



14 SEER R-410A PACKAGE GAS / ELECTRIC UNIT 2 to 5 TON

Two-Stage Gas Heating/Two-Stage Electric Cooling

REFRIGERATION CIRCUIT

- All models are equipped with high efficiency two-stage Copeland UltraTech scroll compressor.
- Thermostatic Expansion Valve (TXV) on select models to control refrigerant flow.
- Variable Speed GE ECM 2.3 indoor motor with electronic speed controller on all models.
- High and Low Pressure Switches for excellent compressor protection.

BUILT TO LAST

- Stainless Steel tubular heat exchanger.
- Galvanized-painted cabinet. One piece weather resistant top. Access panels for easy service. Side by side supply and return. Heavy gauge base rails.
- Triple-coated steel, consisting of a Polyester top coat, a urethane primer coat preceded by an oxide pretreatment.
- Integral base rails with fork-lift access on three sides. Holes provided for lifting lugs makes rooftop installation easier.
- The condenser coil has a sturdy wire inlet grille and UV rated vinyl mesh installed on the surface of the coil for additional protection.
- Advanced Air Management System for quieter operation.
- Two-speed PSC combustion air blower with ball bearings.

EASY TO INSTALL AND SERVICE

- Combination gas heating and electric cooling, self contained for year-round comfort. Systems install on rooftop or ground level. The unit is shipped in the horizontal position and can easily be converted to downflow.
- Externally-mounted gauge ports allow for more accurate reading of operating conditions while servicing.
- Electrical and gas controls located behind one exterior panel for easier maintenance.
- Adjustable electronic fan control with optional low speed continuous fan feature responds quickly to circulate conditioned air and provide maximum comfort.
- Dehumidification mode in cooling.
- Comfort Alert™ UltraTech™ Diagnostics device on all models.

WARRANTY*

- 7 year No Hassle Replacement™ limited warranty
- Lifetime heat exchanger limited warranty with timely registration
- 5 year parts limited warranty (including compressor and coils)
 - With timely registration, an additional 5 year parts limited warranty (including compressor and coils)

*Applies to original purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.



As an Energy Star® Partner, International Comfort Products has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

UNIT PERFORMANCE DATA

Model Number	COOLING		HEATING			Unit Dimensions (inches) H x W x L **	Operating Weight
	Nominal Capacity (BTU/h)	S.E.E.R	Input High Stage (BTU/h)	Input Low Stage (BTU/h)	Efficiency (AFUE%)		
PGX424040K0*A	23,000	14.5	40,000	28,000	78.2	32-1/2 X 47-5/16 X 47-5/16	419
PGX424060K0*A	23,000	14.5	60,000	42,000	78.0	32-1/2 X 47-5/16 X 47-5/16	419
PGX430040K0*A	29,000	14.5	40,000	28,000	78.2	32-1/2 X 47-5/16 X 47-5/16	419
PGX430060K0*A	29,000	14.5	60,000	42,000	78.0	32-1/2 X 47-5/16 X 47-5/16	419
PGX436060K0*A	34,400	14.5	60,000	42,000	78.0	36 X 47-5/16 X 73	459
PGX436080K0*A	34,400	14.5	80,000	56,000	78.5	36 X 47-5/16 X 73	459
PGX442080K0*A	41,000	14.5	80,000	56,000	78.5	36 X 47-5/16 X 73	579
PGX448100K0*A	46,000	14.5	100,000	70,000	78.6	42 X 47-5/16 X 73	618
PGX448120K0*A	46,000	14.5	120,000	84,000	79.3	42 X 47-5/16 X 73	618
PGX460100K0*A	58,000	14.5	100,000	70,000	78.6	42 X 47-5/16 X 73	642
PGX460120K0*A	58,000	14.5	120,000	84,000	79.3	42 X 47-5/16 X 73	642

* 0 = Standard Model, 1 = Low NOx California Model ** See unit dimensional drawings for mm.

UNIT SPECIFICATIONS

MODEL NUMBER *	Electrical Data 208/230-1-60		Condenser Data									Sound Ratings (dBa)
			Coil			Fan Motor			Fan			
	Maximum HACR Breaker or Fuse	Minimum Circuit Ampacity	Total Face Area (Ft ²)	Fins Per Inch / Rows	Tube Diameter (Inch)	Horse Power	Full Load Amps	Locked Rotor Amps	Size Diameter (Inches)	RPM (Max.)	CFM (Design)	
PGX424040K0*A	25 amps	18.1	11.40	18 / 2	3/8	1/8	0.9	1.6	20	825	2100	71
PGX424060K0*A	25 amps	18.1	11.40	18 / 2	3/8	1/8	0.9	1.6	20	825	2100	71
PGX430040K0*A	35 amps	22.8	11.46	18 / 2	3/8	1/8	0.9	1.6	20	825	2100	71
PGX430060K0*A	35 amps	22.8	11.46	18 / 2	3/8	1/8	0.9	1.6	20	825	2100	71
PGX436060K0*A	40 amps	26.1	12.99	18 / 2	3/8	1/8	0.9	1.7	20	1100	2600	73
PGX436080K0*A	40 amps	26.1	12.99	18 / 2	3/8	1/8	0.9	1.7	20	1100	2600	73
PGX442080K0*A	45 amps	28.6	17.12	18 / 2	3/8	1/8	0.9	1.7	22	1100	3100	78
PGX448100K0*A	50 amps	34.7	20.14	18 / 2	3/8	1/4	1.4	3.2	22	1100	3400	77
PGX448120K0*A	50 amps	34.7	20.14	18 / 2	3/8	1/4	1.4	3.2	22	1100	3400	77
PGX460100K0*A	60 amps	42.5	20.14	18 / 2	3/8	1/4	1.4	3.2	22	1100	3400	77
PGX460120K0*A	60 amps	42.5	20.14	18 / 2	3/8	1/4	1.4	3.2	22	1100	3400	77

* 0 = Standard Model, 1 = Low NOx California Model

MODEL NUMBER *	Evaporator Coil								Scroll Compressor		Factory Refrigerant Charge R-410 (lbs)	Ship Weight (lbs)
	Coil			Motor		Blower			Rated Load Amps	Locked Rotor Amps		
	Total Face Area (Ft ²)	Fins Per Inch / Rows	Tube Diam. (Inch)	Horse Power	Full Load Amps	Size	RPM (Max)	CFM Rated				
PGX424040K0*A	3.56	14 / 4	3/8	1/2	4.3	10 x 8	1260	800	10.3	52.0	10.30	429
PGX424060K0*A	3.56	14 / 4	3/8	1/2	4.3	10 x 8	1260	800	10.3	52.0	10.30	429
PGX430040K0*A	3.56	14 / 4	3/8	1/2	4.3	10 x 8	1260	875	14.1	70.0	10.55	429
PGX430060K0*A	3.56	14 / 4	3/8	1/2	4.3	10 x 8	1260	875	14.1	70.0	10.55	429
PGX436060K0*A	6.17	14 / 3	3/8	1/2	4.3	11 x 9	1260	1200	16.7	82.0	11.55	469
PGX436080K0*A	6.17	14 / 3	3/8	1/2	4.3	11 x 9	1260	1200	16.7	82.0	11.55	469
PGX442080K0*A	6.17	14 / 3	3/8	3/4	6.8	11 x 9	1260	1400	16.7	96.0	14.30	589
PGX448100K0*A	6.17	14 / 3	3/8	3/4	6.8	11 x 10	1260	1600	21.2	96.0	14.80	628
PGX448120K0*A	6.17	14 / 3	3/8	3/4	6.8	11 x 10	1260	1600	21.2	96.0	14.80	628
PGX460100K0*A	9.76	14 / 3	3/8	1.0	9.1	11 x 10	1260	1750	25.6	118.0	15.80	652
PGX460120K0*A	9.76	14 / 3	3/8	1.0	9.1	11 x 10	1260	1750	25.6	118.0	15.80	652

