8
		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	0.94	0.76	1.00	1.00	0.95	0.77
		ΔT	26	25	24	21	26	26	24	21	26	26	24	21	25	26	24	21	24	24	24	21	22	23	22	19
		kW	4.09	4.17	4.30	4.44	4.39	4.49	4.63	4.78	4.67	4.77	4.92	5.08	4.91	5.01	5.18	5.35	5.11	5.22	5.39	5.57	5.29	5.40	5.58	5.77
		Amps	15.4	15.8	16.3	16.9	16.7	17.1	17.6	18.3	18.1	18.6	19.2	19.9	19.4	19.9	20.6	21.3	20.7	21.2	21.9	22.7	21.9	22.5	23.2	24.1
		Hi PR	246	264	279	291	276	297	313	327	313	337	356	371	357	384	406	423	402	432	456	476	444	477	504	526
		Lo PR	109	116	126	135	115	122	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145	158	168

IDB: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps (comp.+fan)

Expanded Cooling Data — VSX130611*/CA*F4961*6D*+EEP

			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	1500	MBh	53.8	55.7	61.0	-	52.5	54.4	59.6	-	51.3	53.1	58.2	-	50.0	51.8	56.8	-	47.5	49.2	53.9	-	44.0	45.6	50.0	-
		S/T	0.66	0.55	0.38	-	0.68	0.57	0.39	-	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.75	0.63	0.44	-
		ΔT	22	19	14	-	22	19	14	-	22	19	14	-	22	19	14	-	22	19	14	-	20	18	13	-
		kW	3.97	4.05	4.18	-	4.27	4.37	4.51	-	4.54	4.64	4.80	-	4.78	4.89	5.05	-	4.99	5.10	5.27	-	5.16	5.28	5.45	-
		Amps	15.4	15.8	16.3	-	16.7	17.1	17.6	-	18.1	18.6	19.2	-	19.4	19.9	20.6	-	20.7	21.2	21.9	-	22.0	22.5	23.3	-
		HI PR	228	245	259	-	256	275	291	-	291	313	331	-	331	357	377	-	373	401	424	-	412	443	468	-
		LO PR	98	104	114	-	103	110	120	-	107	114	125	-	113	120	131	-	118	126	137	-	122	130	142	-
	1750	MBh	55.4	57.4	62.9	-	54.1	56.1	61.4	-	52.8	54.7	59.9	-	51.5	53.4	58.5	-	48.9	50.7	55.6	-	45.3	47.0	51.5	-
		S/T	0.69	0.57	0.40	-	0.71	0.60	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	-
		ΔT	20	17	13	-	20	18	13	-	20	18	13	-	20	18	13	-	20	17	13	-	19	16	12	-
		kW	4.00	4.09	4.21	-	4.31	4.40	4.54	-	4.58	4.68	4.84	-	4.82	4.93	5.09	-	5.03	5.14	5.31	-	5.20	5.32	5.50	-
		Amps	15.5	15.9	16.4	-	16.8	17.2	17.8	-	18.3	18.8	19.4	-	19.6	20.1	20.8	-	20.9	21.4	22.2	-	22.2	22.7	23.5	-
		HI PR	230	248	262	-	258	278	294	-	294	316	334	-	335	360	380	-	377	405	428	-	416	448	473	-
		LO PR	99	105	115	-	104	111	121	-	108	115	126	-	114	121	132	-	119	127	139	-	124	131	143	-
	2000	MBh	55.6	57.7	63.2	-	54.3	56.3	61.7	-	53.0	55.0	60.2	-	51.8	53.6	58.8	-	49.2	51.0	55.8	-	45.5	47.2	51.7	-
		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	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-
		ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		kW	4.03	4.12	4.25	-	4.34	4.44	4.58	-	4.62	4.72	4.88	-	4.86	4.97	5.13	-	5.07	5.18	5.36	-	5.25	5.37	5.55	-
		Amps	15.7	16.0	16.6	-	17.0	17.4	18.0	-	18.5	18.9	19.6	-	19.8	20.3	21.0	-	21.1	21.6	22.4	-	22.4	22.9	23.7	-
