



PGX3

Product Specifications

13 SEER R-410A PACKAGE GAS / ELECTRIC UNIT (3 Phase) 3 to 5 Ton

REFRIGERATION CIRCUIT

- All models are equipped with high efficiency 2 stage Copeland scroll compressor.
- Thermostatic Expansion Valve (TXV) controls refrigerant flow.
- High efficiency X-13 indoor motors.
- 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.



EASY TO INSTALL AND SERVICE

- Combination gas heating and electric cooling, self contained for year-round comfort. Systems installed 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 heated air and provide maximum comfort.
- Pre-wired for economizer

WARRANTY

- 10 year limited heat exchanger warranty
- 5 year limited compressor warranty
- 1 year limited parts warranty



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		Voltage/Phase/Hz	Unit Dimensions H x W x L	Ship Weight
	Rated Capacity BTUH	S.E.E.R	E.E.R	S/T Ratio	Input (BTUH)	Efficiency (AFUE%)			
PGX336060H0*A	34,600	13.5	10.0	0.76	60,000	79.2	208/230-3-60	32-1/2 X 47-5/16 X 47-5/16	439
PGX336060L0*A	34,600	13.5	10.0	0.76	60,000	79.2	460-3-60	32-1/2 X 47-5/16 X 47-5/16	439
PGX336080H0*A	34,600	13.5	10.0	0.76	80,000	78.2	208/230-3-60	32-1/2 X 47-5/16 X 47-5/16	441
PGX336080L0*A	34,600	13.5	10.0	0.76	80,000	78.2	460-3-60	32-1/2 X 47-5/16 X 47-5/16	441
PGX336100H0*A	34,600	13.5	10.0	0.76	100,000	78.7	208/230-3-60	32-1/2 X 47-5/16 X 47-5/16	443
PGX336100L0*A	34,600	13.5	10.0	0.76	100,000	78.7	460-3-60	32-1/2 X 47-5/16 X 47-5/16	443
PGX342080H0*A	40,000	13.0	10.0	0.76	80,000	79.6	208/230-3-60	36 X 47-5/16 X 73	612
PGX342080L0*A	40,000	13.0	10.0	0.76	80,000	79.6	460-3-60	36 X 47-5/16 X 73	612
PGX342100H0*A	40,000	13.0	10.0	0.76	100,000	78.7	208/230-3-60	36 X 47-5/16 X 73	614
PGX342100L0*A	40,000	13.0	10.0	0.76	100,000	78.7	460-3-60	36 X 47-5/16 X 73	614
PGX348080H0*A	45,000	13.5	10.2	0.76	80,000	79.6	208/230-3-60	36 X 47-5/16 X 73	618
PGX348080L0*A	45,000	13.5	10.2	0.76	80,000	79.6	460-3-60	36 X 47-5/16 X 73	618
PGX348120H0*A	45,000	13.5	10.2	0.76	120,000	78.8	208/230-3-60	36 X 47-5/16 X 73	619
PGX348120L0*A	45,000	13.5	10.2	0.76	120,000	78.8	460-3-60	36 X 47-5/16 X 73	619
PGX348140H0*A	45,000	13.5	10.2	0.76	140,000	78.1	208/230-3-60	36 X 47-5/16 X 73	620
PGX348140L0*A	45,000	13.5	10.2	0.76	140,000	78.1	460-3-60	36 X 47-5/16 X 73	620
PGX360080H0*A	57,000	13.5	10.0	0.76	80,000	79.6	208/230-3-60	36 X 47-5/16 X 73	628
PGX360080L0*A	57,000	13.5	10.0	0.76	80,000	79.6	460-3-60	36 X 47-5/16 X 73	628
PGX360120H0*A	57,000	13.5	10.0	0.76	120,000	78.8	208/230-3-60	36 X 47-5/16 X 73	631
PGX360120L0*A	57,000	13.5	10.0	0.76	120,000	78.8	460-3-60	36 X 47-5/16 X 73	631
PGX360140H0*A	57,000	13.5	10.0	0.76	140,000	78.1	208/230-3-60	36 X 47-5/16 X 73	632
PGX360140L0*A	57,000	13.5	10.0	0.76	140,000	78.1	460-3-60	36 X 47-5/16 X 73	632

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

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7/30/09

UNIT SPECIFICATIONS

MODEL NUMBER	Electrical Data			Condenser Data								Sound Ratings (db)
				Coil			Fan Motor		Fan			
	Voltage 3 Phase 60 Hz	HACR	Minimum Circuit Ampacity	Total Face Area (Sq. Ft.)	Fins Per In. / Rows	Tube Diameter (In.)	HP	Full Load Amps	Size Diameter (In.)	RPM (Max.)	CFM (Design)	
PGX336060H0*A	208/230	30 amps.	21.3	11.40	18 / 2	3/8	1/4	1.4	20	1100	2200	75
PGX336060L0*A	460	15 amps.	12.4	11.40	18 / 2	3/8	1/4	0.8	20	1100	2200	75
PGX336080H0*A	208/230	30 amps.	21.3	11.40	18 / 2	3/8	1/4	1.4	20	1100	2200	75
PGX336080L0*A	460	15 amps.	12.4	11.40	18 / 2	3/8	1/4	0.8	20	1100	2200	75
PGX336100H0*A	208/230	30 amps.	21.3	11.40	18 / 2	3/8	1/4	1.4	20	1100	2200	75
PGX336100L0*A	460	15 amps.	12.4	11.40	18 / 2	3/8	1/4	0.8	20	1100	2200	75
PGX342080H0*A	208/230	35 amps.	24.2	12.99	18 / 2	3/8	1/4	1.4	22	1100	2200	77
PGX342080L0*A	460	20 amps.	14.4	12.99	18 / 2	3/8	1/4	0.8	22	1100	2200	77
PGX342100H0*A	208/230	35 amps.	24.2	12.99	18 / 2	3/8	1/4	1.4	22	1100	2200	77
PGX342100L0*A	460	20 amps.	14.4	12.99	18 / 2	3/8	1/4	0.8	22	1100	2200	77
PGX348080H0*A	208/230	35 amps.	26.0	12.99	18 / 2	3/8	1/4	1.4	22	1100	2400	77
PGX348080L0*A	460	20 amps.	16.5	12.99	18 / 2	3/8	1/4	0.8	22	1100	2400	77
PGX348120H0*A	208/230	35 amps.	26.0	12.99	18 / 2	3/8	1/4	1.4	22	1100	2400	77
PGX348120L0*A	460	20 amps.	16.5	12.99	18 / 2	3/8	1/4	0.8	22	1100	2400	77
PGX348140H0*A	208/230	35 amps.	26.0	12.99	18 / 2	3/8	1/4	1.4	22	1100	2400	77
PGX348140L0*A	460	20 amps.	16.5	12.99	18 / 2	3/8	1/4	0.8	22	1100	2400	77
PGX360080H0*A	208/230	45 amps.	31.1	17.12	18 / 2	3/8	1/4	1.4	22	1100	3000	78
PGX360080L0*A	460	25 amps.	20.5	17.12	18 / 2	3/8	1/4	1.5	22	1100	3000	78
PGX360120H0*A	208/230	45 amps.	31.1	17.12	18 / 2	3/8	1/4	1.4	22	1100	3000	78
PGX360120L0*A	460	25 amps.	20.5	17.12	18 / 2	3/8	1/4	1.5	22	1100	3000	78
PGX360140H0*A	208/230	45 amps.	31.1	17.12	18 / 2	3/8	1/4	1.4	22	1100	3000	78
PGX360140L0*A	460	25 amps.	20.5	17.12	18 / 2	3/8	1/4	1.5	22	1100	3000	78

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UNIT SPECIFICATIONS (CONT.)

