

XH10601A

Remote Heat Pump Unit Specification Sheet

Specifications	
Cooling Capacity, BTUH (Nominal)	60,000
Compressor	
R.L. Amps	28.8
L.R. Amps	148.0
Condenser Fan Motor	
Horsepower	1/4
R.L. Amps	1.7
L.R. Amps	3.3
Liquid Line, Inches O.D.	3/8
Suction Line, Inches O.D.	1 1/8
Refrigerant Charge (oz.)	167
Design Subcooling Cooling Mode (°F)	11.0
Power Supply (volts)	208/230-60-1
Min. Circuit Ampacity	37.7
Max. Overcurrent Device (amps)	60
Electric Conduit Size (in.)	
Power Supply	1/2 or 3/4
Low Voltage	1/2
Approximate Shipping Weight (lbs.)	180

Standard Features

- Bi-Flow Liquid Line Filter-Drier (Shipped Loose)
- Front Seating Valves
- Crankcase Heater
- Time/Temp Defrost
- Low RPM (825) Condenser Fan
- 5 Minute Anti-Short Cycle Protection
- Hard Start Kit Factory Installed
- Accumulator

Accessories

- Pressure Control Kit (PCK03A)
 - Automatic Reset High Pressure Switch
 - Automatic Reset Low Pressure Switch
 - Time Delay
- Fossil Fuel Kit (FFK03A)
- Compressor Sound Blanket (CSB04A)
- Low Ambient Control (LAC03A) (See NOTE)

NOTE: The low ambient kit LAC03A is intended for use only in systems matched with TXV coils.

Heat Pump Performance Data

For ARI Performance Data: See the ARI Directory, Product Data Booklet (PDB), or the product Service Manual.

XH10601A / XBA60A / CCA60FCC																
	Outdoor Ambient Temperature (° F)															
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0
ΔT	34	32	31	29	27	26	25	23	21	19	18	17	16	14	13	11
Amps	17.1	15.9	14.9	14.0	13.5	13.2	12.5	11.9	11.4	10.9	10.4	10.1	10.0	9.5	8.9	8.3
HI PR	273	261	251	240	235	230	221	212	203	194	187	182	179	172	165	159
LO PR	71	66	62	57	54	52	48	42	38	34	30	28	27	23	20	17

Above information is for nominal CFM and 70° F indoor dry bulb.

All pressures are PSIG.

All temperatures are °F.

NOTE: When mix-matching with restrictor orifice indoor coil, use either Aeroquip .055 diameter restrictor orifice B1443824 or Chatleff .055 diameter restrictor orifice 11076302.

NOTE: Defrost control compressor run time is factory set at 90 minutes.

Typical Cooling Performance Data



CAUTION

The installation must be adjusted to obtain a temperature rise within the range listed on the unit nameplate.