* 0 = Standard Model, 1 = Low NOx California Model

UNIT PERFORMANCE DATA (230V - 1 Phase - 60 Hz)

Model Number	COOLING				HEATING		
	Rated Capacity (BTU/h)	S.E.E.R	E.E.R.	S/T Ratio	Input High Stage (BTU/h)	Input Low Stage (BTU/h)	Efficiency (AFUE%)
PGX424040K0*A	23,000	14.5	11.0	0.76	40,000	28,000	78.2
PGX424060K0*A	23,000	14.5	11.0	0.76	60,000	42,000	78.0
PGX430040K0*A	29,000	14.5	11.0	0.79	40,000	28,000	78.2
PGX430060K0*A	29,000	14.5	11.0	0.79	60,000	42,000	78.0
PGX436060K0*A	34,400	14.5	11.0	0.76	60,000	42,000	78.0
PGX436080K0*A	34,400	14.5	11.0	0.76	80,000	56,000	78.5
PGX442080K0*A	41,000	14.5	11.0	0.76	80,000	56,000	78.5
PGX448100K0*A	46,000	14.5	11.0	0.76	100,000	70,000	78.6
PGX448120K0*A	46,000	14.5	11.0	0.76	120,000	84,000	79.3
PGX460100K0*A	58,000	14.5	11.0	0.76	100,000	70,000	78.6
PGX460120K0*A	58,000	14.5	11.0	0.76	120,000	84,000	79.3

* 0 = Standard Model, 1 = Low NOx California Model

PGX4 SERIES AIRFLOW CHART

Model	Cooling Tons	High Stage Heating						Low Stage Heating						High Stage Cooling		Low Stage Cooling		
		Heating Input (BTU/hr)	Heating Rise Range (°F)	Speed Tap	External Static Pressure (in. w.c.)		Heating Input (BTU/hr)	Heating Rise Range (°F)	Speed Tap	External Static Pressure (in. w.c.)		Normal Mode (CFM)	Dehumidify Mode (CFM)	Normal Mode (CFM)	Dehumidify Mode (CFM)			
					CFM	Heating Rise (°F)				CFM	Heating Rise (°F)							
PGX424040	2	40000	35 - 65	HI	904	33	28000	25 - 55	HI	800	26	800	640	560	448			
				MED HI	791	37			MED HI	700	30					MED HI	700	30
				MED LO	678	44			MED LO	600	35					MED LO	600	35
PGX424060	2	60000	35 - 65	LO*	554	52	42000	25 - 55	LO*	490	42	800	640	560	448			
				HI*	904	49			HI*	800	39					HI*	800	39
				MED HI	791	56			MED HI	700	44					MED HI	700	44
PGX430040	2.5	40000	35 - 65	MED LO	678	66	28000	25 - 55	MED LO	610	34	875	700	648	518			
				LO*	554	52			LO*	490	42					LO*	490	42
				HI*	904	49			HI*	800	39					HI*	800	39
PGX430060	2.5	60000	35 - 65	MED HI	791	56	42000	25 - 55	MED HI	700	44	875	700	648	518			
				MED LO	689	64			MED LO	610	51					MED LO	610	51
				LO	554	NA			LO	490	NA					LO	490	NA
PGX436060	3	60000	35 - 65	HI	1288	35	42000	25 - 55	HI	1140	27	1200	960	852	682			
				MED HI	1164	38			MED HI	1030	30					MED HI	1030	30
				MED LO	1034	43			MED LO	915	34					MED LO	915	34
PGX436080	3	80000	35 - 65	LO*	904	49	56000	25 - 55	LO*	800	39	1200	960	852	682			
				HI*	1288	48			HI*	1140	38					HI*	1140	38
				MED HI	1164	53			MED HI	1030	42					MED HI	1030	42
PGX442080	3.5	80000	35 - 65	MED LO	1034	59	56000	25 - 55	MED LO	915	47	1400	1120	980	784			
				LO*	904	49			LO*	800	39					LO*	800	39
				HI*	1288	48			HI*	1140	38					HI*	1140	38
PGX448100	4	100000	35 - 65	MED HI	1379	45	70000	25 - 55	MED HI	1220	35	1600	1280	1104	883			
				MED LO	1288	48			MED LO	1140	38					MED LO	1140	38
				LO*	1198	51			LO*	1060	41					LO*	1060	41
PGX448120	4	120000	35 - 65	LO	1113	55	84000	25 - 55	LO	985	44	1600	1280	1104	883			
				HI*	1785	43			HI*	1580	39					HI*	1580	39
				MED HI	1719	53			MED HI	1521	41					MED HI	1521	41
PGX460100	5	100000	35 - 65	MED LO	1653	46	70000	25 - 55	MED LO	1463	36	1750	1400	1295	1036			
				LO*	1588	48			LO*	1405	38					LO*	1405	38
				HI*	1785	51			HI*	1580	39					HI*	1580	39
PGX460120	5	120000	35 - 65	MED HI	1719	53	84000	25 - 55	MED HI	1521	41	1750	1400	1295	1036			
				MED LO	1653	55			MED LO	1463	43					MED LO	1463	43
				LO	1588	57			LO	1405	44					LO	1405	44

NOTES:

