

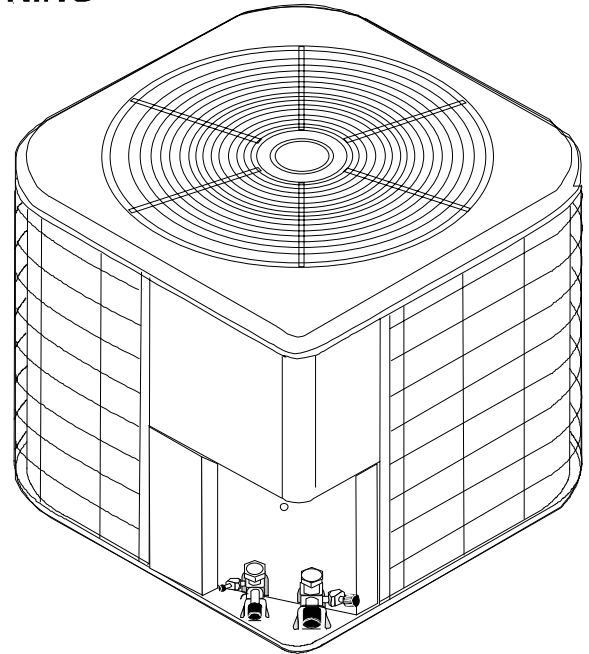
XENON™

HEATING & AIR CONDITIONING

XA12361A

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
- Crankcase Heater
- Low RPM (825) 8-Pole Motor
- Hard Start Capacitor and Relay

Accessories

- Low Ambient Kit (LAC02A) (See NOTE)
- Compressor Sound Blanket Kit (CSB04A)
- Liquid Line Solenoid (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)	36,000
Compressor	
R.L. Amps	14.4
L.R. Amps	82.0
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.	7/8*
Refrigerant Charge (oz.)	114
Design Subcooling Cooling Mode (°F)	15.1
Power Supply (volts)	208/230-60-1
Min. Circuit Ampacity	18.6
Max. Overcurrent Device (amps)	30
Electric Conduit Size (in.)	
Power Supply	1/2 or 3/4
Low Voltage	1/2
Approximate Shipping Weight (lbs.)	198

* A 3/4 inch O.D. suction line can be used with a corresponding 1-1/2 percent reduction in cooling capacity and efficiency.

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 0.069 diameter restrictor orifice B1443808 or Chatteff 0.068 diameter restrictor orifice 11076306.

Typical Cooling Performance Data



CAUTION

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

XA12361A / CHA36TSC																										
			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	1350	Δ T	17	15	11	-	17	15	11	-	17	15	11	-	18	15	12	-	17	15	11	-	16	14	11	-
		AMPS	9.3	9.5	9.8	-	10.0	10.3	10.6	-	10.9	11.2	11.6	-	11.7	12.0	12.4	-	12.4	12.8	13.2	-	13.2	13.5	14.0	-
		HI PR	153	164	174	-	171	185	195	-	195	210	222	-	222	239	252	-	250	269	284	-	276	297	314	-
		LO PR	64	68	75	-	68	72	79	-	71	75	82	-	74	79	86	-	78	83	90	-	80	86	93	-
	1200	Δ T	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		AMPS	9.2	9.4	9.7	-	10.0	10.2	10.5	-	10.8	11.1	11.5	-	11.6	11.9	12.3	-	12.3	12.6	13.1	-	13.1	13.4	13.9	-
		HI PR	151	163	172	-	170	183	193	-	193	208	219	-	220	237	250	-	247	266	281	-	273	294	311	-
		LO PR	64	68	74	-	67	72	78	-	70	74	81	-	73	78	85	-	77	82	89	-	80	85	92	-
	1050	Δ T	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
		AMPS	8.9	9.2	9.5	-	9.7	9.9	10.2	-	10.5	10.8	11.1	-	11.3	11.5	11.9	-	12.0	12.3	12.7	-	12.7	13.0	13.5	-
		HI PR	147	158	167	-	165	177	187	-	187	202	213	-	213	230	242	-	240	258	273	-	265	285	301	-
		LO PR	62	66	72	-	65	69	76	-	68	72	79	-	71	76	83	-	75	79	87	-	77	82	90	-
75	1350	Δ T	20	18	15	10	20	19	15	10	20	19	15	11	20	19	15	11	20	18	15	10	19	17	14	10
		AMPS	9.4	9.6	9.9	10.3	10.1	10.4	10.7	11.1	11.0	11.3	11.7	12.1	11.8	12.1	12.5	13.0	12.6	12.9	13.3	13.8	13.3	13.7	14.1	14.7
		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	65	69	75	80	69	73	80	85	71	76	83	88	75	80	87	93	78	84	91	97	81	86	94	100
	1200	Δ T	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
		AMPS	9.3	9.5	9.8	10.2	10.0	10.3	10.6	11.0	10.9	11.2	11.6	12.0	11.7	12.0	12.4	12.9	12.5	12.8	13.2	13.7	13.2	13.5	14.0	14.5
		HI PR	153	164	174	181	172	185	195	203	195	210	222	231	222	239	252	263	250	269	284	296	276	297	314	327
		LO PR	64	68	75	80	68	72	79	84	71	75	82	87	74	79	86	92	78	83	90	96	80	86	93	99
	1050	Δ T	21	19	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
		AMPS	9.0	9.2	9.6	9.9	9.8	10.0	10.3	10.7	10.6	10.9	11.2	11.7	11.4	11.6	12.0	12.5	12.1	12.4	12.8	13.3	12.8	13.1	13.6	14.1
		HI PR	148	160	168	176	166	179	189	197	189	204	215	224	215	232	245	255	242	261	275	287	268	288	304	317
		LO PR	62	66	72	77	66	70	77	82	68	73	80	85	72	77	84	89	75	80	88	93	78	83	91	96
80	1350	Δ T	22	21	19	15	22	22	19	15	23	22	19	15	23	22	19	15	21	22	19	15	20	20	17	14
		AMPS	9.5	9.7	10.0	10.4	10.2	10.5	10.8	11.2	11.1	11.4	11.8	12.2	11.9	12.2	12.6	13.1	12.7	13.0	13.4	14.0	13.5	13.8	14.3	14.8
		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	66	70	76	81	69	74	80	86	72	77	84	89	76	80	88	94	79	84	92	98	82	87	95	101
	1200	Δ T	23	22	19	15	23	22	20	16	23	22	20	16	24	23	20	16	23	22	19	16	22	21	18	14
		AMPS	9.4	9.6	9.9	10.3	10.1	10.4	10.7	11.1	11.0	11.3	11.7	12.1	11.8	12.1	12.5	13.0	12.6	12.9	13.3	13.8	13.3	13.7	14.1	14.7
		HI PR	154	166	175	183	173	186	197	205	197	212	224	234	224	241	255	266	252	272	287	299	279	300	317	331
		LO PR	65	69	75	80	69	73	80	85	71	76	83	88	75	80	87	93	79	84	91	97	81	86	94	100
	1050	Δ T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15
		AMPS	9.1	9.3	9.6	10.0	9.9	10.1	10.4	10.8	10.7	11.0	11.4	11.8	11.5	11.8	12.1	12.6	12.2	12.5	12.9	13.4	13.0	13.3	13.7	14.3
		HI PR	150	161	170	177	168	181	191	199	191	206	217	227	218	234	247	258	245	264	278	290	271	291	307	321
		LO PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	84	90	76	81	88	94	79	84	91	97

*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.