		HI PR	233	250	264	-	261	281	297	-	297	319	337	-	338	364	384	-	380	409	432	-	420	452	477	-
		LO PR	100	106	116	-	105	112	122	-	110	117	127	-	115	122	134	-	121	128	140	-	125	133	145	-
75	1500	MBh	54.7	56.3	60.9	65.4	53.4	55.0	59.5	63.9	52.1	53.7	58.1	62.3	50.9	**52.4**	56.7	60.8	48.3	49.7	53.8	57.8	44.7	46.1	49.9	53.5
		S/T	0.75	0.67	0.50	0.32	0.77	0.69	0.52	0.34	0.79	0.71	0.54	0.35	0.82	**0.73**	0.55	0.36	0.85	0.76	0.57	0.37	0.86	0.77	0.58	0.37
		ΔT	25	23	19	13	25	23	19	13	25	23	19	13	26	**23**	19	13	25	23	19	13	23	22	18	12
		kW	4.00	4.09	4.22	4.35	4.31	4.40	4.55	4.69	4.58	4.68	4.84	5.00	4.82	**4.93**	5.09	5.26	5.03	5.14	5.31	5.49	5.20	5.32	5.50	5.69
		Amps	15.5	15.9	16.4	17.1	16.8	17.2	17.8	18.5	18.3	18.8	19.4	20.2	19.6	**20.1**	20.8	21.6	20.9	21.4	22.2	23.0	22.2	22.7	23.5	24.4
		HI PR	230	248	262	273	258	278	294	306	294	316	334	348	335	**360**	380	397	377	405	428	446	416	448	473	493
		LO PR	99	105	115	122	104	111	121	129	108	115	126	134	114	**121**	132	141	119	127	139	148	124	131	143	153
	1750	MBh	56.3	58.0	62.7	67.3	55.0	56.6	61.3	65.8	53.7	55.3	59.8	64.2	52.4	**53.9**	58.4	62.6	49.8	51.2	55.5	59.5	46.1	47.5	51.4	55.1
		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	0.80	0.60	0.39	0.90	0.80	0.61	0.39
		ΔT	23	21	17	12	23	22	18	12	23	22	18	12	24	**22**	18	12	23	21	18	12	22	20	16	11
		kW	4.03	4.12	4.25	4.39	4.34	4.44	4.58	4.73	4.62	4.72	4.88	5.04	4.86	**4.97**	5.14	5.31	5.07	5.18	5.36	5.54	5.25	5.37	5.55	5.74
		Amps	15.7	16.1	16.6	17.2	17.0	17.4	18.0	18.7	18.5	18.9	19.6	20.3	19.8	**20.3**	21.0	21.8	21.1	21.6	22.4	23.2	22.4	22.9	23.7	24.7
		HI PR	233	250	264	276	261	281	297	309	297	320	337	352	338	**364**	384	401	380	409	432	451	420	452	478	498
		LO PR	100	106	116	123	105	112	122	130	110	117	127	136	115	**122**	134	142	121	128	140	149	125	133	145	154
	2000	MBh	56.6	58.3	63.1	67.7	55.3	56.9	61.6	66.1	53.9	55.5	60.1	64.5	52.6	**54.2**	58.7	63.0	50.0	51.5	55.7	59.8	46.3	47.7	51.6	55.4
		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
		ΔT	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	4.06	4.15	4.28	4.42	4.38	4.48	4.62	4.77	4.66	4.76	4.92	5.08	4.90	**5.01**	5.18	5.35	5.11	5.23	5.40	5.59	5.29	5.41	5.59	5.78
		Amps	15.8	16.2	16.7	17.4	17.1	17.6	18.1	18.8	18.7	19.1	19.8	20.5	20.0	**20.5**	21.2	22.0	21.3	21.8	22.6	23.5	22.6	23.2	24.0	24.9
		HI PR	235	253	267	278	264	284	300	312	300	323	341	355	341	**367**	388	405	384	413	437	455	424	457	482	503
		LO PR	101	107	117	125	106	113	124	132	111	118	129	137	116	**124**	135	144	122	130	141	151	126	134	146	156

IDB: Entering Indoor Dry Bulb Temperature

High and low pressures are measured at the liquid and suction service valves.