- * Factory-shipped speed
- NA = Not Allowed for Heating Speed

EXPANDED PERFORMANCE DATA

		P-X424 (High Stage Cooling)																							
		Outdoor Ambient Temperature - Degrees F, Dry Bulb								Outdoor Ambient Temperature - Degrees F, Wet Bulb															
		75				85				95				105				115							
		Entering Indoor Temperature - Degrees F, Wet Bulb																							
CFM		57	62	63†	67	72	72	57	62	63†	67	72	72	57	62	63†	67	72	72	57	62	63†	67	72	72
720	MBH†	22.16	22.85	23.34	25.10	27.60	26.28	20.38	20.61	21.03	22.63	24.90	24.90	19.41	19.42	19.78	21.30	23.45	18.36	18.36	18.36	18.46	19.89	21.91	
	S/T†	1.00	0.86	0.69	0.67	0.49	0.50	1.00	0.91	0.72	0.70	0.51	0.51	1.00	1.00	0.74	0.72	0.52	1.00	1.00	1.00	0.77	0.74	0.53	
	AMPS*	7.00	7.04	7.06	7.17	7.32	8.06	8.21	8.85	8.87	8.90	9.01	9.17	9.90	9.90	9.93	10.05	10.21	11.03	11.03	11.03	11.04	11.16	11.33	
	HI PR	282	284	285	288	293	326	327	326	327	331	336	372	372	424	424	425	430	435	481	481	482	486	491	
	LO PR	129	133	135	145	159	137	147	132	137	141	147	161	164	139	139	141	152	166	144	144	144	154	168	
800	MBH†	22.99	23.33	23.79	25.57	28.09	26.73	21.11	21.11	21.39	23.00	25.29	25.29	20.08	20.08	20.10	21.63	23.79	18.97	18.97	18.97	18.74	20.17	22.20	
	S/T†	1.00	0.90	0.72	0.69	0.51	0.51	1.00	0.92	0.73	0.71	0.51	0.52	1.00	1.00	0.77	0.75	0.54	1.00	1.00	1.00	0.80	0.77	0.55	
	AMPS*	7.09	7.11	7.14	7.25	7.39	7.99	8.02	8.13	8.28	8.39	8.95	9.25	10.00	10.00	10.00	10.12	10.29	11.13	11.13	11.13	11.11	11.23	11.40	
	HI PR	284	285	286	289	294	327	327	328	332	337	374	374	426	426	426	431	436	483	483	483	483	487	492	
	LO PR	134	136	138	148	162	137	138	140	150	164	141	141	144	144	144	144	154	169	148	148	148	146	157	171
880	MBH†	23.72	23.77	24.15	25.95	28.50	27.09	21.74	21.74	21.68	23.30	25.61	25.61	20.66	20.66	20.36	21.89	24.07	19.50	19.50	19.50	18.96	20.40	22.44	
	S/T†	1.00	0.99	0.74	0.71	0.52	0.53	1.00	0.76	0.73	0.73	0.54	0.54	1.00	1.00	0.80	0.78	0.55	1.00	1.00	1.00	0.83	0.81	0.57	
	AMPS*	7.19	7.19	7.21	7.32	7.46	8.08	8.09	8.20	8.36	8.36	9.05	9.32	10.10	10.10	10.07	10.19	10.36	11.23	11.23	11.23	11.18	11.30	11.47	
	HI PR	286	286	287	290	295	329	329	329	333	338	376	376	428	428	427	431	437	485	485	485	483	488	493	
	LO PR	138	139	140	151	165	142	142	142	153	167	145	145	169	149	149	146	157	171	152	152	148	159	173	
		P-X424 (Low Stage Cooling)																							
		Outdoor Ambient Temperature - Degrees F, Dry Bulb								Outdoor Ambient Temperature - Degrees F, Wet Bulb															
		75				85				95				105				115							
		Entering Indoor Temperature - Degrees F, Wet Bulb																							
CFM		57	62	63†	67	72	72	57	62	63†	67	72	72	57	62	63†	67	72	72	57	62	63†	67	72	
500	MBH†	15.83	16.66	17.10	18.61	20.78	19.75	14.45	14.82	15.22	16.65	18.70	18.70	13.74	13.88	14.26	15.64	17.62	13.03	13.03	13.03	13.30	14.62	16.52	
	S/T†	1.00	0.85	0.69	0.65	0.49	0.50	1.00	0.87	0.70	0.67	0.50	0.50	1.00	1.00	0.74	0.72	0.51	1.00	1.00	1.00	0.76	0.72	0.52	
	AMPS*	4.88	4.91	4.92	4.96	5.01	5.57	5.60	5.62	5.68	5.75	6.34	6.37	6.58	7.22	7.23	7.27	7.39	7.52	8.24	8.24	8.27	8.42	8.59	
	HI PR	271	273	274	278	282	313	315	316	320	325	360	361	363	413	413	414	419	425	471	471	471	472	477	483
	LO PR	127	132	135	144	157	131	135	137	147	160	149	149	163	139	140	142	152	165	143	143	143	145	154	168
550	MBH†	16.48	17.06	17.49	19.04	21.24	20.17	15.03	15.16	15.55	17.00	19.08	19.08	14.29	14.29	14.55	15.95	17.97	13.54	13.54	13.54	13.56	14.89	16.82	
	S/T†	1.00	0.88	0.70	0.67	0.50	0.51	1.00	0.91	0.72	0.69	0.51	0.51	1.00	1.00	0.76	0.73	0.52	1.00	1.00	1.00	0.79	0.75	0.53	
	AMPS*	4.94	4.96	4.97	5.01	5.05	5.64	5.66	5.67	5.73	5.79	6.42	6.43	6.45	7.31	7.31	7.33	7.45	7.58	8.34	8.34	8.34	8.49	8.65	
	HI PR	273	274	275	279	283	315	316	317	321	326	362	363	364	415	415	415	420	426	473	473	473	478	484	
	LO PR	132	135	138	147	161	135	137	140	150	163	139	140	142	143	144	144	154	168	147	147	147	147	157	170
600	MBH†	17.07	17.40	17.83	19.39	21.63	20.52	15.56	15.56	15.82	17.29	19.40	19.40	14.78	14.78	14.80	16.22	18.26	13.99	13.99	13.99	13.77	15.13	17.08	
	S/T†	1.00	0.91	0.72	0.69	0.51	0.52	1.00	0.94	0.74	0.71	0.52	0.52	1.00	1.00	0.79	0.75	0.54	1.00	1.00	1.00	0.81	0.78	0.55	
	AMPS*	5.00	5.01	5.02	5.06	5.09	5.70	5.71	5.73	5.78	5.84	6.50	6.50	6.51	7.39	7.39	7.39	7.51	7.63	8.44	8.44	8.41	8.55	8.71	
	HI PR	274	275	276	279	284	317	317	318	322	327	364	364	365	416	416	416	421	427	475	475	475	474	479	485
	LO PR	136	138	140	150	163	139	140	142	152	165	143	143	144	147	147	146	156	170	151	151	151	149	159	172

† Total capacities are net (I.D blower heat subtracted).

* System amps are total of indoor and outdoor amps

‡ S/T are based on 80° F db entering air at the indoor coil. For sensible capacities at other than 80° F db, deduct 835 BTU/h per 1000 cfm of indoor coil air from (MBh x S/T) for each degree below 80° F, or add 835 BTU/h per 1000 cfm of indoor coil air to (MBh x S/T) for each degree above 80° F

†† All TVA rating indoor condition (75° F db/ 63° F wb). All other indoor air temperatures are at 80° F db