XH10601A / XBA60A / CCA60FCC																										
			Outdoor Ambient Temperature (°F)																							
			65				75				85				95				105				115			
			Entering Indoor Wet Bulb Temperature (°F)																							
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	2250	Delta T	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	14	11	-	16	13	10	-
		AMPS	16.2	16.6	17.2	-	17.6	18.0	18.6	-	19.1	19.6	20.3	-	20.5	21.0	21.7	-	21.8	22.4	23.1	-	23.1	23.7	24.5	-
		HI PR	157	169	178	-	176	190	200	-	200	216	228	-	228	246	259	-	257	276	292	-	284	305	322	-
		LO PR	60	64	69	-	63	67	73	-	66	70	76	-	69	73	80	-	72	77	84	-	75	80	87	-
	1900	Delta T	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		AMPS	16.1	16.5	17.0	-	17.4	17.8	18.4	-	18.9	19.4	20.1	-	20.3	20.8	21.5	-	21.6	22.1	22.9	-	22.9	23.5	24.3	-
		HI PR	155	167	177	-	174	188	198	-	198	213	225	-	226	243	257	-	254	274	289	-	281	302	319	-
		LO PR	59	63	69	-	63	67	73	-	65	69	75	-	68	73	79	-	72	76	83	-	74	79	86	-
	1750	Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-
		AMPS	15.8	16.2	16.8	-	17.1	17.6	18.1	-	18.6	19.1	19.8	-	20.0	20.5	21.1	-	21.3	21.8	22.5	-	22.5	23.1	23.9	-
		HI PR	153	164	174	-	171	185	195	-	195	210	222	-	222	239	252	-	250	269	284	-	276	297	314	-
		LO PR	58	62	68	-	61	65	71	-	64	68	74	-	67	71	78	-	70	75	82	-	73	77	84	-
75	2250	Delta T	19	18	14	10	19	18	15	10	19	18	15	10	20	18	15	10	19	18	15	10	18	17	14	9
		AMPS	16.4	16.8	17.3	18.0	17.7	18.2	18.8	19.5	19.3	19.8	20.5	21.2	20.7	21.2	21.9	22.7	22.0	22.6	23.3	24.2	23.4	23.9	24.8	25.7
		HI PR	159	171	180	188	178	192	202	211	202	218	230	240	231	248	262	273	259	279	295	307	287	308	326	340
		LO PR	60	64	70	75	64	68	74	79	66	71	77	82	70	74	81	86	73	78	85	90	75	80	88	93
	1900	Delta T	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10
		AMPS	16.2	16.6	17.2	17.8	17.6	18.0	18.6	19.3	19.1	19.6	20.3	21.0	20.5	21.0	21.7	22.5	21.8	22.4	23.1	24.0	23.1	23.7	24.5	25.5
		HI PR	157	169	178	186	176	190	200	209	200	216	228	238	228	246	259	271	257	276	292	304	284	305	322	336
		LO PR	60	64	69	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	89	75	80	87	92
	1750	Delta T	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	12	22	20	16	11	20	19	15	11
		AMPS	16.0	16.4	16.9	17.6	17.3	17.7	18.3	19.0	18.8	19.3	19.9	20.7	20.1	20.6	21.3	22.2	21.5	22.0	22.8	23.6	22.8	23.3	24.1	25.1
		HI PR	154	166	175	183	173	186	197	205	197	212	224	233	224	241	255	266	252	272	287	299	279	300	317	331
		LO PR	59	63	68	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	73	78	85	91
80	2250	Delta T	21	20	18	14	22	21	18	14	22	21	18	14	22	21	18	15	21	21	18	14	19	20	17	13
		AMPS	16.5	16.9	17.5	18.2	17.9	18.3	19.0	19.7	19.5	20.0	20.6	21.4	20.9	21.4	22.1	23.0	22.2	22.8	23.6	24.5	23.6	24.2	25.0	26.0
		HI PR	160	172	182	190	180	193	204	213	204	220	232	242	233	251	265	276	262	282	298	310	289	311	329	343
		LO PR	61	65	71	75	64	69	75	80	67	71	78	83	70	75	82	87	74	78	86	91	76	81	89	94
	1900	Delta T	23	22	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15
		AMPS	16.4	16.8	17.3	18.0	17.7	18.2	18.8	19.5	19.3	19.8	20.5	21.2	20.7	21.2	21.9	22.7	22.0	22.6	23.3	24.2	23.4	23.9	24.8	25.7
		HI PR	159	171	180	188	178	192	202	211	202	218	230	240	231	248	262	273	259	279	295	307	287	308	326	340
		LO PR	60	64	70	75	64	68	74	79	66	71	77	82	70	74	81	86	73	78	85	90	76	80	88	93
	1750	Delta T	24	23	20	16	24	23	20	16	25	23	20	16	25	24	21	16	24	23	20	16	23	22	19	15
		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	20.3	20.8	21.5	22.4	21.7	22.2	23.0	23.9	23.0	23.6	24.4	25.3
		HI PR	156	168	177	185	175	188	199	207	199	214	226	236	227	244	258	269	255	274	290	302	282	303	320	334
		LO PR	59	63	69	73	63	67	73	78	65	69	76	81	68	73	80	85	72	76	83	89	74	79	86	92

*Entering Dry Bulb Temperature.

NOTE: Darker shaded area with white lettering is ARI rating conditions, (95° ambient, 80° IDB + 67° IWB).

Lighter shaded area with black lettering is ACCA rating conditions, (95° ambient, 75° IDB + 63° IWB).

All Pressures are PSIG. All temperatures are in °F.

Low and high pressure are measured at gauge port.

Amps are total unit amps at a rated voltage of 230 VAC.