Shaded area reflects ACCA (TVA) conditions

Amps = outdoor unit amps (comp.+fan)

kW = Total system power

			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	1500	MBh	55.6	56.9	60.7	64.9	54.3	55.5	59.3	63.4	53.0	54.2	57.9	61.9	51.8	52.9	**56.5**	60.4	49.2	50.2	53.7	57.4	45.5	46.5	49.7	53.2
		S/T	0.82	0.77	0.62	0.47	0.85	0.80	0.65	0.48	0.87	0.82	0.66	0.50	0.90	0.84	**0.69**	0.51	0.93	0.87	0.71	0.53	0.94	0.88	0.72	0.54
		ΔT	28	27	23	19	28	27	24	19	28	27	24	19	28	27	**24**	19	28	27	23	19	26	25	22	17
		kW	4.03	4.12	4.25	4.39	4.35	4.44	4.58	4.73	4.62	4.72	4.88	5.04	4.86	4.97	**5.14**	5.31	5.07	5.18	5.36	5.54	5.25	5.37	5.55	5.74
		Amps	15.7	16.1	16.6	17.2	17.0	17.4	18.0	18.7	18.5	18.9	19.6	20.3	19.8	20.3	**21.0**	21.8	21.1	21.6	22.4	23.2	22.4	22.9	23.7	24.7
		HI PR	233	250	264	276	261	281	297	309	297	320	337	352	338	364	**384**	401	380	409	432	451	420	452	478	498
		LO PR	100	106	116	123	105	112	122	130	110	117	127	136	115	122	**134**	142	121	128	140	149	125	133	145	154
	1750	MBh	57.3	58.6	62.6	66.9	56.0	57.2	61.1	65.3	54.6	55.8	59.6	63.8	53.3	54.5	58.2	62.2	50.6	51.7	55.3	59.1	46.9	47.9	51.2	54.7
		S/T	0.86	0.80	0.65	0.49	0.89	0.83	0.68	0.51	0.91	0.85	0.70	0.52	0.94	0.88	0.72	0.54	1.00	0.92	0.75	0.56	1.00	0.92	0.75	0.56
		ΔT	26	25	22	17	26	25	22	17	26	25	22	17	26	25	22	18	27	25	22	17	25	23	20	16
		kW	4.07	4.15	4.28	4.42	4.38	4.48	4.62	4.77	4.66	4.76	4.92	5.08	4.90	5.01	5.18	5.35	5.11	5.23	5.40	5.59	5.29	5.41	5.59	5.79
		Amps	15.8	16.2	16.7	17.4	17.1	17.6	18.2	18.9	18.7	19.1	19.8	20.5	20.0	20.5	21.2	22.0	21.3	21.8	22.6	23.5	22.6	23.2	24.0	24.9
		HI PR	235	253	267	279	264	284	300	313	300	323	341	355	342	368	388	405	384	414	437	455	425	457	482	503
		LO PR	101	107	117	125	107	113	124	132	111	118	129	137	116	124	135	144	122	130	142	151	126	134	146	156
	2000	MBh	57.6	58.8	62.9	67.2	56.2	57.5	61.4	65.6	54.9	56.1	59.9	64.1	53.6	54.7	58.5	62.5	50.9	52.0	55.6	59.4	47.1	48.2	51.5	55.0
		S/T	0.87	0.82	0.66	0.50	0.90	0.85	0.69	0.51	0.92	0.87	0.71	0.53	0.95	0.89	0.73	0.54	1.00	0.93	0.76	0.56	1.00	0.94	0.76	0.57
		ΔT	23	22	19	15	23	22	19	16	23	22	19	16	23	23	20	16	23	22	19	15	22	21	18	14
		kW	4.10	4.19	4.32	4.46	4.42	4.51	4.66	4.81	4.70	4.80	4.96	5.12	4.94	5.06	5.22	5.40	5.16	5.27	5.45	5.63	5.34	5.46	5.64	5.84
		Amps	16.0	16.4	16.9	17.6	17.3	17.7	18.3	19.0	18.8	19.3	20.0	20.7	20.2	20.7	21.4	22.2	21.5	22.0	22.8	23.7	22.8	23.4	24.2	25.1
		HI PR	237	255	270	281	266	287	303	316	303	326	344	359	345	371	392	409	388	418	441	460	429	461	487	508