EXPANDED PERFORMANCE DATA

		P-X430 (High Stage Cooling)																						
		Outdoor Ambient Temperature - Degrees F, Dry Bulb					95					105					115							
CFM		Entering Indoor Temperature - Degrees F, Wet Bulb																						
		57	62	63††	67	72	72	57	62	63††	67	72	72	57	62	63††	67	72	72	57	62	63††	67	72
787	MBH†	27.07	28.40	29.01	31.13	34.12	32.51	24.95	25.67	26.21	28.12	30.82	23.78	24.19	24.68	26.48	29.03	22.50	22.62	23.05	24.73	27.11	27.11	
	S/T†	1.00	0.86	0.70	0.67	0.50	0.51	1.00	0.90	0.72	0.69	0.52	1.00	0.93	0.74	0.71	0.52	1.00	0.96	0.76	0.73	0.54	0.54	
	AMPS*	8.88	8.96	8.99	9.13	9.31	10.30	10.94	11.00	11.00	11.18	11.39	12.16	12.20	12.23	12.39	12.60	13.54	13.55	13.58	13.74	13.96	13.96	
	HI PR	296	300	301	306	313	340	343	345	350	357	389	398	406	443	444	450	488	499	500	501	507	515	515
	LO PR	121	127	129	139	153	124	129	131	141	155	127	131	133	133	136	146	160	135	136	138	149	163	163
875	MBH†	28.11	29.01	29.60	31.74	34.76	33.09	25.85	26.17	26.67	29.00	31.32	24.60	24.66	25.08	26.90	29.46	23.25	23.25	23.39	25.08	27.48	27.48	
	S/T†	1.00	0.89	0.72	0.69	0.51	0.52	1.00	0.94	0.75	0.72	0.53	1.00	0.99	0.77	0.74	0.54	1.00	1.00	0.79	0.77	0.55	0.55	
	AMPS*	9.02	9.08	9.11	9.25	9.44	10.05	10.08	10.08	10.22	10.42	11.10	11.12	11.15	11.30	11.51	12.32	12.32	12.35	13.70	13.86	14.08	14.08	
	HI PR	299	301	302	308	315	343	345	346	352	359	392	393	400	407	445	452	460	502	502	502	508	516	516
	LO PR	126	130	132	142	156	129	132	134	144	158	132	134	136	137	138	149	163	140	140	141	151	165	165
962	MBH†	29.01	29.51	30.07	32.23	35.27	33.54	26.63	26.64	27.04	28.98	31.72	25.31	25.31	25.40	27.22	29.80	23.89	23.89	23.66	25.36	27.77	27.77	
	S/T†	1.00	0.93	0.74	0.71	0.52	0.53	1.00	0.95	0.75	0.73	0.53	1.00	1.00	0.77	0.75	0.54	1.00	1.00	0.82	0.80	0.57	0.57	
	AMPS*	9.16	9.19	9.22	9.36	9.55	10.15	10.16	10.19	10.34	10.54	11.24	11.22	11.62	12.46	12.46	12.84	13.84	13.84	13.81	13.97	14.19	14.19	
	HI PR	301	303	304	309	316	346	346	347	353	361	394	394	401	409	447	453	461	505	505	504	509	517	517
	LO PR	130	133	135	145	159	134	135	137	147	161	137	137	139	141	141	151	165	145	145	144	153	168	168
		P-X430 (Low Stage Cooling)																						
		Outdoor Ambient Temperature - Degrees F, Dry Bulb					95					105					115							
CFM		Entering Indoor Temperature - Degrees F, Wet Bulb																						
		57	62	63††	67	72	72	57	62	63††	67	72	72	57	62	63††	67	72	72	57	62	63††	67	72
580	MBH†	18.92	20.33	20.85	22.65	25.21	24.06	17.45	18.34	18.81	20.46	22.82	16.62	17.22	17.67	19.24	21.49	15.72	16.03	16.45	17.94	20.07	20.07	
	S/T†	1.00	0.90	0.73	0.70	0.53	0.54	1.00	0.94	0.76	0.73	0.54	1.00	0.97	0.78	0.74	0.55	1.00	1.01	0.80	0.76	0.56	0.56	
	AMPS*	6.07	6.14	6.16	6.25	6.38	6.88	6.94	6.97	7.06	7.19	7.82	7.87	8.13	8.92	8.98	9.09	9.22	10.21	10.23	10.26	10.37	10.51	10.51
	HI PR	280	284	285	290	296	323	326	328	333	340	370	373	380	388	422	426	432	479	481	482	488	496	496
	LO PR	119	126	129	138	150	122	128	131	140	153	126	131	133	143	136	146	159	135	136	139	148	162	162
650	MBH†	19.87	20.94	21.47	23.31	25.94	24.71	18.30	18.84	19.31	21.00	23.40	17.41	17.68	18.11	19.72	22.01	16.44	16.46	16.83	18.35	20.51	20.51	
	S/T†	1.00	0.93	0.75	0.72	0.54	0.55	1.00	0.98	0.78	0.75	0.55	1.00	1.01	0.81	0.77	0.56	1.00	1.00	0.83	0.80	0.58	0.58	
	AMPS*	6.17	6.22	6.24	6.34	6.46	6.98	7.03	7.05	7.15	7.27	7.92	7.96	8.21	9.02	9.04	9.17	9.31	10.32	10.32	10.34	10.45	10.59	10.59
	HI PR	283	285	287	292	298	326	328	329	335	342	373	375	376	382	425	428	441	483	483	484	490	498	498
	LO PR	124	130	132	141	154	127	132	134	144	157	131	134	136	146	139	149	162	139	140	142	151	165	165
715	MBH†	20.67	21.43	21.94	23.82	26.49	25.21	18.99	19.25	19.69	21.41	23.85	18.05	18.07	18.45	20.08	22.39	17.03	17.03	17.12	18.66	20.85	20.85	
	S/T†	1.00	0.96	0.77	0.74	0.55	0.56	1.00	0.99	0.79	0.76	0.56	1.00	1.00	0.83	0.80	0.58	1.00	1.00	0.86	0.82	0.59	0.59	
	AMPS*	6.25	6.29	6.32	6.41	6.54	7.07	7.10	7.12	7.22	7.35	8.01	8.03	8.15	8.29	9.11	9.14	9.24	9.38	10.41	10.41	10.52	10.66	10.66
	HI PR	285	287	288	293	300	328	330	331	336	344	376	376	378	383	428	429	435	485	485	485	491	499	499
	LO PR	129	132	135	144	157	132	134	137	146	160	135	137	139	149	141	151	165	144	144	144	153	167	167

† Total capacities are net (I.D blower heat subtracted).

* System amps are total of indoor and outdoor amps

† S/T are based on 80° F db entering air at the indoor coil. For sensible capacities at other than 80° F db, deduct 835 BTU/h per 1000 cfm of indoor coil air from (MBh x S/T) for each degree below 80° F, or add 835 BTU/h per 1000 cfm of indoor coil air to (MBh x S/T) for each degree above 80° F

†† All TVA rating indoor condition (75° F db/ 63° F wb). All other indoor air temperatures are at 80° F db