MODEL NUMBER	Evaporator Coil									Scroll Compressor		R-410 Factory Refrigerant Charge (lbs.)	Ship Weight (Lbs.)
	Coil			Motor			Blower			Rated Load Amps	Locked Rotor Amps		
	Total Face Area (Sq. Ft.)	Fins Per In. / Rows	Tube Diam. (In.)	H.P.	Full Load Amps	No. of Speed Taps	Size	RPM (Max)	CFM Rated				
PGX336060H0*A	3.56	14 / 4	3/8	3/4	6.0	4	11 x 9	1050	1200	11.2	58.0	10.2	439
PGX336060L0*A	3.56	14 / 4	3/8	3/4	6.0	4	11 x 9	1050	1200	4.5	29.0	10.2	439
PGX336080H0*A	3.56	14 / 4	3/8	3/4	6.0	4	11 x 9	1050	1200	11.2	58.0	10.2	441
PGX336080L0*A	3.56	14 / 4	3/8	3/4	6.0	4	11 x 9	1050	1200	4.5	29.0	10.2	441
PGX336100H0*A	3.56	14 / 4	3/8	3/4	6.0	4	11 x 9	1050	1200	11.2	58.0	10.2	443
PGX336100L0*A	3.56	14 / 4	3/8	3/4	6.0	4	11 x 9	1050	1200	4.5	29.0	10.2	443
PGX342080H0*A	5.14	14 / 3	3/8	3/4	6.0	5	11 x 9	1050	1400	13.5	88.0	12.7	612
PGX342080L0*A	5.14	14 / 3	3/8	3/4	6.0	5	11 x 9	1050	1400	6.1	44.0	12.7	612
PGX342100H0*A	5.14	14 / 3	3/8	3/4	6.0	5	11 x 9	1050	1400	13.5	88.0	12.7	614
PGX342100L0*A	5.14	14 / 3	3/8	3/4	6.0	5	11 x 9	1050	1400	6.1	44.0	12.7	614
PGX348080H0*A	5.14	14 / 3	3/8	1.0	7.7	5	11 x 10	1050	1600	13.5	88.0	11.8	618
PGX348080L0*A	5.14	14 / 3	3/8	1.0	7.7	5	11 x 10	1050	1600	6.4	41.0	11.8	618
PGX348120H0*A	5.14	14 / 3	3/8	1.0	7.7	5	11 x 10	1050	1600	13.5	88.0	11.8	619
PGX348120L0*A	5.14	14 / 3	3/8	1.0	7.7	5	11 x 10	1050	1600	6.4	41.0	11.8	619
PGX348140H0*A	5.14	14 / 3	3/8	1.0	7.7	5	11 x 10	1050	1600	13.5	88.0	11.8	620
PGX348140L0*A	5.14	14 / 3	3/8	1.0	7.7	5	11 x 10	1050	1600	6.4	41.0	11.8	620
PGX360080H0*A	8.22	14 / 3	3/8	1.0	7.7	5	11 x 10	1050	2000	17.6	123.0	15.00	628
PGX360080L0*A	8.22	14 / 3	3/8	1.0	7.7	5	11 x 10	1050	2000	9.0	62.0	15.00	628
PGX360120H0*A	8.22	14 / 3	3/8	1.0	7.7	5	11 x 10	1050	2000	17.6	123.0	15.00	631
PGX360120L0*A	8.22	14 / 3	3/8	1.0	7.7	5	11 x 10	1050	2000	9.0	62.0	15.00	631
PGX360140H0*A	8.22	14 / 3	3/8	1.0	7.7	5	11 x 10	1050	2000	17.6	123.0	15.00	632
PGX360140L0*A	8.22	14 / 3	3/8	1.0	7.7	5	11 x 10	1050	2000	9.0	62.0	15.00	632

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PGX3 SERIES HEATING CHART

					External Static Pressure (in H ₂ O)															
					1"		2"		3"		4"		5"		6"		7"		8"	
Model	HP	Wattage	Range (F)	HP	CFM	RPM (F)	CFM	RPM (F)	CFM	RPM (F)	CFM	RPM (F)	CFM	RPM (F)	CFM	RPM (F)	CFM	RPM (F)	CFM	RPM (F)
PGX338080	3	80000	35-85	4	1830	NA	1588	NA	1528	NA	1477	NA	1415	NA	1354	NA	1287	35	1216	37
				3	1276	35	1242	38	1209	37	1179	38	1150	39	1117	40	1086	41	1045	43
				2	1028	43	994	45	949	47	913	49	871	51	841	53	792	56	735	60
				1	878	51	841	53	794	56	756	59	694	64	651	NA	592	NA	543	NA
PGX338100	3	80000	35-85	4	1830	38	1588	37	1528	39	1477	40	1415	42	1354	44	1287	46	1216	49
				3	1276	46	1242	48	1209	49	1179	50	1150	52	1117	53	1086	55	1045	57
				2	1028	58	994	60	949	62	913	65	871	NA	841	NA	792	NA	735	NA
				1	878	NA	841	NA	794	NA	756	NA	694	NA	651	NA	592	NA	543	NA
PG F342080	3.5	80000	35-85	5	1589	38	1537	39	1500	40	1463	41	1423	42	1389	43	1353	44	1317	45
				4	1481	40	1448	41	1412	42	1374	43	1336	44	1298	46	1263	47	1226	48
				3	1302	46	1260	47	1219	49	1179	50	1138	52	1103	54	1068	56	1015	58
				2	1170	51	1129	52	1088	54	1050	56	1007	59	965	62	912	65	866	NA
PGX342100	3.5	100000	35-85	5	1589	47	1537	48	1500	49	1463	51	1423	52	1389	53	1353	55	1317	56
				4	1481	50	1448	51	1412	52	1374	54	1336	55	1298	57	1263	59	1226	60
				3	1302	57	1260	59	1219	61	1179	63	1138	65	1103	NA	1060	NA	1015	NA
				2	1170	63	1129	NA	1088	NA	1050	NA	1007	NA	965	NA	912	NA	866	NA
PGX348080	4	80000	35-85	5	2103	NA	2051	NA	2001	NA	1942	NA	1878	NA	1809	NA	1723	NA	1632	NA
				4	1831	NA	1797	NA	1763	NA	1732	NA	1698	35	1661	36	1621	37	1589	38
				3	1680	35	1650	36	1614	37	1578	38	1544	39	1507	39	1470	40	1427	42
				2	1304	45	1266	47	1218	49	1167	51	1126	53	1077	55	1026	58	979	61
PGX348120	4	120000	35-85	5	2103	51	2051	53	2001	55	1942	58	1878	60	1809	64	1723	68	1632	72
				4	1831	49	1797	49	1763	50	1732	51	1698	52	1661	54	1621	55	1589	57
				3	1680	53	1650	54	1614	55	1578	56	1544	58	1507	59	1470	60	1427	62
				2	1304	NA	1266	NA	1218	NA	1167	NA	1126	NA	1077	NA	1026	NA	979	NA
PGX348140	4	140000	35-85	5	2103	NA	2051	NA	2001	NA	1942	NA	1878	NA	1809	NA	1723	NA	1632	NA
				4	1831	57	1797	58	1763	59	1732	60	1698	61	1661	62	1621	64	1589	66
				3	1680	62	1650	63	1614	64	1578	65	1544	66	1507	67	1470	68	1427	70
				2	1304	NA	1266	NA	1218	NA	1167	NA	1126	NA	1077	NA	1026	NA	979	NA
PGX380080	5	80000	35-85	5	2188	NA	2140	NA	2098	NA	2039	NA	1974	NA	1905	NA	1827	NA	1745	NA
				4	2091	NA	2056	NA	2023	NA	1987	NA	1935	NA	1878	NA	1811	NA	1729	NA
				3	1839	NA	1807	NA	1772	NA	1735	NA	1702	35	1667	36	1629	38	1590	37
				2	1393	43	1356	44	1313	45	1280	46	1236	48	1184	50	1130	52	1086	55
PGX380120	5	120000	35-85	5	2188	41	2140	42	2098	42	2039	44	1974	45	1905	47	1827	49	1745	51
				4	2091	43	2056	43	2023	44	1987	45	1935	46	1878	47	1811	49	1729	51
				3	1839	48	1807	49	1772	50	1735	51	1702	52	1667	53	1629	55	1590	56
				2	1393	64	1356	NA	1313	NA	1280	NA	1236	NA	1184	NA	1130	NA	1086	NA
PGX380140	5	140000	35-85	5	2188	NA	2140	NA	2098	NA	2039	NA	1974	NA	1905	NA	1827	NA	1745	NA
				4	2091	50	2056	50	2023	51	1987	52	1935	54	1878	55	1811	57	1729	60
				3	1839	56	1807	57	1772	59	1735	60	1702	61	1667	62	1629	64	1590	65
				2	1393	NA	1356	NA	1313	NA	1280	NA	1236	NA	1184	NA	1130	NA	1086	NA