		LO PR	102	108	118	126	108	114	125	133	112	119	130	138	117	125	136	145	123	131	143	152	127	135	148	157
85	1500	MBh	56.6	57.7	60.4	64.5	55.3	56.4	59.0	63.0	54.0	55.0	57.6	61.5	52.7	53.7	56.2	60.0	50.0	51.0	53.4	57.0	46.3	47.2	49.5	52.8
		S/T	0.86	0.83	0.75	0.61	0.89	0.86	0.77	0.63	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.66	0.98	0.94	0.85	0.69	0.98	0.95	0.86	0.70
		ΔT	30	29	28	24	30	30	28	24	30	30	28	24	30	30	28	24	30	29	28	24	28	28	26	23
		kW	4.07	4.15	4.28	4.42	4.38	4.48	4.62	4.77	4.66	4.76	4.92	5.08	4.90	5.01	5.18	5.35	5.11	5.23	5.40	5.59	5.29	5.41	5.59	5.79
		Amps	15.8	16.2	16.7	17.4	17.1	17.6	18.2	18.9	18.7	19.1	19.8	20.5	20.0	20.5	21.2	22.0	21.3	21.8	22.6	23.5	22.6	23.2	24.0	24.9
		HI PR	235	253	267	279	264	284	300	313	300	323	341	355	342	368	388	405	384	414	437	455	425	457	482	503
		LO PR	101	107	117	125	107	113	124	132	111	118	129	137	116	124	135	144	122	130	142	151	126	134	146	156
	1750	MBh	58.3	59.4	62.2	66.4	56.9	58.1	60.8	64.9	55.6	56.7	59.4	63.3	54.2	55.3	57.9	61.8	51.5	52.5	55.0	58.7	47.7	48.7	51.0	54.4
		S/T	0.90	0.87	0.78	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.90	0.73
		ΔT	28	27	26	22	28	27	26	22	28	27	26	22	28	28	26	23	27	27	26	22	25	25	24	21
		kW	4.10	4.19	4.32	4.46	4.42	4.51	4.66	4.81	4.70	4.80	4.96	5.12	4.95	5.06	5.22	5.40	5.16	5.27	5.45	5.63	5.34	5.46	5.64	5.84
		Amps	16.0	16.4	16.9	17.6	17.3	17.7	18.3	19.0	18.8	19.3	20.0	20.7	20.2	20.7	21.4	22.2	21.5	22.0	22.8	23.7	22.8	23.4	24.2	25.1
		HI PR	237	255	270	281	266	287	303	316	303	326	344	359	345	371	392	409	388	418	441	460	429	461	487	508
		LO PR	102	108	118	126	108	114	125	133	112	119	130	138	117	125	136	145	123	131	143	152	127	135	148	157
	2000	MBh	58.6	59.7	62.5	66.7	57.2	58.3	61.1	65.2	55.9	56.9	59.6	63.6	54.5	55.6	58.2	62.1	51.8	52.8	55.3	59.0	48.0	48.9	51.2	54.6
		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
		ΔT	25	24	23	20	25	24	23	20	25	24	23	20	25	25	23	20	24	24	23	20	22	22	21	19
		kW	4.13	4.22	4.35	4.50	4.45	4.55	4.70	4.85	4.74	4.84	5.00	5.17	4.99	5.10	5.27	5.45	5.20	5.32	5.49	5.68	5.38	5.50	5.69	5.89
		Amps	16.1	16.5	17.1	17.7	17.5	17.9	18.5	19.2	19.0	19.5	20.1	20.9	20.4	20.9	21.6	22.4	21.7	22.2	23.0	23.9	23.0	23.6	24.4	25.4
		HI PR	240	258	272	284	269	289	306	319	306	329	348	363	348	375	396	413	392	422	445	465	433	466	492	513
		LO PR	103	109	119	127	109	116	126	134	113	120	131	140	119	126	138	147	124	132	144	154	129	137	149	159