EXPANDED PERFORMANCE DATA

CFM		P-X436 (High Stage Cooling)																								
		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105		115							
Entering Indoor Temperature - Degrees F, Wet Bulb		57	62	63†	67	72	57	62	63†	67	72	57	62	63†	67	72	57	62	63†	67	72	57	62	63†	67	72
1080	MBHT	33.33	34.47	35.23	38.02	41.96	31.95	32.69	33.40	36.07	39.85	30.49	30.85	31.49	34.04	37.65	28.95	28.98	29.50	31.92	35.36	27.31	27.31	27.41	29.69	32.94
	S/T†	1.00	0.86	0.69	0.66	0.49	1.00	0.88	0.70	0.68	0.50	1.00	0.91	0.72	0.69	0.51	1.00	1.00	0.74	0.71	0.52	1.00	1.00	0.77	0.74	0.53
	AMPS*	10.59	10.62	10.64	10.72	10.82	11.94	11.96	11.98	12.07	12.18	13.41	13.43	13.45	13.66	13.66	15.03	15.03	15.05	15.15	15.28	16.79	16.79	16.79	16.90	17.04
	HI PR	281	283	284	287	292	324	325	326	330	335	371	372	373	377	382	423	423	424	428	434	480	480	481	485	490
	LO PR	127	130	133	143	156	130	133	135	145	158	134	135	137	147	161	138	138	140	150	163	142	142	142	152	166
1200	MBHT	34.59	35.19	35.91	38.73	42.73	33.12	33.37	34.00	36.71	40.54	31.58	31.57	32.02	34.40	38.25	29.96	29.96	29.97	32.41	35.88	28.23	28.23	27.81	30.11	33.39
	S/T†	1.00	0.89	0.71	0.68	0.50	1.00	0.92	0.73	0.70	0.51	1.00	1.00	0.75	0.72	0.52	1.00	1.00	0.77	0.74	0.53	1.00	1.00	0.80	0.77	0.55
	AMPS*	10.74	10.76	10.78	10.85	10.95	12.09	12.10	12.12	12.20	12.31	13.57	13.57	13.58	13.67	13.79	15.19	15.19	15.19	15.29	15.41	16.95	16.95	16.93	17.04	17.17
	HI PR	283	284	285	288	293	326	326	327	331	336	373	373	374	378	383	425	425	425	429	435	482	482	481	486	491
	LO PR	131	133	135	145	159	135	136	138	148	161	138	138	140	150	163	142	142	142	152	166	147	147	144	155	168
1320	MBHT	35.70	35.85	36.45	39.31	43.36	34.15	34.15	34.49	37.22	41.10	32.53	32.53	32.46	35.05	38.74	30.83	30.83	30.35	32.80	36.30	29.02	29.02	28.14	30.45	33.74
	S/T†	1.00	0.93	0.73	0.71	0.51	1.00	1.00	0.75	0.73	0.52	1.00	1.00	0.78	0.75	0.54	1.00	1.00	0.80	0.77	0.55	1.00	1.00	0.83	0.80	0.56
	AMPS*	10.89	10.89	10.91	10.98	11.08	12.24	12.24	12.25	12.33	12.44	13.72	13.72	13.72	13.81	13.92	15.34	15.34	15.34	15.42	15.54	17.11	17.11	17.06	17.17	17.30
	HI PR	284	285	285	289	294	328	328	328	332	337	375	375	375	379	384	427	427	426	430	436	484	484	482	486	492
	LO PR	136	136	138	148	161	139	139	140	150	163	143	143	142	152	166	146	146	144	154	168	151	151	146	157	170
		P-X436 (Low Stage Cooling)																								
		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105		115							
Entering Indoor Temperature - Degrees F, Wet Bulb		57	62	63†	67	72	57	62	63†	67	72	57	62	63†	67	72	57	62	63†	67	72	57	62	63†	67	72
770	MBHT	23.90	24.67	25.29	27.48	30.64	22.75	23.18	23.75	25.84	28.85	21.57	21.67	22.18	24.17	27.05	20.35	20.35	20.57	22.46	25.19	19.08	19.08	18.92	20.69	23.26
	S/T†	1.00	0.89	0.71	0.68	0.51	1.00	0.92	0.73	0.70	0.51	1.00	0.95	0.75	0.72	0.52	1.00	1.00	0.78	0.75	0.54	1.00	1.00	0.81	0.78	0.55
	AMPS*	6.27	6.09	5.96	5.43	4.69	7.66	7.57	7.45	6.96	6.27	9.19	9.17	9.07	8.60	7.95	10.87	10.87	10.84	10.40	9.77	12.75	12.75	12.81	12.40	11.81
	HI PR	272	273	274	276	279	316	316	317	320	324	363	363	364	367	371	417	417	417	420	424	477	477	476	480	484
	LO PR	131	135	137	147	160	135	137	140	149	163	140	140	142	152	166	144	144	145	155	168	149	149	148	158	171
850	MBHT	24.83	25.22	25.80	28.04	31.26	23.61	23.69	24.20	26.33	29.41	22.37	22.37	22.58	24.60	27.53	21.08	21.08	20.92	22.83	25.60	19.74	19.74	19.21	21.01	23.62
	S/T†	1.00	0.93	0.74	0.70	0.52	1.00	0.99	0.76	0.72	0.53	1.00	1.00	0.78	0.75	0.54	1.00	1.00	0.81	0.78	0.55	1.00	1.00	0.85	0.81	0.57
	AMPS*	6.11	6.02	5.89	5.35	4.60	7.52	7.50	7.40	6.90	6.19	9.06	9.06	9.03	8.56	7.88	10.76	10.76	10.82	10.37	9.73	12.66	12.66	12.80	12.38	11.78
	HI PR	274	274	275	277	280	317	317	318	321	324	365	365	365	368	372	418	418	418	421	425	478	478	477	480	484
	LO PR	136	137	140	150	163	140	140	142	152	166	144	144	145	155	168	148	148	147	157	171	153	153	150	160	174
940	MBHT	25.76	25.79	26.28	28.56	31.84	24.48	24.48	24.62	26.79	29.92	23.16	23.16	22.95	25.00	27.97	21.81	21.81	21.24	23.18	25.98	20.39	20.39	19.49	21.30	23.94
	S/T†	1.00	1.00	0.76	0.73	0.53	1.00	1.00	0.78	0.75	0.54	1.00	1.00	0.81	0.78	0.55	1.00	1.00	0.84	0.81	0.57	1.00	1.00	0.88	0.85	0.59
	AMPS*	5.94	5.94	5.84	5.28	4.52	7.38	7.38	7.37	6.85	6.13	8.94	8.94	9.01	8.52	7.84	10.66	10.66	10.81	10.35	9.69	12.57	12.57	12.80	12.37	11.76
	HI PR	275	275	275	277	280	318	318	318	321	325	366	366	366	369	373	419	419	418	422	426	479	479	478	481	485
	LO PR	140	140	142	152	166	144	144	144	155	168	148	148	148	147	157	171	152	152	149	159	173	157	157	152	162

† Total capacities are net (I.D blower heat subtracted).

* System amps are total of indoor and outdoor amps

‡ S/T are based on 80° F db entering air at the indoor coil. For sensible capacities at other than 80° F db, deduct 835 BTU/h per 1000 cfm of indoor coil air from (MBh x S/T) for each degree below 80° F, or add 835 BTU/h per 1000 cfm of indoor coil air to (MBh x S/T) for each degree above 80° F

†† All TVA rating indoor condition (75° F db/ 63° F wb). All other indoor air temperatures are at 80° F db

