

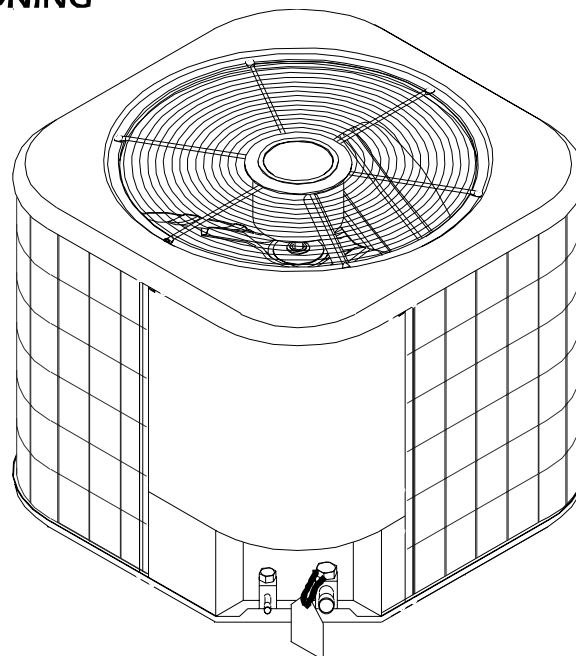
XENON™

HEATING & AIR CONDITIONING

XA12601A

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
- Anti-Short Cycle Protector

Accessories

- Low Ambient Kit (LAC02A) (See NOTE)
- Compressor Sound Blanket (CSB09A)
- Liquid Line Solenoid Kit (LSK01A)
- Freeze Protection Kit (FSK01A)
(Install 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)	60,000
Compressor	
R.L. Amps	28.8
L.R. Amps	148.0
Condenser Fan Motor	
Horsepower	1/4
R.L. Amps	1.6
L.R. Amps	2.7
Liquid Line, Inches O.D.	3/8
Suction Line, Inches O.D.	1-1/8
Refrigerant Charge (oz.)	175
Design Subcooling Cooling Mode (°F)	17.5
Power Supply (volts)	208/230-60-1
Min. Circuit Ampacity	37.6
Max. Overcurrent Device (amps)	60
Electric Conduit Size (in.)	
Power Supply	1/2 or 3/4
Low Voltage	1/2
Approximate Shipping Weight (lbs.)	256

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.

When mix-matching this unit with a restrictor orifice indoor coil, use either Aeroquip 0.092 diameter restrictor orifice B1443810 or Chatleff 0.092 diameter restrictor orifice 11076314.

Typical Cooling Performance Data



CAUTION

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

XA12601A / CHA60T°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	59	63	67	71
70	2250	Δ T	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-
		AMPS	15.9	16.3	16.8	-	17.2	17.6	18.2	-	18.7	19.2	19.8	-	20.0	20.5	21.2	-	21.3	21.8	22.6	-	22.6	23.1	23.9	-
		HI PR	156	167	177	-	175	188	198	-	198	214	226	-	226	243	257	-	254	274	289	-	281	302	319	-
		LO PR	61	65	71	-	65	69	75	-	67	71	78	-	71	75	82	-	74	79	86	-	77	81	89	-
	1830	Δ T	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
		AMPS	15.6	16.0	16.5	-	16.9	17.3	17.9	-	18.4	18.8	19.5	-	19.6	20.1	20.8	-	20.9	21.4	22.2	-	22.2	22.7	23.5	-
		HI PR	152	164	173	-	171	184	194	-	195	209	221	-	222	239	252	-	249	268	283	-	275	296	313	-
		LO PR	60	64	70	-	63	67	74	-	66	70	77	-	69	74	80	-	73	77	84	-	75	80	87	-
	1750	Δ T	20	17	13	-	20	17	13	-	20	17	13	-	20	18	13	-	20	17	13	-	19	16	12	-
		AMPS	15.5	15.8	16.3	-	16.7	17.1	17.7	-	18.2	18.6	19.2	-	19.4	19.9	20.6	-	20.7	21.2	21.9	-	21.9	22.4	23.2	-
		HI PR	151	162	171	-	169	182	192	-	192	207	218	-	219	235	249	-	246	265	280	-	272	293	309	-
		LO PR	59	63	69	-	63	67	73	-	65	69	76	-	68	73	79	-	72	76	83	-	74	79	86	-
75	2250	Δ T	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	11	19	17	14	10
		AMPS	16.1	16.5	17.0	17.6	17.4	17.8	18.4	19.1	18.9	19.4	20.0	20.8	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	157	169	179	186	176	190	200	209	201	216	228	238	228	246	260	271	257	276	292	305	284	305	323	336
		LO PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	96
	1830	Δ T	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	19	16	11
		AMPS	15.8	16.2	16.7	17.3	17.1	17.5	18.1	18.7	18.5	19.0	19.6	20.4	19.8	20.3	21.0	21.8	21.1	21.6	22.4	23.2	22.4	22.9	23.7	24.6
		HI PR	154	166	175	183	173	186	196	205	197	212	223	233	224	241	254	265	252	271	286	299	278	299	316	330
		LO PR	61	64	70	75	64	68	74	79	67	71	77	82	70	74	81	86	73	78	85	91	76	81	88	94
	1750	Δ T	23	21	17	12	23	21	18	12	23	21	18	12	23	22	18	12	23	21	17	12	22	20	16	11
		AMPS	15.6	16.0	16.5	17.1	16.9	17.3	17.8	18.5	18.3	18.8	19.4	20.1	19.6	20.1	20.7	21.5	20.9	21.4	22.1	22.9	22.1	22.7	23.4	24.3
		HI PR	152	164	173	180	171	184	194	202	194	209	220	230	221	238	251	262	249	268	283	295	275	296	312	326
		LO PR	60	64	69	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	89	75	80	87	93
80	2250	Δ T	22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	20	18	14
		AMPS	16.2	16.6	17.2	17.8	17.5	18.0	18.6	19.3	19.1	19.5	20.2	21.0	20.4	20.9	21.6	22.4	21.7	22.2	23.0	23.9	23.0	23.6	24.4	25.3
		HI PR	159	171	180	188	178	192	202	211	203	218	230	240	231	248	262	273	260	279	295	308	287	309	326	340
		LO PR	62	66	73	77	66	70	77	82	69	73	80	85	72	77	84	89	75	80	88	93	78	83	91	97
	1830	Δ T	25	24	21	17	25	24	21	17	25	24	21	17	26	24	21	17	25	24	21	17	24	23	20	16
		AMPS	15.9	16.3	16.8	17.5	17.2	17.6	18.2	18.9	18.7	19.2	19.8	20.6	20.0	20.5	21.2	22.0	21.3	21.8	22.6	23.4	22.6	23.2	23.9	24.9
		HI PR	156	167	177	184	175	188	198	207	199	214	226	235	226	243	257	268	254	274	289	302	281	303	319	333
		LO PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	87	74	79	86	92	77	81	89	95
	1750	Δ T	26	25	21	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	21	17	24	23	20	16
		AMPS	15.7	16.1	16.6	17.3	17.0	17.4	18.0	18.7	18.5	18.9	19.6	20.3	19.8	20.3	20.9	21.7	21.1	21.6	22.3	23.2	22.3	22.9	23.6	24.6
		HI PR	154	165	175	182	172	185	196	204	196	211	223	232	223	240	254	265	251	270	285	298	277	299	315	329
		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

*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.