

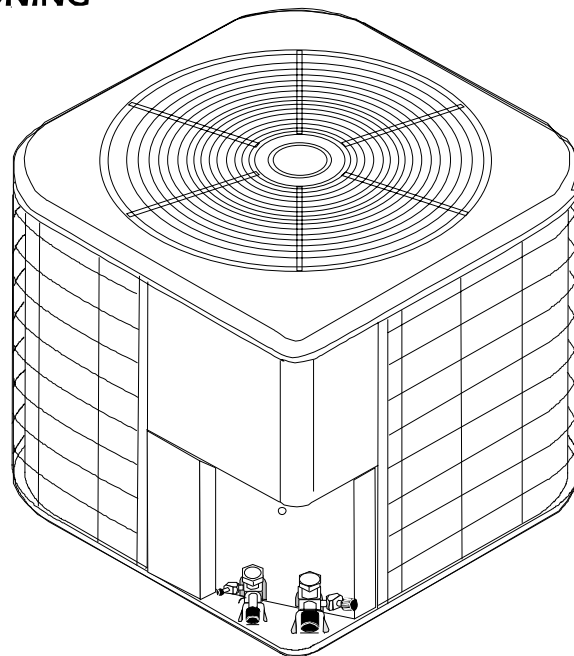
XENON™

HEATING & AIR CONDITIONING

XA14241A

Remote Condensing Unit

Specification Sheet



Standard Features

- Liquid Line Filter Drier (Shipped for field installation)
- Automatic Reset High Pressure Switch
- Automatic Reset Low Pressure Switch
- Front Seating Valves
- Low RPM (825) 8-Pole Motor
- Short Cycle Protection
- Compressor Sound Blanket

Accessories

- Low Ambient Kit (LAC02A) (See NOTE)
- Liquid Line Solenoid (LSK01A)
- Freeze Protection Kit (FSK01A)
(Installed on indoor coil)

NOTE: The low ambient kit (LAC02A) is intended for use only in systems matched with TXV coils.

Specifications	
Cooling Capacity, BTUH (Nominal)	24,000
Compressor	
R.L. Amps	10.3
L.R. Amps	56.0
Condenser Fan Motor	
Horsepower	1/12
R.L. Amps	0.6
L.R. Amps	1.2
Liquid Line, Inches O.D.	3/8
Suction Line, Inches O.D.	3/4
Refrigerant Charge (oz.)	160
Design Subcooling Cooling Mode (°F)	9.8
Power Supply (volts)	208/230-60-1
Min. Circuit Ampacity	13.5
Max. Overcurrent Device (amps)	20
Electric Conduit Size (in.)	
Power Supply	1/2 or 3/4
Low Voltage	1/2
Approximate Shipping Weight (lbs.)	208

NOTE: It is important to electrically connect the unit and properly size fuses/circuit breakers and wires in accordance with all national and/or local electrical codes. Use copper wire only.

Typical Cooling Performance Data



CAUTION

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

XA14241A / CHA30T°C																									
			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			
70	900	Δ T	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	11	-			
		AMPS	5.9	6.0	6.2	-	6.4	6.5	6.7	-	6.9	7.1	7.3	-	7.4	7.6	7.8	-	7.9	8.1	8.3	-			
		HI PR	134	144	152	-	150	161	170	-	171	184	194	-	194	209	221	-	219	235	248	-			
		LO PR	61	65	71	-	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-			
	800	Δ T	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-			
		AMPS	5.8	6.0	6.2	-	6.3	6.5	6.7	-	6.9	7.0	7.3	-	7.3	7.5	7.8	-	7.8	8.0	8.3	-			
		HI PR	132	142	150	-	148	160	169	-	169	182	192	-	192	207	219	-	216	233	246	-			
		LO PR	61	65	71	-	64	68	75	-	67	71	77	-	70	75	81	-	73	78	85	-			
	700	Δ T	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-			
		AMPS	5.7	5.8	6.0	-	6.1	6.3	6.5	-	6.7	6.8	7.1	-	7.1	7.3	7.5	-	7.6	7.8	8.0	-			
		HI PR	128	138	146	-	144	155	164	-	164	176	186	-	187	201	212	-	210	226	238	-			
		LO PR	59	63	68	-	62	66	72	-	65	69	75	-	68	72	79	-	71	76	83	-			
75	900	Δ T	20	19	15	10	20	19	15	11	20	19	15	11	21	19	16	11	20	19	15	11			
		AMPS	5.9	6.1	6.3	6.5	6.4	6.6	6.8	7.1	7.0	7.2	7.4	7.7	7.5	7.6	7.9	8.2	7.9	8.1	8.4	8.7			
		HI PR	135	145	153	160	151	163	172	180	172	185	196	204	196	211	223	233	221	238	251	262			
		LO PR	62	66	72	77	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93			
	800	Δ T	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11			
		AMPS	5.9	6.0	6.2	6.5	6.4	6.5	6.7	7.0	6.9	7.1	7.3	7.6	7.4	7.6	7.8	8.1	7.9	8.1	8.3	8.6			
		HI PR	134	144	152	158	150	161	170	178	171	184	194	202	194	209	221	230	219	235	248	259			
		LO PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92			
	700	Δ T	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11			
		AMPS	5.7	5.9	6.1	6.3	6.2	6.3	6.6	6.8	6.7	6.9	7.1	7.4	7.2	7.4	7.6	7.9	7.7	7.8	8.1	8.4			
		HI PR	130	140	147	154	145	157	165	172	165	178	188	196	188	203	214	223	212	228	241	251			
		LO PR	59	63	69	74	63	67	73	78	65	70	76	81	69	73	80	85	72	77	84	89			
80	900	Δ T	22	22	19	15	23	22	19	15	23	22	19	15	24	22	19	15	22	22	19	15			
		AMPS	6.0	6.1	6.3	6.6	6.5	6.6	6.9	7.1	7.0	7.2	7.5	7.7	7.5	7.7	8.0	8.3	8.0	8.2	8.5	8.8			
		HI PR	136	147	155	162	153	165	174	181	174	187	198	206	198	213	225	235	223	240	253	264			
		LO PR	63	67	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	94			
	800	Δ T	23	22	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16			
		AMPS	5.9	6.1	6.3	6.5	6.4	6.6	6.8	7.1	7.0	7.2	7.4	7.7	7.5	7.6	7.9	8.2	7.9	8.1	8.4	8.7			
		HI PR	135	145	153	160	151	163	172	180	172	185	196	204	196	211	223	233	221	238	251	262			
		LO PR	62	66	72	77	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93			
	700	Δ T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16			
		AMPS	5.8	5.9	6.1	6.3	6.3	6.4	6.6	6.9	6.8	7.0	7.2	7.5	7.3	7.4	7.7	8.0	7.7	7.9	8.2	8.5			
		HI PR	131	141	149	155	147	158	167	174	167	180	190	198	190	205	216	226	214	230	243	254			
		LO PR	60	64	70	74	63	68	74	79	66	70	77	82	69	74	81	86	73	77	84	90			

*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.