IDB: Entering Indoor Dry Bulb Temperature

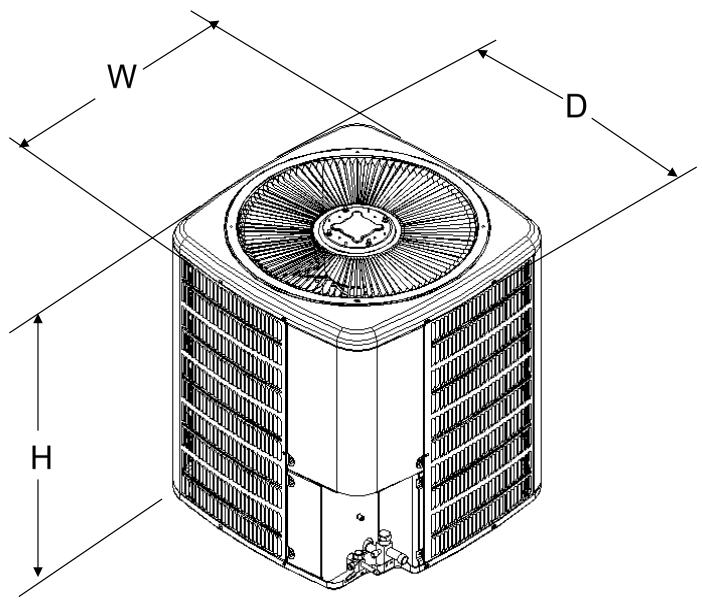
Shaded area reflects AHRI conditions

Amps = outdoor unit amps (comp.+fan)

High and low pressures are measured at the liquid and suction service valves.

kW = Total system power

ECN	REV	ZONE	DESCRIPTION	CHK	DR	DATE
XXXXXXX	A	XXXXX	INITIAL RELEASE	–		



MODEL	DIMENSIONS		
	W"	D"	H"
VSX130181F*	23	23	25¾
VSX130241F*	23	23	25¾
VSX130301M*	26	26	32½
VSX130361F*	26	26	27½
VSX130421B*	29	29	36¼
VSX130481B*	29	29	36¼
VSX130601C*	29	29	40
VSX130611B*	35½	35½	38¼

SPECIAL CHARACTERISTICS:

6S = 6SIGMA CC = CRITICAL CHARACTERISTIC SC = SIGNIFICANT CHARACTERISTIC

COMPONENTS AND MATERIALS SPECIFIED HEREIN WILL ALSO CONFORM TO THE APPLICABLE SECTION OF GOODMAN MSP 824.01 WORKMANSHIP STANDARD FOR FIT, FEEL AND FINISH.

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Goodman Manufacturing Company, L.P.