NA = Not Allowed for Heating Speed.

BLOWER PERFORMANCE DATA

Model Number		PGX338					PGX342					PGX348					PGX380				
Torque (oz. Ft.)		18.69	24.00	34.36	62.84	-	18.08	23.08	34.12	41.83	44.00	28.88	32.00	61.14	68.82	80.00	30.12	31.08	66.84	73.10	80.00
Speed Tap		1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Air Delivery In CFM @ Varying External Static Pressure (in. w.g.)	0.1	876	1026	1276	1630	-	973	1028	1302	1481	1589	1173	1304	1680	1831	2103	1300	1388	1839	2091	2188
	0.2	841	994	1242	1588	-	900	969	1260	1448	1537	1127	1256	1650	1797	2051	1263	1321	1807	2056	2140
	0.3	794	949	1209	1528	-	853	924	1219	1412	1500	1085	1216	1614	1763	2001	1214	1283	1772	2023	2096
	0.4	756	913	1179	1477	-	797	881	1179	1374	1463	1027	1167	1578	1732	1942	1169	1231	1735	1987	2039
	0.5	694	871	1150	1415	-	749	838	1138	1336	1423	983	1126	1544	1698	1878	1117	1197	1702	1935	1974
	0.6	651	841	1117	1354	-	702	789	1103	1298	1389	927	1077	1507	1661	1809	1073	1144	1667	1878	1905
	0.7	598	793	1086	1287	-	642	731	1060	1263	1353	881	1026	1470	1621	1723	1026	1106	1629	1811	1827
	0.8	543	735	1045	1216	-	581	680	1015	1226	1317	821	979	1427	1569	1632	975	1038	1590	1729	1745
	0.9	499	683	998	1146	-	529	617	963	1186	1276	764	921	1373	1446	1526	926	969	1535	1640	1642
	1	464	638	946	1070	-	476	562	923	1143	1208	710	875	1289	1339	1388	882	913	1460	1536	1537

Notes: Air Delivery @ listed external static pressure are taken at 230 volts with Dry coil, no filter and approved heater.
For wet coil add .05 in. wc. to Static Pressure measurement. Note for 208 Volts applications, reduce air flow by 19%.

EXPANDED PERFORMANCE DATA: COOLING

PGX336 (High Stage)

OD Ambient (°F)	ID Airflow (SCFM)	1030					1200					1350				
		Entering Indoor Temperature – Degrees F, Wet Bulb														
		57	62	63++	67	72	57	62	63++	67	72	57	62	63++	67	72
75	MBh ⁺	35.8	37.2	37.9	41.0	45.1	37.6	38.3	38.9	42.0	46.2	39.1	39.3	39.7	42.9	47.1
	S/T	0.98	0.91	0.72	0.69	0.51	0.98	0.95	0.75	0.73	0.52	0.98	0.99	0.79	0.76	0.54
	kW*	2.40	2.41	2.42	2.44	2.47	2.56	2.57	2.58	2.60	2.63	2.73	2.73	2.73	2.76	2.79
85	MBh ⁺	34.4	35.4	36.0	39.0	43.0	36.1	36.5	36.9	39.9	44.0	37.5	37.6	37.7	40.7	44.8
	S/T	0.98	0.93	0.74	0.71	0.51	0.98	0.98	0.77	0.74	0.53	0.98	0.98	0.81	0.78	0.55
	kW*	2.69	2.70	2.70	2.73	2.76	2.85	2.85	2.86	2.89	2.92	3.01	3.01	3.01	3.04	3.08
95	MBh ⁺	33.0	33.6	34.1	36.9	40.7	34.5	34.6	34.9	37.8	41.7	35.9	35.9	35.6	38.5	42.4
	S/T	0.98	0.96	0.75	0.73	0.52	0.98	0.98	0.79	0.76	0.54	0.98	0.98	0.83	0.80	0.56
	kW*	2.99	3.00	3.01	3.04	3.07	3.16	3.16	3.17	3.19	3.23	3.32	3.32	3.32	3.35	3.39
105	MBh ⁺	31.4	31.7	32.1	34.8	38.4	32.9	32.9	32.9	35.6	39.3	34.1	34.2	33.5	36.3	39.9
	S/T	0.98	0.98	0.77	0.74	0.53	0.98	0.98	0.81	0.79	0.55	0.98	0.98	0.85	0.83	0.57
	kW*	3.33	3.33	3.34	3.37	3.41	3.50	3.50	3.50	3.53	3.57	3.66	3.66	3.65	3.68	3.72
115	MBh ⁺	29.8	29.8	30.0	32.6	36.0	31.1	31.2	30.7	33.3	36.8	32.3	32.3	31.2	33.9	37.3
	S/T	0.98	0.98	0.80	0.77	0.54	0.98	0.98	0.84	0.81	0.57	0.98	0.98	0.88	0.86	0.59
	kW*	3.69	3.69	3.70	3.73	3.77	3.86	3.86	3.85	3.89	3.93	4.02	4.02	4.01	4.04	4.08
125	MBh ⁺	28.0	28.1	27.8	30.2	33.5	29.3	29.3	28.4	30.9	34.1	30.3	30.4	28.9	31.4	34.6
	S/T	0.98	0.98	0.83	0.80	0.56	0.98	0.98	0.87	0.85	0.58	0.98	0.98	0.92	0.89	0.61
	kW*	4.08	4.08	4.08	4.11	4.15	4.25	4.25	4.23	4.27	4.31	4.41	4.41	4.39	4.43	4.47

PGX336 (Low Stage)