EXPANDED PERFORMANCE DATA

CFM		P*X448 (High Stage Cooling)																									
		75					85					105					115										
		Outdoor Ambient Temperature - Degrees F, Dry Bulb																									
		Entering Indoor Temperature - Degrees F, Wet Bulb																									
		95					105					115															
1440	MBHT	44.14	45.41	46.32	49.97	55.13	72	57	57	62	63††	67	72	72	57	57	62	63††	67	72	72	57	57	62	63††	67	72
	S/T†	1.00	0.87	0.69	0.67	0.49	1.00	0.88	0.71	0.68	0.50	0.50	0.51	0.51	1.00	0.93	0.74	0.74	0.71	0.52	1.00	0.93	0.74	0.74	0.71	0.52	1.00
	AMPS*	14.79	14.86	14.90	15.09	15.35	16.17	16.22	16.26	16.46	16.72	17.68	17.74	17.94	18.22	19.33	19.34	19.37	19.58	19.87	21.18	21.18	21.48	21.48	21.39	21.69	
	HI PR	288	290	291	296	302	331	333	334	339	346	379	380	381	386	393	431	432	437	445	487	487	487	487	487	493	500
	LO PR	127	130	132	142	155	130	132	134	144	157	133	135	136	146	160	137	139	149	162	141	141	141	141	141	151	165
1600	MBHT	45.70	46.32	47.11	50.81	56.03	44.02	44.30	44.95	48.49	53.49	67.00	72	57	57	62	63††	67	72	72	57	57	62	63††	67	72	
	S/T†	1.00	0.90	0.72	0.69	0.51	1.00	0.92	0.73	0.70	0.51	0.51	0.51	0.52	1.00	0.93	0.74	0.74	0.53	1.00	0.93	0.74	0.74	0.71	0.53	1.00	
	AMPS*	15.07	15.10	15.14	15.33	15.60	16.45	16.47	16.50	16.70	16.97	17.96	17.96	17.98	18.18	18.46	19.62	19.62	19.82	20.11	21.46	21.46	21.46	21.42	21.63	21.93	
	HI PR	290	291	292	297	303	334	334	335	340	347	381	381	382	387	395	433	433	439	446	490	490	490	489	489	494	502
	LO PR	131	133	135	145	158	134	135	137	147	160	138	138	139	149	162	142	141	151	165	146	146	146	146	143	153	167
1760	MBHT	47.06	47.19	47.74	51.48	56.76	45.29	45.28	45.52	49.08	54.14	43.38	43.37	43.15	46.53	51.33	41.30	40.61	43.81	48.33	39.03	39.03	39.03	37.88	40.88	45.10	
	S/T†	1.00	0.93	0.74	0.71	0.52	1.00	1.00	0.75	0.73	0.53	0.53	0.53	0.54	1.00	0.93	0.74	0.74	0.55	1.00	0.93	0.74	0.74	0.71	0.56	1.00	
	AMPS*	15.34	15.35	15.37	15.57	15.84	16.72	16.72	16.73	16.93	17.21	18.23	18.23	18.21	18.42	18.70	19.89	19.89	20.05	20.34	21.74	21.74	21.74	21.65	21.86	22.16	
	HI PR	292	292	293	298	304	336	336	336	341	348	384	384	383	388	396	435	435	440	447	492	492	492	490	495	503	
	LO PR	135	136	137	147	160	138	138	139	149	162	142	142	141	151	164	145	145	153	167	149	149	149	145	155	169	
		P*X448 (Low Stage Cooling)																									
		Outdoor Ambient Temperature - Degrees F, Dry Bulb																									
		Entering Indoor Temperature - Degrees F, Wet Bulb																									
		75					85					105					115										
1000	MBHT	30.91	32.03	32.78	35.65	39.76	29.79	30.56	31.26	34.02	37.97	28.57	28.99	29.62	32.26	36.05	27.23	27.32	30.37	33.99	25.76	25.76	25.76	25.94	28.32	31.75	
	S/T†	1.00	0.91	0.73	0.70	0.52	1.00	0.93	0.74	0.71	0.52	1.00	0.95	0.76	0.73	0.53	1.00	0.98	0.75	0.54	1.00	0.98	0.75	0.75	0.77	0.85	
	AMPS*	9.66	9.65	9.64	9.62	9.61	10.79	10.78	10.77	10.73	10.69	12.06	12.05	12.04	11.98	11.91	13.52	13.52	13.50	13.42	15.22	15.22	15.22	15.22	15.12	14.99	
	HI PR	273	275	276	280	285	316	317	318	323	328	363	364	365	369	376	415	415	416	421	472	472	472	472	477	484	
	LO PR	129	133	135	145	157	132	135	137	147	160	136	136	137	139	149	162	139	140	151	165	144	144	144	144	154	168
1100	MBHT	32.04	32.70	33.40	36.32	40.51	30.85	31.19	31.82	34.62	38.65	29.56	29.62	30.12	32.80	36.66	28.15	28.15	30.85	34.52	26.61	26.61	26.61	26.32	28.73	32.21	
	S/T†	1.00	0.94	0.75	0.72	0.53	1.00	0.96	0.76	0.73	0.53	1.00	0.99	0.78	0.75	0.54	1.00	1.00	0.81	0.77	0.55	1.00	1.00	0.83	0.80	0.87	
	AMPS*	9.76	9.76	9.75	9.74	9.72	10.89	10.88	10.88	10.84	10.80	12.15	12.15	12.15	12.14	12.08	12.02	13.60	13.60	13.52	15.30	15.30	15.30	15.31	15.21	15.09	
	HI PR	275	276	277	281	286	318	318	319	324	330	365	365	366	366	370	377	417	417	422	478	474	474	474	478	485	
	LO PR	133	135	137	147	160	136	138	139	149	162	140	140	141	151	165	144	144	154	167	148	148	148	146	156	170	
1200	MBHT	33.06	33.31	33.91	36.88	41.14	31.81	32.28	32.82	35.13	39.21	30.45	30.45	30.54	33.25	37.16	28.97	28.97	28.66	31.24	34.95	27.36	27.36	26.64	29.08	32.58	
	S/T†	1.00	0.97	0.77	0.74	0.54	1.00	1.00	0.79	0.75	0.55	1.00	1.00	0.81	0.77	0.56	1.00	1.00	0.83	0.80	0.57	1.00	1.00	0.86	0.83	0.88	
	AMPS*	9.87	9.87	9.87	9.85	9.84	10.99	10.98	10.98	10.95	10.91	12.24	12.24	12.24	12.19	12.13	13.69	13.69	13.70	13.63	15.38	15.38	15.38	15.41	15.31	15.19	
	HI PR	277	277	278	282	287	320	319	320	325	331	367	367	367	371	378	419	419	418	423	479	476	476	474	479	486	
	LO PR	137	138	139	149	162	140	140	141	151	165	143	143	143	143	153	167	147	147	156	169	151	151	148	158	172	

† Total capacities are net (I.D blower heat subtracted).

* System amps are total of indoor and outdoor amps

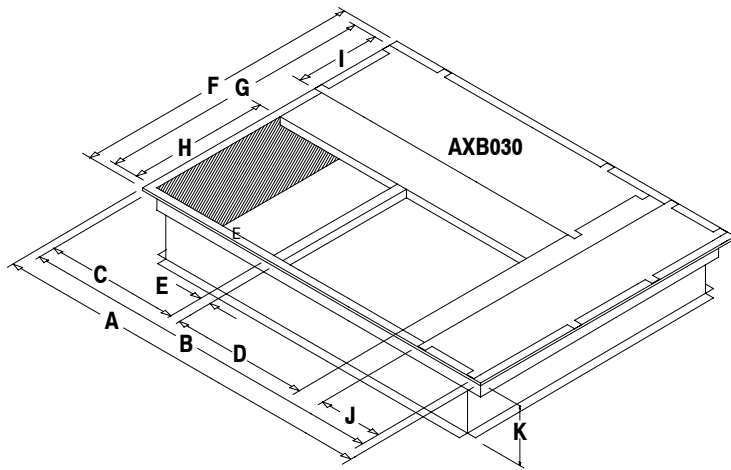
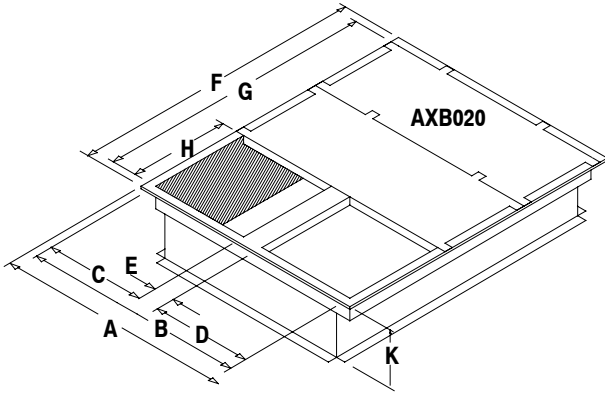
† S/T are based on 80° F db entering air at the indoor coil. For sensible capacities at other than 80° F db, deduct 835 BTU/h per 1000 cfm of indoor coil air from (MBh x S/T) for each degree below 80° F, or add 835 BTU/h per 1000 cfm of indoor coil air to (MBh x S/T) for each degree above 80° F

†† All TVA rating indoor condition (75° F db/ 63° F wb). All other indoor air temperatures are at 80° F db

ACCESSORIES

ROOF CURBS

Model Number	Height (K) - inches (mm)	Use With Model Size
AXB020CLA	8" (203.2)	24, 30
AXB020CMA	14" (355.6)	
AXB020CHA	24" (609.6)	
AXB030CLA	8" (203.2)	36, 42, 48, 60
AXB030CMA	14" (355.6)	
AXB030CHA	24" (609.6)	



ROOF CURB DIMENSIONS inches (mm)

Model Number	A	B	C	D	E	F	G	H	I	J	K (LA)	K (MA)	K (HA)
AXB020(L,M,H)A	42-3/4 (1086)	39-3/4 (1010)	18 (457)	18 (457)	3-3/4 (95)	42-3/4 (1086)	39-3/4 (1010)	18 (457)	-	-	8 (210)	14 (356)	24 (610)
AXB030(L,M,H)A	67-3/4 (1721)	64-3/4 (1721)	23 (584)	23 (584)	2-1/2 (63.5)	42-3/4 (1086)	39-3/4 (1010)	23 (584)	12 (305)	12 (305)	8 (210)	14 (356)	24 (610)

SQUARE to ROUND TRANSITION inches (mm)

Model Number	Round Size	Use With Roof Curb	Use With Model Size
AXB020CTA	16" (406)	AXB020CLA, AXB020CMA, AXB020CHA	24, 30
AXB030CTA	18" (457)	AXB030CLA, AXB030CMA, AXB030CHA	36, 42, 48, 60