DRAWING TO BE INTERPRETED IN ACCORDANCE WITH ASME Y14.100

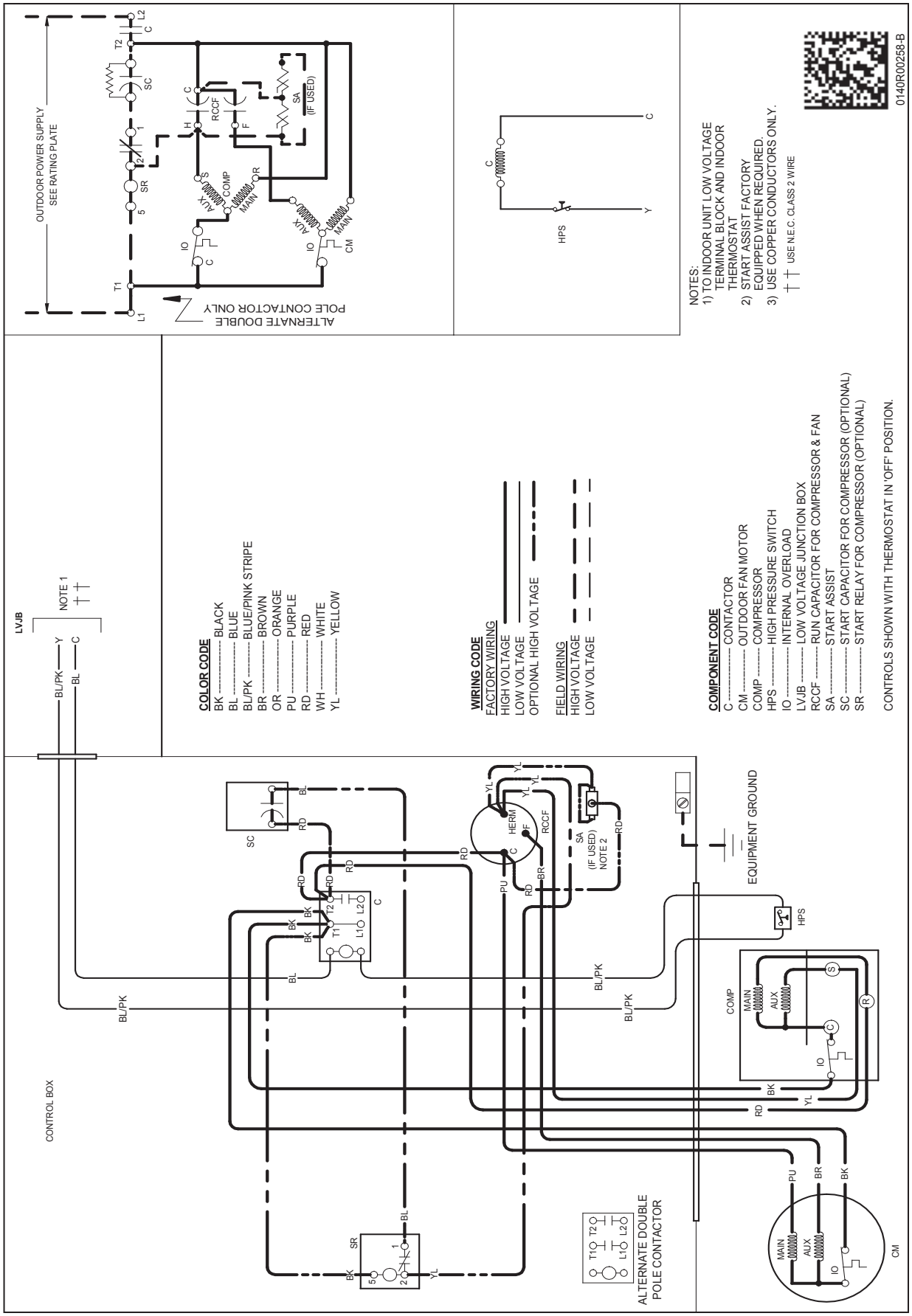
DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