OD Ambient (°F)	ID Airflow (SCFM)	750					850					950				
		Entering Indoor Temperature – Degrees F, Wet Bulb														
		57	62	63++	67	72	57	62	63++	67	72	57	62	63++	67	72
75	MBh ⁺	25.2	26.0	26.5	28.8	31.9	26.4	26.8	27.2	29.5	32.7	27.5	27.6	27.8	30.2	33.3
	S/T	0.98	0.92	0.73	0.71	0.51	0.98	0.97	0.77	0.74	0.53	0.98	0.98	0.80	0.77	0.55
	kW*	1.23	1.19	1.17	1.07	0.94	1.20	1.18	1.17	1.07	0.93	1.18	1.17	1.17	1.06	0.92
85	MBh ⁺	24.1	24.6	25.0	27.2	30.2	25.2	25.3	25.6	27.9	30.9	26.2	26.3	26.2	28.4	31.5
	S/T	0.98	0.95	0.75	0.72	0.52	0.98	0.99	0.79	0.76	0.54	0.98	0.98	0.82	0.79	0.56
	kW*	1.48	1.46	1.44	1.34	1.22	1.45	1.45	1.44	1.34	1.21	1.44	1.43	1.44	1.34	1.21
95	MBh ⁺	22.9	23.1	23.5	25.6	28.4	24.0	24.0	24.1	26.2	29.1	24.9	25.0	24.5	26.7	29.6
	S/T	0.98	0.98	0.77	0.74	0.53	0.98	0.98	0.81	0.78	0.55	0.98	0.98	0.84	0.82	0.57
	kW*	1.75	1.74	1.73	1.64	1.51	1.73	1.73	1.73	1.64	1.51	1.72	1.72	1.73	1.64	1.51
105	MBh ⁺	21.7	21.8	22.0	24.0	26.6	22.7	22.8	22.5	24.5	27.2	23.6	23.6	22.9	24.9	27.7
	S/T	0.98	0.98	0.80	0.77	0.54	0.98	0.98	0.84	0.81	0.56	0.98	0.98	0.87	0.85	0.59
	kW*	2.05	2.05	2.04	1.96	1.84	2.03	2.03	2.05	1.96	1.84	2.02	2.02	2.05	1.96	1.84
115	MBh ⁺	20.5	20.5	20.4	22.3	24.8	21.4	21.4	20.8	22.7	25.3	22.2	22.2	21.2	23.1	25.7
	S/T	0.98	0.98	0.82	0.79	0.56	0.98	0.98	0.87	0.84	0.58	0.98	0.98	0.91	0.88	0.61
	kW*	2.38	2.37	2.38	2.30	2.19	2.36	2.36	2.39	2.30	2.19	2.35	2.35	2.40	2.31	2.19
125	MBh ⁺	19.2	19.2	18.7	20.5	22.8	20.0	20.0	19.1	20.9	23.3	20.7	20.8	19.5	21.3	23.6
	S/T	0.98	0.98	0.86	0.83	0.57	0.98	0.98	0.91	0.88	0.60	0.98	0.98	0.95	0.92	0.63
	kW*	2.73	2.72	2.74	2.67	2.56	2.71	2.71	2.75	2.68	2.57	2.71	2.71	2.76	2.68	2.57

Notes: When the required data fall between the published data, interpolation may be performed. Extrapolation is not an acceptable practice.

*Total capacities are net capacities. Blower heat has been subtracted.

++ At TVA rating indoor condition (75 F db/ 63 F wb), All other indoor air temperatures are at 80 F db

* System kW is total unit kW

Standard Rating =

S/T are based on 80°F db entering air at the indoor coil. For sensible capacities at other than 80°F db, deduct 83° Btuh per 1000 cfm of indoor coil air from (MBh x S/T) for each degree below 80°F, or add 835 Btuh per 1000 cfm of indoor coil air from (MBh x S/T) for each degree above 80°F.

EXPANDED PERFORMANCE DATA: COOLING

PGX342 (High Stage)

OD Ambient (°F)	ID Airflow (SCFM)	1225					1400					1575				
		Entering Indoor Temperature – Degrees F, Wet Bulb														
		57	62	63++	67	72	57	62	63++	67	72	57	62	63++	67	72
75	MBh ⁺	41.3	42.5	43.2	46.5	50.7	43.2	43.7	44.3	47.6	51.8	44.9	44.9	45.2	48.4	52.7
	S/T	0.98	0.92	0.73	0.70	0.51	0.98	0.97	0.76	0.74	0.53	0.98	0.98	0.80	0.78	0.55
	kW*	2.80	2.81	2.82	2.85	2.89	2.92	2.92	2.93	2.96	3.01	2.99	2.99	3.00	3.03	3.08
85	MBh ⁺	39.7	40.6	41.3	44.4	48.4	41.6	41.7	42.2	45.4	49.4	43.1	43.2	43.0	46.1	50.1
	S/T	0.98	0.94	0.74	0.72	0.52	0.98	0.99	0.78	0.76	0.54	0.98	0.98	0.82	0.79	0.56
	kW*	3.08	3.09	3.10	3.13	3.17	3.20	3.20	3.21	3.24	3.29	3.28	3.28	3.27	3.31	3.35
95	MBh ⁺	38.1	38.6	39.2	42.1	45.9	39.8	39.9	40.0	43.0	46.8	41.2	41.3	40.7	43.7	47.4
	S/T	0.98	0.97	0.76	0.73	0.53	0.98	0.98	0.80	0.78	0.55	0.98	0.98	0.84	0.82	0.57
	kW*	3.39	3.40	3.40	3.44	3.48	3.51	3.51	3.51	3.55	3.59	3.58	3.59	3.58	3.61	3.66
105	MBh ⁺	36.4	36.5	37.0	39.7	43.3	37.9	38.0	37.7	40.5	44.0	39.2	39.3	38.4	41.1	44.6
	S/T	0.98	0.99	0.78	0.75	0.54	0.98	0.98	0.82	0.80	0.56	0.98	0.98	0.87	0.84	0.59
	kW*	3.73	3.73	3.74	3.77	3.82	3.85	3.85	3.85	3.88	3.93	3.92	3.93	3.91	3.95	4.00
115	MBh ⁺	34.4	34.5	34.6	37.1	40.4	35.8	35.9	35.3	37.8	41.1	37.0	37.1	35.8	38.4	41.6
	S/T	0.98	0.98	0.80	0.78	0.55	0.98	0.98	0.85	0.83	0.58	0.98	0.98	0.90	0.88	0.61
	kW*	4.10	4.10	4.10	4.14	4.18	4.22	4.22	4.21	4.25	4.29	4.29	4.29	4.28	4.31	4.36
125	MBh ⁺	32.3	32.3	31.9	34.3	37.2	33.5	33.6	32.5	34.9	37.7	34.5	34.6	33.0	35.3	38.2
	S/T	0.98	0.98	0.84	0.81	0.57	0.98	0.98	0.89	0.87	0.60	0.98	0.98	0.94	0.92	0.63
	kW*	4.50	4.50	4.49	4.53	4.57	4.61	4.62	4.60	4.64	4.68	4.69	4.69	4.67	4.70	4.74

PGX342 (Low Stage)

