

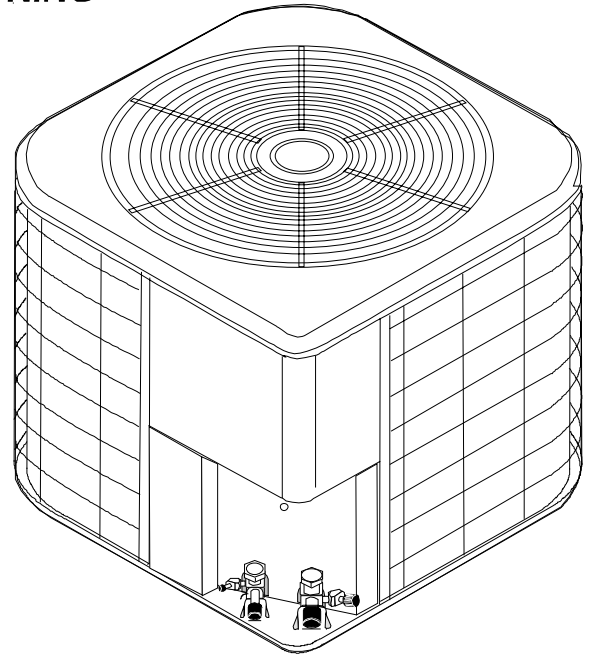
XENON™

HEATING & AIR CONDITIONING

XA14601A

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)	60,000
Compressor	
R.L. Amps	25
L.R. Amps	169.0
Condenser Fan Motor	
Horsepower	1/2
R.L. Amps	2.1
L.R. Amps	3.7
Liquid Line, Inches O.D.	3/8
Suction Line, Inches O.D.	1 1/8
Refrigerant Charge (oz.)	250
Design Subcooling Cooling Mode (°F)	11.5
Power Supply (volts)	208/230-60-1
Min. Circuit Ampacity	33.4
Max. Overcurrent Device (amps)	55
Electric Conduit Size (in.)	
Power Supply	1/2 or 3/4
Low Voltage	1/2
Approximate Shipping Weight (lbs.)	314

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.

XA14601A / 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	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-
		AMPS	15.0	15.4	15.9	-	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	140	151	160	-	158	170	179	-	179	193	204	-	204	220	232	-	230	247	261	-	254	273	288	-
		LO PR	61	65	71	-	65	69	75	-	67	71	78	-	71	75	82	-	74	79	86	-	77	81	89	-
	1800	Δ T	20	17	13	-	20	18	13	-	20	18	13	-	20	18	13	-	20	17	13	-	19	16	12	-
		AMPS	14.7	15.1	15.6	-	15.9	16.3	16.9	-	17.3	17.7	18.3	-	18.5	19.0	19.6	-	19.7	20.2	20.9	-	20.9	21.4	22.2	-
		HI PR	138	148	156	-	154	166	176	-	176	189	200	-	200	215	227	-	225	242	256	-	249	268	283	-
		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	18	13	-	20	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-
		AMPS	14.5	14.9	15.4	-	15.7	16.1	16.7	-	17.1	17.5	18.1	-	18.3	18.8	19.4	-	19.5	20.0	20.7	-	20.7	21.2	21.9	-
		HI PR	136	146	154	-	152	164	173	-	173	187	197	-	197	213	224	-	222	239	252	-	245	264	279	-
		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	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	15	11	19	18	14	10
		AMPS	15.1	15.5	16.0	16.6	16.4	16.8	17.3	18.0	17.8	18.2	18.9	19.6	19.1	19.5	20.2	21.0	20.3	20.8	21.5	22.3	21.5	22.1	22.8	23.7
		HI PR	142	153	161	168	159	171	181	189	181	195	206	215	206	222	234	244	232	250	264	275	256	276	291	304
		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
	1800	Δ T	23	21	17	12	23	22	18	12	23	22	18	12	24	22	18	12	23	21	18	12	22	20	16	11
		AMPS	14.9	15.2	15.7	16.3	16.1	16.5	17.0	17.7	17.5	17.9	18.5	19.2	18.7	19.2	19.8	20.6	19.9	20.4	21.1	21.9	21.1	21.6	22.4	23.3
		HI PR	139	150	158	165	156	168	177	185	177	191	202	210	202	218	230	240	227	245	258	270	251	270	285	298
		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	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	22	20	17	11
		AMPS	14.7	15.0	15.5	16.1	15.9	16.3	16.8	17.4	17.3	17.7	18.3	19.0	18.5	18.9	19.6	20.3	19.7	20.2	20.9	21.7	20.9	21.4	22.1	23.0
		HI PR	137	148	156	163	154	166	175	183	175	188	199	208	199	215	227	236	224	242	255	266	248	267	282	294
		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	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	20	21	18	14
		AMPS	15.3	15.6	16.2	16.8	16.5	16.9	17.5	18.2	18.0	18.4	19.0	19.8	19.2	19.7	20.4	21.2	20.5	21.0	21.7	22.5	21.7	22.3	23.0	23.9
		HI PR	143	154	163	170	161	173	183	191	183	197	208	217	208	224	237	247	234	252	266	278	259	279	294	307
		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
	1800	Δ T	26	25	22	17	26	25	22	17	26	25	22	17	26	25	22	17	26	25	22	17	24	23	20	16
		AMPS	15.0	15.4	15.9	16.5	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	21.9	22.6	23.5
		HI PR	140	151	160	166	158	170	179	187	179	193	204	212	204	220	232	242	230	247	261	272	254	273	288	301
		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	22	17	26	25	22	18	26	25	22	18	27	26	22	18	26	25	22	17	25	23	20	16
		AMPS	14.8	15.2	15.7	16.3	16.0	16.4	17.0	17.6	17.4	17.9	18.5	19.2	18.6	19.1	19.8	20.5	19.9	20.4	21.0	21.9	21.1	21.6	22.3	23.2
		HI PR	139	149	158	164	156	167	177	184	177	190	201	210	202	217	229	239	227	244	258	269	250	270	285	297
		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.