TOLERANCES
ANGLES ± 1.5°
X : ± .1
XX : ± .03
XXX : ± .015
HOLE Ø : ± .005
TUBE CUT LG ± .063

VSX13

DWN BY: GL | ENG: | DO NOT SCALE DRAWING
CHK BY: | DATE: | SHT 1 OF 1

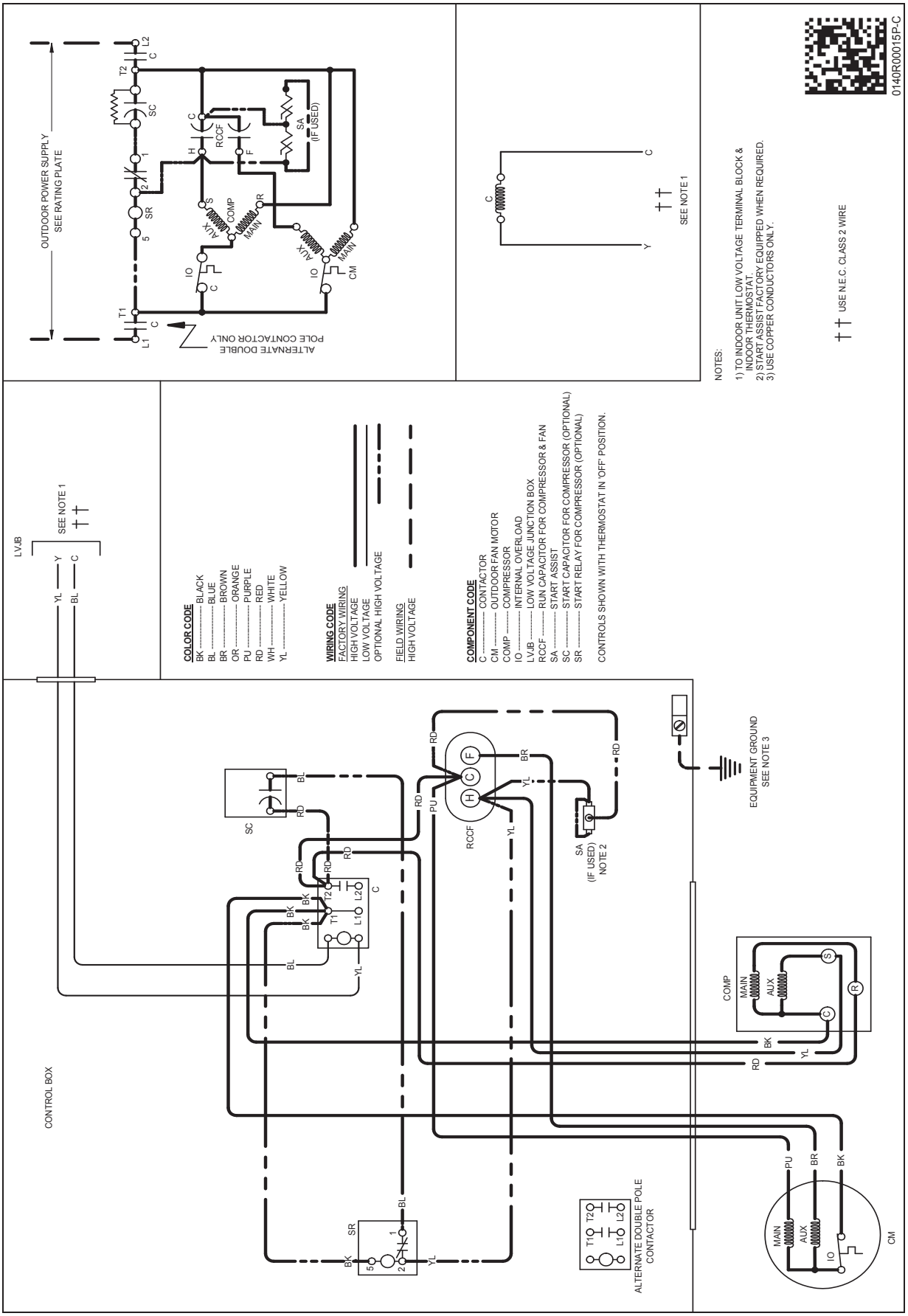
REV A



WARNING

High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.