OD Ambient (°F)	ID Airflow (SCFM)	800					900					1000				
		Entering Indoor Temperature – Degrees F, Wet Bulb														
		57	62	63++	67	72	57	62	63++	67	72	57	62	63++	67	72
75	MBh ⁺	30.7	31.4	32.0	34.7	38.4	32.1	32.3	32.8	35.6	39.3	33.3	33.4	33.4	36.3	40.0
	S/T	0.98	0.94	0.75	0.72	0.52	0.98	0.99	0.78	0.75	0.54	0.98	0.98	0.81	0.78	0.55
	kW*	1.35	1.32	1.29	1.16	0.99	1.31	1.30	1.28	1.15	0.97	1.29	1.29	1.28	1.15	0.97
85	MBh ⁺	29.3	29.6	30.2	32.8	36.3	30.6	30.6	30.9	33.5	37.1	31.7	31.8	31.5	34.1	37.7
	S/T	0.98	0.97	0.77	0.74	0.53	0.98	0.98	0.80	0.77	0.55	0.98	0.98	0.83	0.80	0.57
	kW*	1.65	1.64	1.61	1.49	1.33	1.62	1.61	1.60	1.48	1.31	1.60	1.60	1.61	1.49	1.32
95	MBh ⁺	27.8	27.9	28.3	30.8	34.1	29.0	29.1	28.9	31.5	34.8	30.1	30.2	29.5	32.0	35.4
	S/T	0.98	0.98	0.79	0.76	0.54	0.98	0.98	0.82	0.79	0.56	0.98	0.98	0.86	0.83	0.58
	kW*	1.98	1.98	1.96	1.85	1.69	1.95	1.95	1.96	1.84	1.68	1.94	1.93	1.97	1.85	1.69
105	MBh ⁺	26.3	26.4	26.4	28.8	31.9	27.5	27.5	26.9	29.4	32.5	28.5	28.5	27.4	29.9	33.0
	S/T	0.98	0.98	0.81	0.78	0.55	0.98	0.98	0.85	0.82	0.58	0.98	0.98	0.89	0.86	0.60
	kW*	2.34	2.34	2.34	2.23	2.08	2.31	2.31	2.34	2.22	2.07	2.30	2.30	2.35	2.24	2.08
115	MBh ⁺	24.8	24.8	24.4	26.7	29.6	25.8	25.9	24.9	27.2	30.2	26.7	26.8	25.4	27.6	30.6
	S/T	0.98	0.98	0.85	0.81	0.57	0.98	0.98	0.89	0.86	0.59	0.98	0.98	0.93	0.90	0.62
	kW*	2.73	2.72	2.74	2.64	2.50	2.70	2.70	2.75	2.64	2.50	2.70	2.70	2.76	2.66	2.51
125	MBh ⁺	23.1	23.2	22.4	24.5	27.2	24.1	24.1	22.8	24.9	27.7	24.9	24.9	23.2	25.3	28.1
	S/T	0.98	0.98	0.88	0.85	0.59	0.98	0.98	0.93	0.90	0.62	0.98	0.98	0.98	0.95	0.64
	kW*	3.15	3.14	3.18	3.09	2.95	3.13	3.13	3.19	3.09	2.95	3.12	3.12	3.20	3.10	2.97

Notes: When the required data fall between the published data, interpolation may be performed. Extrapolation is not an acceptable practice.

+Total capacities are net capacities. Blower heat has been subtracted.

++ At TVA rating indoor condition (75 F db/ 63 F wb), All other indoor air temperatures are at 80 F db

* System kW is total unit kW

Standard Rating =

S/T are based on 80°F db entering air at the indoor coil. For sensible capacities at other than 80°F db, deduct 83° Btuh per 1000 cfm of indoor coil air from (MBh x S/T) for each degree below 80°F, or add 835 Btuh per 1000 cfm of indoor coil air from (MBh x S/T) for each degree above 80°F.

EXPANDED PERFORMANCE DATA: COOLING

PGX348 (High Stage)

OD Ambient (°F)	ID Airflow (SCFM)	1400					1600					1800				
		Entering Indoor Temperature – Degrees F, Wet Bulb														
		57	62	63++	67	72	57	62	63++	67	72	57	62	63++	67	72
75	MBh ⁺	47.6	49.0	49.8	53.7	58.7	49.9	50.4	51.0	54.9	60.0	51.8	51.9	52.0	56.0	61.1
	S/T	0.98	0.93	0.73	0.71	0.51	0.98	0.98	0.77	0.74	0.53	0.98	0.98	0.80	0.78	0.55
	kW*	3.53	3.55	3.56	3.60	3.67	3.68	3.69	3.70	3.75	3.81	3.83	3.83	3.83	3.88	3.94
85	MBh ⁺	45.8	46.8	47.5	51.3	56.1	48.0	48.2	48.7	52.4	57.3	49.8	49.9	49.6	53.4	58.2
	S/T	0.98	0.95	0.75	0.72	0.52	0.98	0.98	0.78	0.76	0.54	0.98	0.98	0.82	0.80	0.56
	kW*	3.86	3.87	3.88	3.93	4.00	4.02	4.02	4.03	4.08	4.14	4.16	4.16	4.16	4.21	4.28
95	MBh ⁺	44.0	44.5	45.2	48.8	53.4	46.0	46.1	46.2	49.8	54.5	47.7	47.8	47.1	50.7	55.3
	S/T	0.98	0.97	0.76	0.74	0.53	0.98	0.98	0.80	0.78	0.55	0.98	0.98	0.84	0.82	0.57
	kW*	4.22	4.23	4.24	4.30	4.36	4.38	4.38	4.39	4.44	4.51	4.53	4.53	4.52	4.57	4.64
105	MBh ⁺	42.1	42.2	42.7	46.2	50.5	44.0	44.0	43.7	47.1	51.5	45.5	45.6	44.5	47.9	52.3
	S/T	0.98	0.98	0.78	0.76	0.54	0.98	0.98	0.83	0.80	0.56	0.98	0.98	0.87	0.84	0.58
	kW*	4.62	4.63	4.64	4.69	4.76	4.78	4.78	4.78	4.84	4.90	4.93	4.93	4.91	4.97	5.03
115	MBh ⁺	40.0	40.1	40.2	43.4	47.5	41.7	41.8	41.0	44.2	48.3	43.2	43.2	41.7	44.9	49.0
	S/T	0.98	0.98	0.81	0.78	0.55	0.98	0.98	0.85	0.83	0.57	0.98	0.98	0.90	0.87	0.60
	kW*	5.06	5.06	5.06	5.12	5.19	5.22	5.22	5.21	5.26	5.33	5.36	5.36	5.34	5.39	5.46
125	MBh ⁺	37.8	37.8	37.4	40.3	44.1	39.3	39.4	38.1	41.0	44.8	40.6	40.6	38.7	41.7	45.3
	S/T	0.98	0.98	0.83	0.81	0.56	0.98	0.98	0.88	0.86	0.59	0.98	0.98	0.93	0.91	0.62
	kW*	5.54	5.54	5.53	5.58	5.65	5.69	5.69	5.67	5.73	5.79	5.83	5.84	5.80	5.86	5.92

PGX348 (Low Stage)