CONCENTRIC GRILLE - FLUSH MOUNT

Model Number	Use With Roof Curb	Use With Model Size
AXB020CFA	AXB020CLA, AXB020CMA, AXB020CHA	24, 30
AXB030CFA	AXB030CLA, AXB030CMA, AXB030CHA	36, 42, 48, 60

CONCENTRIC GRILLE - STEP DOWN

Model Number	Use With Roof Curb	Use With Model Size
AXB020CSA	AXB020CLA, AXB020CMA, AXB020CHA	24, 30
AXB030CSA	AXB030CLA, AXB030CMA, AXB030CHA	36, 42, 48, 60

ACCESSORIES

ECONOMIZERS (ALL FULLY MODULATING)*

Part Number	Application	Motion	Control	Use With Model Size
AXB020HED	Horizontal	Fully Modulating w/ Return Air Damper w/ Relief Damper	Enthalpy	24, 30
AXB030HED				36, 42, 48, 60
AXB020EMD	Downflow			24, 30
AXB030EME				36, 42, 48, 60
AXB020HPE	Horizontal	Fully Modulating w/ Return Air Damper w/ Relief Damper	Dry Bulb Only	24, 30
AXB030HPE				36, 42, 48, 60
AXB020EPE	Downflow			24, 30
AXB030EPF				36, 42, 48, 60

- * Three position economizers no longer available.
 Economizers for model sizes 24 & 30 include Filters and Filter Racks.
 Economizers for model sizes 36, 42, 48, and 60 do NOT include Filters (Filter Racks shipped with unit).

0% - 25% FRESH AIR DAMPERS (use in DOWNFLOW application only) *

Model Number	Control	Use With Model Size
AXB020FAC	Manual	24, 30
AXB030FAC		36, 42, 48, 60
AXB020FMC	Motorized	24, 30
AXB030FMC		36, 42, 48, 60

- * Unit must have internal filters to protect evaporator coil when Fresh Air Damper is installed.
 Model sizes 24 & 30 shipped WITHOUT Filter Racks or Filters.
 Model sizes 36, 42, 48, and 60 shipped WITH Internal Filter Racks, but WITHOUT Filters.

FILTER RACK and FILTER * inches (mm)

Model Number	Application	Filter Location	Filter Size	Use With Model Size
AXB020FKA	Downflow	Internal	18 x 25 x 1 (457 x 635 x 25)	24, 30
AXB020FHC	Horizontal	External	20 x 25 x 1 (508 x 635 x 25)	

- * Model sizes 24 & 30 shipped WITHOUT Filter Racks or Filters.
 Model sizes 36, 42, 48, and 60 shipped WITH Internal Filter Racks, but WITHOUT Filters.

LOW AMBIENT CONTROL

Model Number	FAST Part Number	Description	Use With Model Size
ALA14CU0A	n/a	Pressure switch cycles condenser fan	ALL
n/a	1148232	Freeze 'stat, opens 30° F, closes 50° F	ALL

COIL PROTECTION

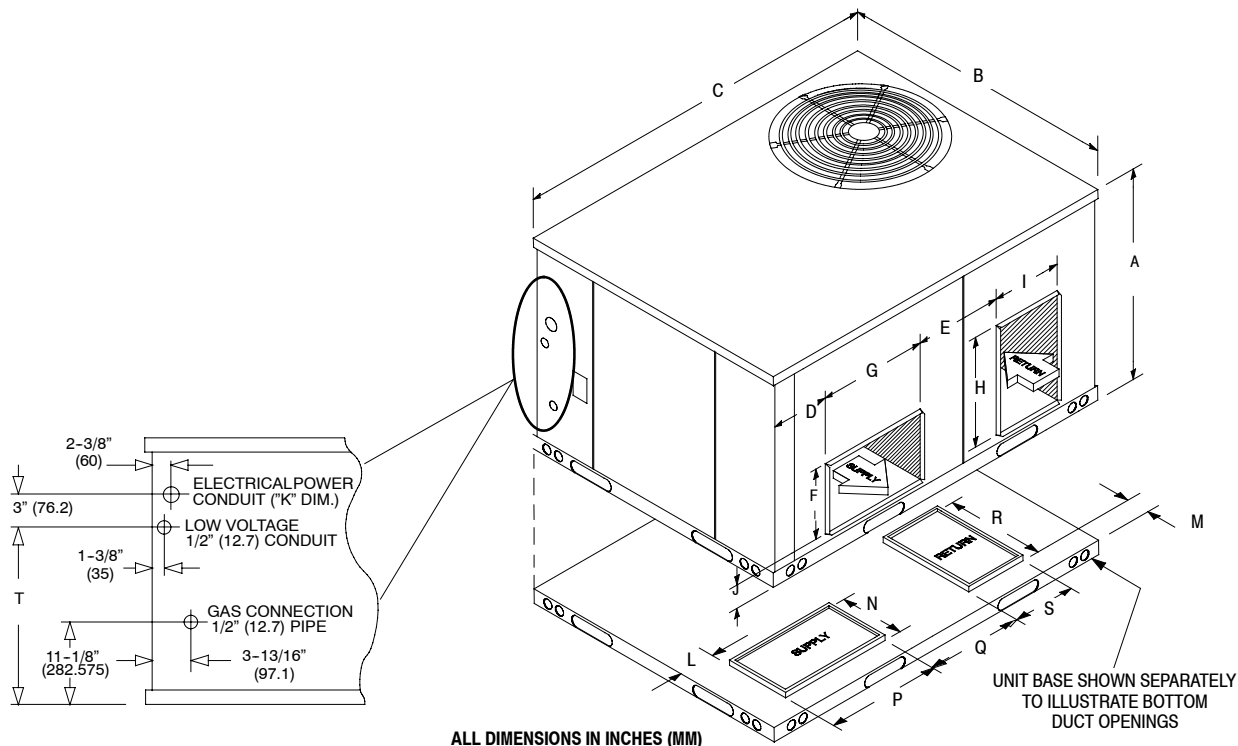
FAST Part Number	Description	Use With Model Size
1149485	Coil Guard, black, two-piece	24, 30
1068133	Hail Guard, black, two-piece	24, 30
1149486	Coil Guard, black, three-piece	36, 42, 48, 60
1068134	Hail Guard, black, three-piece	36, 42, 48, 60

GAS CONVERSION KITS

FAST Part Number	Description	Heat Input (BTUH)	Elevation above Sea Level
1175406	Natural Gas to Propane Gas	40,000 - 120,000	0' - 10,000' ¹
1175405	Propane Gas to Natural Gas		0' - 10,000' ²

- Field-supplied orifices required for elevations of 3,001 to 10,000 ft above sea level.
- Field-supplied orifices required for elevations of 2,001 to 10,000 ft above sea level.