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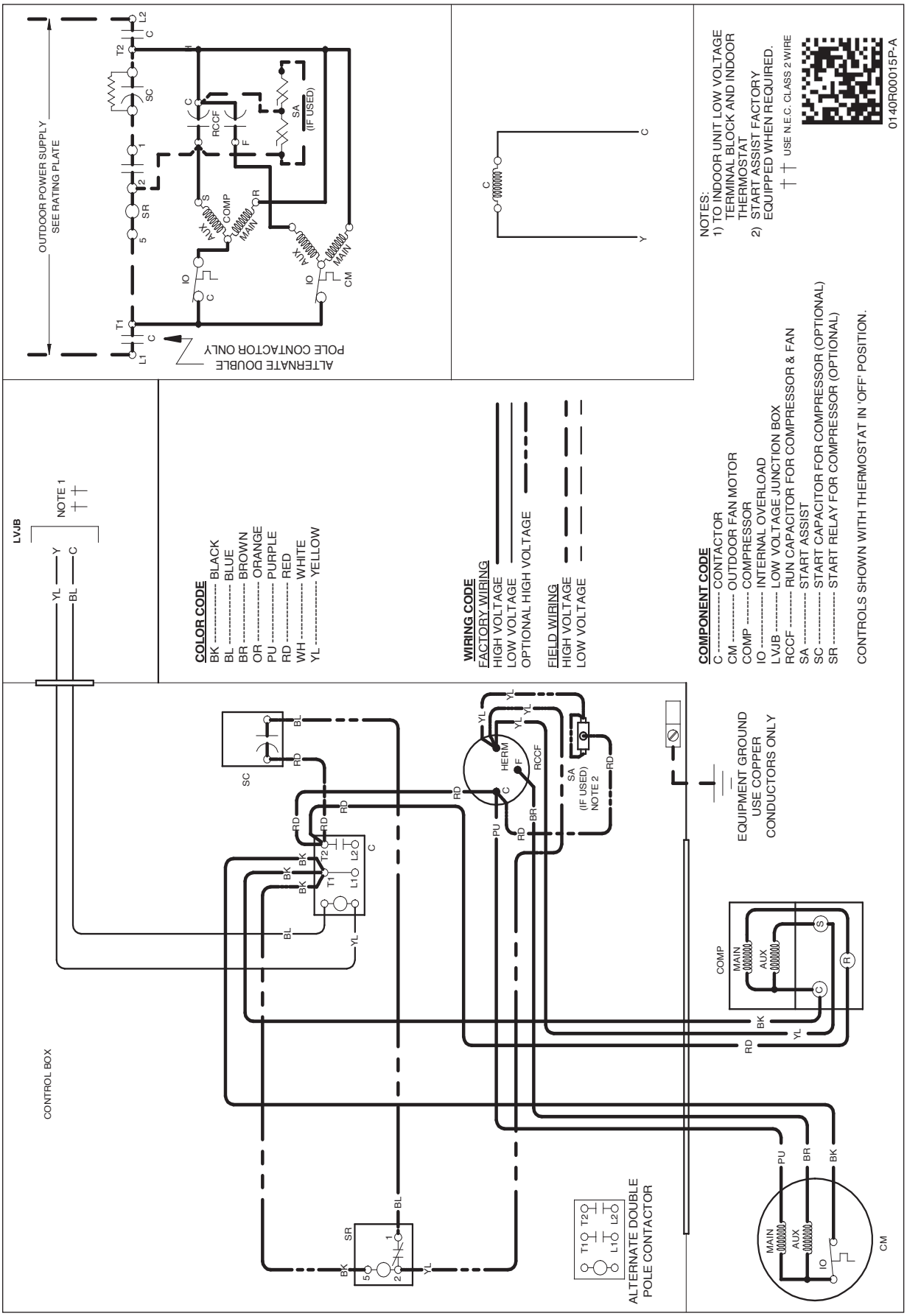

WARNING

High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

Wiring is subject to change. Always refer to the wiring diagram or the unit for the most up-to-date wiring.

Model #	Description	VSX13 018F*	VSX13 024F*	VSX13 030C*/M*	VSX13 036F*	VSX13 042**	VSX13 048**	VSX13 060**	VSX13 061**
ABK-20	Anchor Bracket Kit ^		X	X	X	X	X	X	X
ABK-21	Anchor Bracket Kit ^	X							
ASC-01	Anti-Short Cycle Kit	X	X	X	X	X	X	X	X
CSR-U-1	Hard-start Kit	X	X	X	X				
CSR-U-2	Hard-start Kit					X	X	X	X
CSR-U-3	Hard-start Kit						X	X	X
FSK01A[1]	Freeze Protection Kit	X	X	X	X	X	X	X	X
LSK02A[2]	Liquid Line Solenoid Kit	X	X	X	X	X	X	X	X
0130R00000S	Low-Pressure Switch Kit	X	X	X	X	X	X	X	X
LAKT01A	Low-Ambient Kit	X	X	X	X	X	X	X	X
TX2N4A[2]	TXV Kit	X	X						
TX3N4[2]	TXV Kit			X	X				
TX5N4[2]	TXV Kit					X	X	X	X

^ Contains 20 brackets; four brackets needed to anchor unit to pad

[1] Installed on indoor coil

[2] Field-installed, non-bleed, expansion valve kit — Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device or liquid line solenoid kit. The TXV should always be sized based on the tonnage of the outdoor unit.

All AHRI system ratings are accessible in the System Configurator tool via PartnerLink.

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