OD Ambient (°F)	ID Airflow (SCFM)	950					1100					1250				
		Entering Indoor Temperature – Degrees F, Wet Bulb														
		57	62	63++	67	72	57	62	63++	67	72	57	62	63++	67	72
75	MBh ⁺	33.7	35.0	35.6	38.6	42.6	35.7	36.2	36.7	39.8	43.8	37.3	37.4	37.6	40.7	44.8
	S/T	0.98	0.92	0.73	0.70	0.51	0.98	0.97	0.76	0.73	0.53	0.98	0.98	0.80	0.77	0.55
	kW*	2.03	2.00	1.99	1.92	1.82	2.01	2.00	1.99	1.91	1.81	2.03	2.03	2.03	1.95	1.85
85	MBh ⁺	32.4	33.2	33.9	36.8	40.6	34.2	34.4	34.9	37.8	41.7	35.8	35.8	35.7	38.7	42.6
	S/T	0.98	0.94	0.74	0.71	0.52	0.98	0.99	0.78	0.75	0.54	0.98	0.98	0.82	0.79	0.56
	kW*	2.33	2.31	2.29	2.22	2.13	2.31	2.31	2.29	2.22	2.13	2.33	2.33	2.33	2.26	2.16
95	MBh ⁺	31.0	31.5	32.1	34.8	38.5	32.7	32.8	33.0	35.8	39.6	34.2	34.3	33.7	36.6	40.3
	S/T	0.98	0.97	0.76	0.73	0.53	0.98	0.98	0.80	0.77	0.55	0.98	0.98	0.84	0.81	0.57
	kW*	2.65	2.64	2.63	2.56	2.47	2.64	2.64	2.63	2.57	2.47	2.66	2.66	2.68	2.61	2.51
105	MBh ⁺	29.6	29.7	30.2	32.9	36.4	31.2	31.3	31.1	33.8	37.3	32.6	32.6	31.7	34.5	38.0
	S/T	0.98	0.99	0.78	0.75	0.53	0.98	0.98	0.82	0.80	0.56	0.98	0.98	0.87	0.84	0.58
	kW*	3.01	3.01	3.00	2.94	2.85	3.00	3.00	3.00	2.94	2.85	3.03	3.03	3.05	2.99	2.89
115	MBh ⁺	28.1	28.1	28.3	30.8	34.2	29.6	29.7	29.1	31.6	35.0	30.9	30.9	29.7	32.3	35.6
	S/T	0.98	0.98	0.80	0.77	0.55	0.98	0.98	0.85	0.82	0.57	0.98	0.98	0.90	0.87	0.60
	kW*	3.41	3.41	3.41	3.35	3.27	3.40	3.40	3.42	3.36	3.27	3.43	3.43	3.46	3.40	3.32
125	MBh ⁺	26.5	26.6	26.3	28.7	31.8	27.9	27.9	27.0	29.4	32.5	29.0	29.1	27.5	30.0	33.1
	S/T	0.98	0.98	0.83	0.80	0.56	0.98	0.98	0.89	0.86	0.59	0.98	0.98	0.94	0.91	0.62
	kW*	3.85	3.85	3.86	3.81	3.73	3.85	3.85	3.87	3.82	3.73	3.88	3.88	3.92	3.86	3.78

Notes: When the required data fall between the published data, interpolation may be performed. Extrapolation is not an acceptable practice.

*Total capacities are net capacities. Blower heat has been subtracted.

++ At TVA rating indoor condition (75 F db/ 63 F wb), All other indoor air temperatures are at 80 F db

* System kW is total unit kW

Standard Rating =

S/T are based on 80°F db entering air at the indoor coil. For sensible capacities at other than 80°F db, deduct 83° Btuh per 1000 cfm of indoor coil air from (MBh x S/T) for each degree below 80°F, or add 835 Btuh per 1000 cfm of indoor coil air from (MBh x S/T) for each degree above 80°F.

EXPANDED PERFORMANCE DATA: COOLING

PGX360 (High Stage)

OD Ambient (°F)	ID Airflow (SCFM)	1750					2000					2250				
		Entering Indoor Temperature – Degrees F, Wet Bulb														
		57	62	63++	67	72	57	62	63++	67	72	57	62	63++	67	72
75	MBh ⁺	60.5	62.0	63.0	67.2	72.8	63.2	63.6	64.4	68.6	74.1	65.4	65.5	65.5	69.7	75.2
	S/T	0.98	0.93	0.73	0.71	0.51	0.98	0.99	0.77	0.75	0.53	0.98	0.98	0.81	0.79	0.56
	kW*	4.77	4.79	4.81	4.89	5.01	5.08	5.08	5.10	5.18	5.30	5.26	5.26	5.26	5.34	5.46
85	MBh ⁺	58.2	59.1	60.0	64.0	69.2	60.6	60.7	61.2	65.3	70.5	62.7	62.8	62.3	66.3	71.4
	S/T	0.98	0.96	0.75	0.73	0.52	0.98	0.98	0.79	0.77	0.54	0.98	0.98	0.83	0.81	0.57
	kW*	5.22	5.23	5.25	5.34	5.45	5.53	5.53	5.54	5.62	5.73	5.71	5.71	5.70	5.78	5.90
95	MBh ⁺	55.6	56.0	56.8	60.6	65.6	57.9	58.0	57.9	61.7	66.6	59.8	59.9	58.8	62.6	67.5
	S/T	0.98	0.98	0.77	0.74	0.53	0.98	0.98	0.81	0.79	0.55	0.98	0.98	0.85	0.83	0.58
	kW*	5.71	5.71	5.73	5.81	5.92	6.01	6.02	6.01	6.10	6.21	6.20	6.20	6.17	6.26	6.37
105	MBh ⁺	52.9	52.9	53.4	57.0	61.6	55.0	55.0	54.4	58.0	62.5	56.7	56.7	55.3	58.8	63.3
	S/T	0.98	0.98	0.79	0.77	0.54	0.98	0.98	0.83	0.81	0.57	0.98	0.98	0.88	0.86	0.60
	kW*	6.23	6.23	6.24	6.33	6.43	6.54	6.54	6.53	6.61	6.72	6.72	6.72	6.69	6.77	6.88
115	MBh ⁺	49.8	49.9	49.7	53.0	57.2	51.7	51.7	50.6	53.9	58.0	53.2	53.3	51.3	54.6	58.6
	S/T	0.98	0.98	0.81	0.79	0.55	0.98	0.98	0.87	0.85	0.59	0.98	0.98	0.92	0.90	0.62
	kW*	6.80	6.79	6.79	6.87	6.97	7.10	7.10	7.07	7.15	7.25	7.28	7.28	7.23	7.31	7.41
125	MBh ⁺	46.3	46.4	45.6	48.5	52.3	47.9	48.0	46.3	49.3	52.9	49.2	49.3	47.0	49.9	53.5
	S/T	0.98	0.98	0.85	0.83	0.57	0.98	0.98	0.91	0.89	0.61	0.98	0.98	0.96	0.95	0.64
	kW*	7.39	7.39	7.37	7.44	7.54	7.69	7.69	7.65	7.72	7.81	7.86	7.86	7.80	7.88	7.97

PGX360 (Low Stage)

OD Ambient (°F)	ID Airflow (SCFM)	1125					1300					1475				
		Entering Indoor Temperature – Degrees F, Wet Bulb														
		57	62	63 ⁺⁺	67	72	57	62	63 ⁺⁺	67	72	57	62	63 ⁺⁺	67	72
75	MBh ⁺	42.6	44.2	45.0	48.2	52.4	44.8	45.5	46.3	49.5	53.7	46.7	46.8	47.2	50.5	54.6
	S/T	0.98	0.91	0.72	0.70	0.51	0.98	0.96	0.76	0.73	0.53	0.98	0.98	0.79	0.77	0.55
	kW*	2.85	2.83	2.82	2.78	2.74	2.87	2.86	2.86	2.82	2.78	2.90	2.90	2.90	2.86	2.81
85	MBh ⁺	41.0	42.2	43.0	46.0	50.0	43.1	43.4	44.1	47.2	51.1	44.9	44.9	45.0	48.0	52.0
	S/T	0.98	0.93	0.74	0.71	0.52	0.98	0.98	0.77	0.75	0.54	0.98	0.98	0.81	0.79	0.56
	kW*	3.24	3.23	3.22	3.18	3.14	3.26	3.26	3.25	3.22	3.17	3.30	3.30	3.30	3.26	3.21
95	MBh ⁺	39.4	40.1	40.8	43.7	47.4	41.3	41.4	41.8	44.7	48.4	42.9	43.0	42.6	45.5	49.2
	S/T	0.98	0.95	0.75	0.73	0.53	0.98	0.98	0.79	0.77	0.55	0.98	0.98	0.83	0.81	0.57
	kW*	3.67	3.66	3.65	3.62	3.57	3.70	3.70	3.69	3.65	3.61	3.73	3.73	3.73	3.69	3.65
105	MBh ⁺	37.6	37.9	38.5	41.2	44.7	39.3	39.4	39.4	42.1	45.6	40.8	40.9	40.1	42.8	46.3
	S/T	0.98	0.98	0.77	0.75	0.54	0.98	0.98	0.81	0.79	0.56	0.98	0.98	0.86	0.84	0.59
	kW*	4.14	4.14	4.13	4.09	4.04	4.17	4.17	4.17	4.13	4.08	4.20	4.20	4.21	4.17	4.12
115	MBh ⁺	35.6	35.6	36.0	38.5	41.8	37.2	37.2	36.8	39.3	42.6	38.5	38.6	37.4	40.0	43.2
	S/T	0.98	0.98	0.79	0.77	0.55	0.98	0.98	0.84	0.82	0.58	0.98	0.98	0.89	0.87	0.61
	kW*	4.65	4.65	4.64	4.61	4.55	4.68	4.68	4.68	4.64	4.59	4.71	4.71	4.72	4.68	4.63
125	MBh ⁺	33.3	33.4	33.3	35.6	38.6	34.8	34.8	33.9	36.3	39.2	35.9	36.0	34.5	36.8	39.7
	S/T	0.98	0.98	0.82	0.80	0.56	0.98	0.98	0.88	0.86	0.60	0.98	0.98	0.93	0.91	0.63
	kW*	5.20	5.19	5.20	5.16	5.10	5.22	5.22	5.24	5.19	5.13	5.25	5.25	5.28	5.23	5.17