UNIT DIMENSIONS



ALL DIMENSIONS IN INCHES (MM)

UNIT BASE SHOWN SEPARATELY TO ILLUSTRATE BOTTOM DUCT OPENINGS

Model Size (Ton)	A	B	C	D	E	F	G	H	I	J	K	L	M	N**	P**	Q	R	S	T	Bottom L x W* Inside Base Rail
2, 2½	32-1/2 (825)	47-3/8 (1203)	47-3/8 (1203)	3-1/8 (79)	11-1/8 (283)	12 (305)	14-1/4 (362)	14-1/4 (362)	12 (305)	4 (102)	3/4 & 1 (19 & 25)	4-1/4 (108)	4-3/8 (111)	14-1/2 (368)	12-1/4 (311)	12-1/8 (308)	14-1/4 (362)	12-1/4 (311)	21-1/2 (546)	43-1/8 x 43-1/8 (1095 x 1095)
3, 3½	36 (914)	47-3/8 (1203)	73 (1854)	4-5/8 (117)	15 (381)	12 (305)	18-3/4 (476)	18-3/4 (476)	12 (305)	4 (102)	1 & 1-1/4 (25 & 32)	4-1/4 (108)	5-1/4 (133)	12-1/4 (311)	19 (483)	15 (381)	19 (483)	12-1/4 (311)	25-1/16 (637)	68-3/4 x 43-1/8 (1746 x 1095)
4, 5	42 (1067)	47-3/8 (1203)	73 (1854)	4-5/8 (117)	15 (381)	12 (305)	18-3/4 (476)	18-3/4 (476)	12 (305)	4 (102)	1 & 1-1/4 (25 & 32)	4-1/4 (108)	5-1/4 (133)	12-1/4 (311)	19 (483)	15 (381)	19 (483)	12-1/4 (311)	31-1/16 (789)	68-3/4 x 43-1/8 (1746 x 1095)

** The supply opening in the drawing is shown for the orientation in the 3 to 5 Ton units. The opening for the 2 to 2-1/2 Ton units is rotated 90°, so the N and P dimensions are correct.

MODEL NOMENCLATURE

MODEL SERIES	P	G	X	4	36	080	K	00	A	1
P = Package										
G = Gas/Electric										
X = R-410A										
4 = 14										
SEER										
24 = 24,000 BTUH = 2 Tons										
30 = 30,000 BTUH = 3 Tons										
36 = 36,000 BTUH = 3 Tons										
42 = 42,000 BTUH = 3 Tons										
48 = 48,000 BTUH = 4 Tons										
60 = 60,000 BTUH = 5 Tons										
NOMINAL COOLING BTUH										
040 = 40,000										
060 = 60,000										
080 = 80,000										
100 = 100,000										
120 = 120,000										
NOMINAL HEATING BTUH										
K = 208/230-1-60										
VOLTAGE										
00 = Standard										
01 = Low NOx										
SALES MODEL DIGIT										
ENGINEERING DIGIT										
FACTORY INSTALLED OPTIONS										

GUIDE SPECIFICATIONS

CABINET

The cabinet is made of G-90 galvanized steel, phosphate coated with a tough acrylic finish coat for long lasting weatherproof construction. The base rails are 18 gauge steel with fork lift slots and holes provided for lifting shackles. The unit is designed with convertible airflow for either horizontal or downflow applications with conversion accomplished by relocating two panels. Indoor blower compartment interior cabinet surfaces are insulated with a minimum 3/4" thick, flexible glass insulation, coated on the air side. Aluminum foil faced glass fiber insulation is used in the furnace compartment.

COOLING SECTION

The unit is factory charged and operationally ready upon delivery. The unit refrigerant circuit has a high efficiency scroll compressor with internal overload protection, and copper tube / aluminum fin evaporator and condenser coils. The unit is designed for cooling operation to 40° F and will be capable of being wired for field installed economizer type accessories.

COILS

The evaporator and condenser coils are fabricated with aluminum fins mechanically bonded to copper tubing. Both coils are pressure tested prior to assembly into the unit and electronically leak tested after assembly into the unit.

CONDENSER FAN

The unit has a single direct-drive propeller-fan / motor assembly. The assembly is mounted directly to a vertical-discharge grille that is easily removed for service. Motors are 1100 RPM with sleeve or ball bearings and internal overload protection.

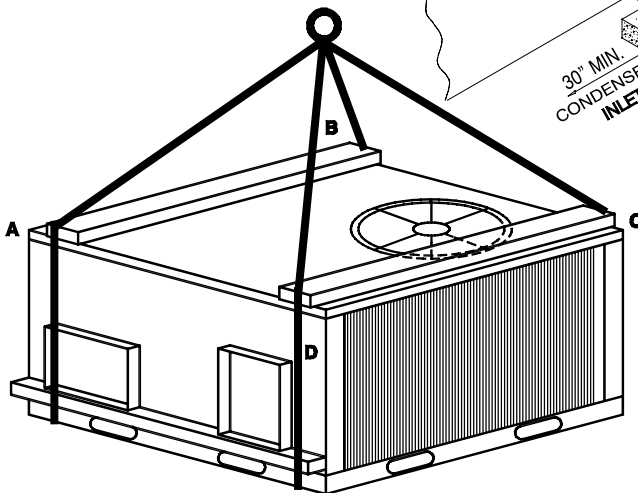
EVAPORATOR BLOWER

All units have a direct-drive high efficiency brushless DC evaporator blower motor as a standard. The direct-drive evaporator blower motor has sleeve bearings and internal overload protection.

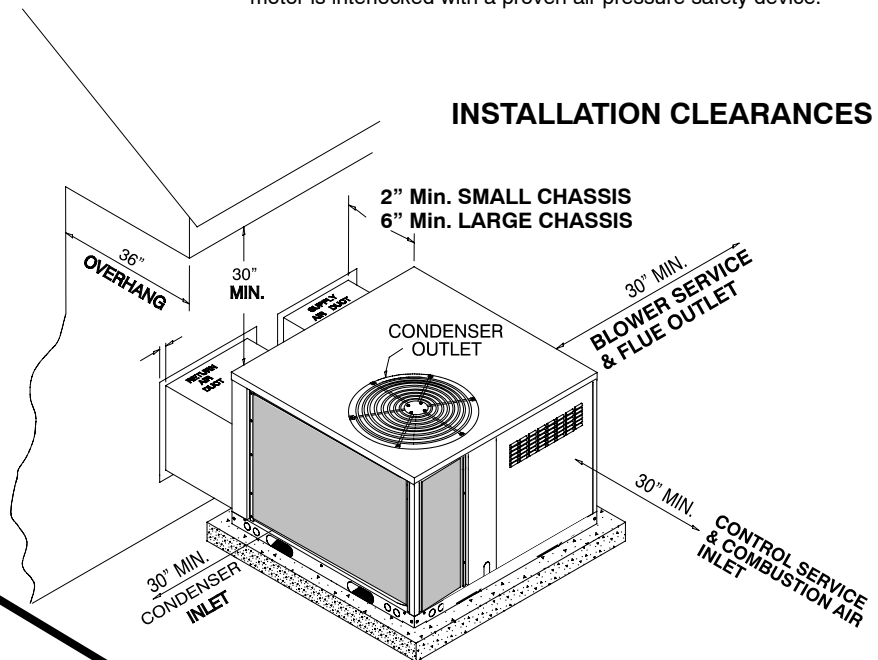
HEATING SECTION

The gas-fired heating section features an induced draft blower for combustion air. The unit has a tubular stainless steel heat exchanger located on the discharge air side of the blower. The system uses in-shot burners ignited by a direct spark ignition system, protected by both a high heat limit switch and flame roll-out switch. The induced draft blower motor is interlocked with a proven air pressure safety device.

RIGGING DETAILS



INSTALLATION CLEARANCES



CORNER WEIGHTS (LBS)

Model	A	B	C	D	OPERATING WEIGHT TOTAL
PGX424040K0*A	83	117	126	93	419
PGX424060K0*A	83	117	126	93	419
PGX430040K0*A	83	117	126	93	419
PGX430060K0*A	83	117	126	93	419
PGX436060K0*A	94	129	138	98	459
PGX436080K0*A	94	129	138	98	459
PGX442080K0*A	119	163	174	123	579
PGX448120K0*A	138	164	177	139	618
PGX448140K0*A	138	164	177	139	618
PGX460120K0*A	143	170	184	144	642
PGX460140K0*A	132	178	186	146	642