Notes: When the required data fall between the published data, interpolation may be performed. Extrapolation is not an acceptable practice.

+Total capacities are net capacities. Blower heat has been subtracted.

++ At TVA rating indoor condition (75 F db/ 63 F wb), All other indoor air temperatures are at 80 F db

* System kW is total unit kW

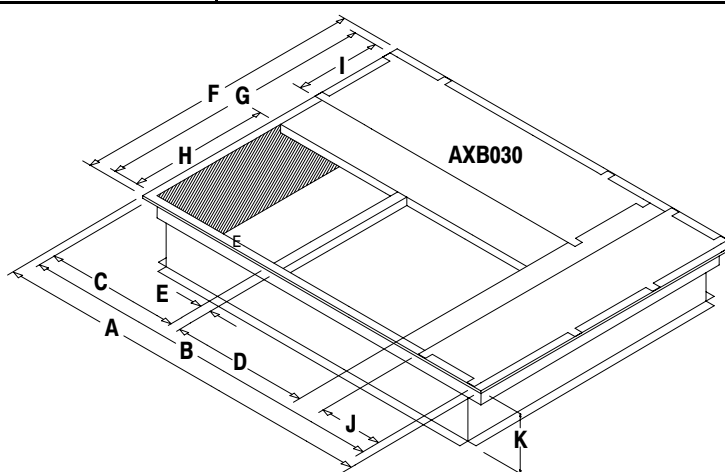
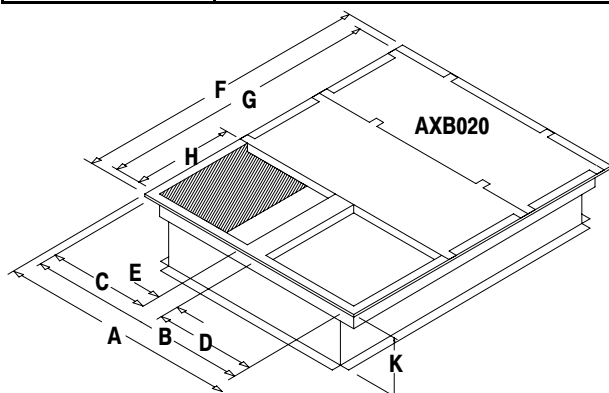
Standard Rating =

S/T are based on 80°F db entering air at the indoor coil. For sensible capacities at other than 80°5 db, deduct 83° Btuh per 1000 cfm of indoor coil air from (MBh x S/T) for each degree below 80°F, or add 835 Btuh per 1000 cfm of indoor coil air from (MBh x S/T) for each degree above 80°F.

ACCESSORIES

ROOF CURBS

Model Number	Height (K)	Use With Model Size
AXB020CLA	8"	36
AXB020CMA	14"	
AXB020CHA	24"	
AXB030CLA	8"	42, 48, 60
AXB030CMA	14"	
AXB030CHA	24"	



ROOF CURB DIMENSIONS (inches)

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	39-3/4	18	18	3-3/4	42-3/4	39-3/4	18	-	-	8	14	24
AXB030(L,M,H)A	67-3/4	64-3/4	23	23	2-1/2	42-3/4	39-3/4	23	12	12	8	14	24

SQUARE to ROUND TRANSITION

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

CONCENTRIC GRILLE – FLUSH MOUNT

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

CONCENTRIC GRILLE – STEP DOWN

Model Number	Use With Roof Curb	Use With Model Size
AXB020CSA	AXB020CLA, AXB020CMA, AXB020CHA	36
AXB030CSA	AXB030CLA, AXB030CMA, AXB030CHA	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	36
AXB030HED				42, 48, 60
AXB020EMD	Downflow			36
AXB030EME				42, 48, 60
AXB020HPE	Horizontal	Fully Modulating w/ Return Air Damper w/ Relief Damper	Dry Bulb Only	36
AXB030HPE				42, 48, 60
AXB020EPE	Downflow			36
AXB030EPF				42, 48, 60

* Three position economizers no longer available.

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

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

* Unit must have internal filters to protect evaporator coil when Fresh Air Damper is installed.

FILTER RACK and FILTER *

Model Number	Application	Filter Location	Filter Size	Use With Model Size
AXB020FKA	Downflow	Internal	18 x 25 x 1	36
AXB020FHC	Horizontal	External	20 x 25 x 1	

* Model size 36 shipped WITHOUT Filter Racks or Filters.

Model sizes 42, 48, and 60 shipped WITH Internal Filter Racks with (2) – 20 x 30 x 2 filters.

LOW AMBIENT CONTROL

FAST Part Number	Description	Use With Model Size
1148232	Freeze 'stat, opens 30°F, closes 50°F	ALL

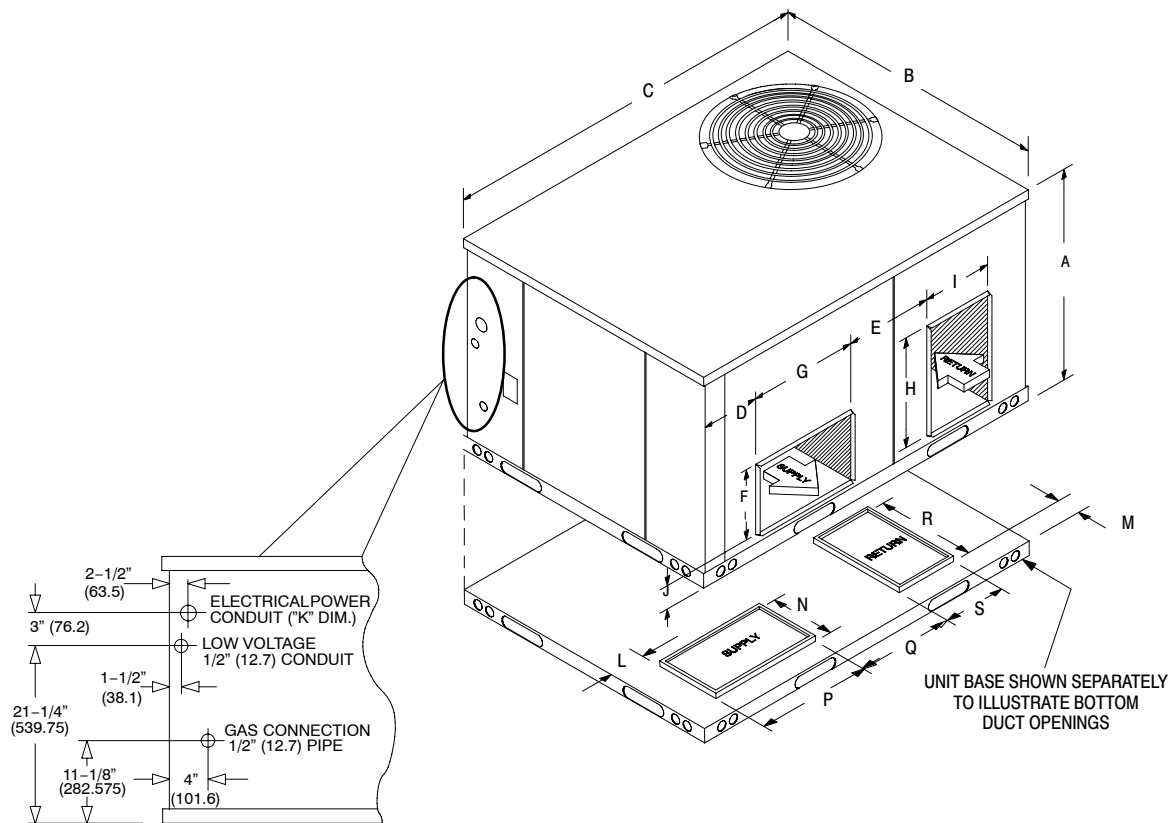
COIL PROTECTION

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

GAS CONVERSION KITS

FAST Part Number	Description	Heat Input (BTUH)	Elevation above Sea Level
1173857	Natural Gas to LP Gas	40,000 – 140,000	0' – 4,000'
1173859			4,001' – 9,000'
1173861			9,001' – 10,000'
1173863	LP Gas to Natural Gas		0' – 10,000'

UNIT DIMENSIONS



ALL DIMENSIONS IN INCHES

Model Size	A	B	C	D	E	F	G	H	I	J	K	L	M	N**	P**	Q	R	S	Bottom L x W * Inside Base Rail
3 Ton	32-1/2	47-3/8	47-3/8	3-1/8	11-1/8	12	14-1/4	14-1/4	12	4	*	4-1/4	4-3/8	14-1/2	12-1/4	12-1/8	14-1/4	12-1/4	43-1/8 x 43-1/8
3 1/2, 4, 5 Ton	36	47-3/8	73	4-5/8	15	12	18-3/4	18-3/4	12	4	*	4-1/4	5-1/4	12-1/4	19	15	19	12-1/4	68-3/4 x 43-1/8

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

MODEL NUMBER IDENTIFICATION GUIDE

Product Family	SEER	Nominal Cooling Capacity Btuh	Heating Input Btuh	Voltage	Option Code	Design Code	Eng. Rev. Code
PGX - Package Gas/Electric R-410A	3 = 13	36 = 36,000 42 = 42,000 48 = 48,000 60 = 60,000	000 = N/A 060 = 60,000 080 = 80,000 100 = 100,000 120 = 120,000 140 = 140,000	H = 208/230-3-60 L = 460-3-60	00 = Nat	A	1
Example: PGX	3	36	060	H	00	A	1

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 re-locating 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

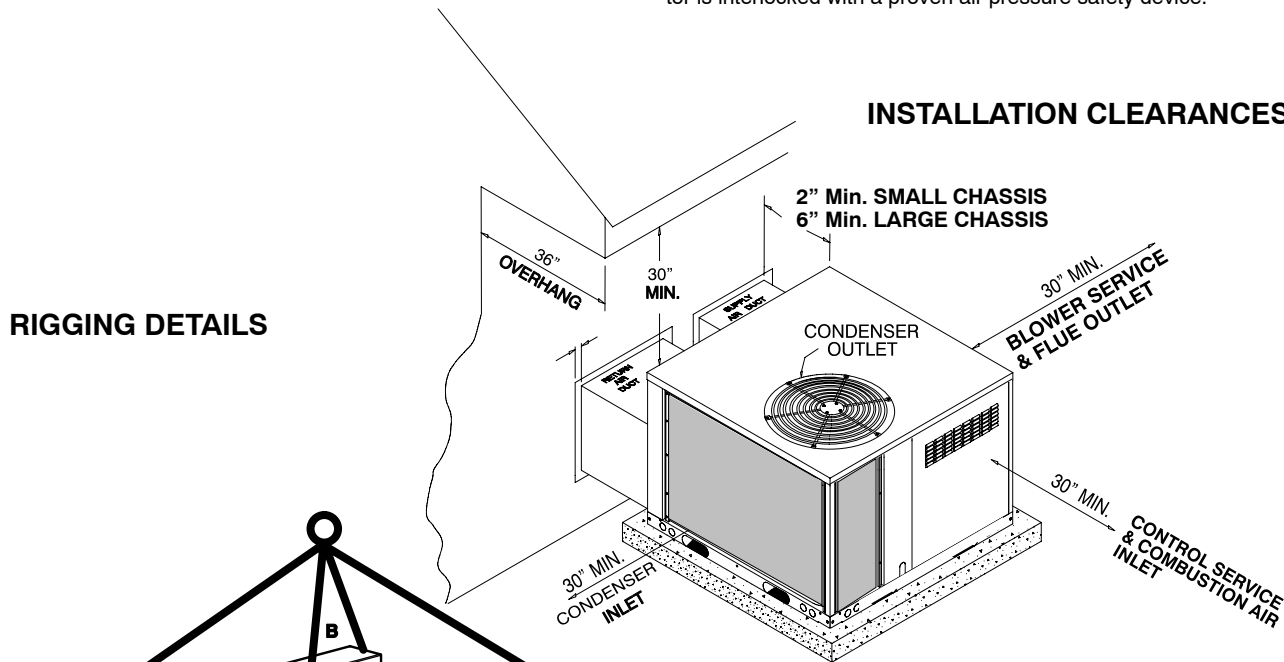
The unit has a single direct-drive propeller-fan / motor assembly. The assembly is mounted directly to a vertical-discharge grille that is easily removed for service. Motors are 1100 RPM with sleeve or ball bearings and internal overload protection.

EVAPORATOR BLOWER

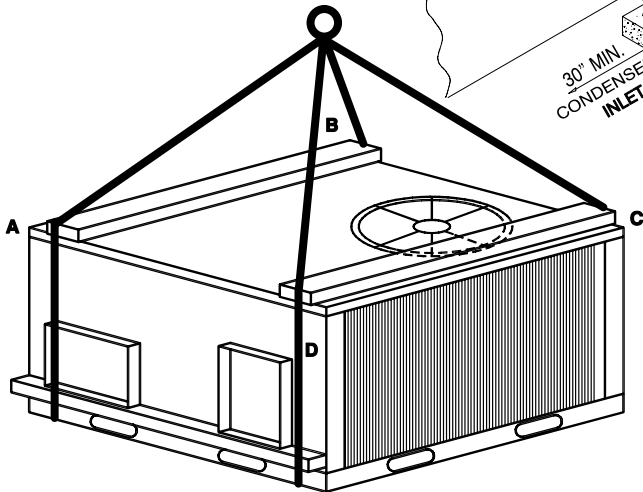
All units have a direct-drive high efficiency brushless DC evaporator blower motor as a standard. The direct-drive evaporator blower motor has sleeve bearings and internal overload protection.

HEATING SECTION

The gas-fired heating section features an induced draft blower for combustion air. The unit has an 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
PGX336060					434
PGX336080					446
PGX336100					438
PGX342080					606
PGX342100					608
PGX348080					610
PGX348120					612
PGX348140					613
PGX360080					622
PGX360120					624
PGX360140					625