HEATING & COOLING PRODUCTS

PDX3

Product Specifications

13 SEER R-410A PACKAGE DUAL FUEL HEAT PUMP (1 Phase) 3 - 5 TONS

Gas Heating / Electric Heating and Cooling Unit

REFRIGERATION CIRCUIT

- All models are equipped with high efficiency 2 stage Copeland scroll compressor.
- Thermostat Expansion Valve (TXV) on select models to control refrigerant flow.
- High Efficiency Brushless DC indoor motors on all models.
- High and Low pressure switches for excellent compressor protection.
- R-410A Environmentally sound refrigerant.

BUILT TO LAST

- The cabinet is made of galvanized steel, phosphate coated with a tough acrylic finish coat for long lasting weatherproof construction.
- Stainless steel tubular gas heat exchanger for more corrosion resistance; tubular design delivers efficient heat transfer and airflow.
- One piece weather resistant top. Access panels for easy service. Side by side supply and return. Heavy gauge base rails.
- Integral 18 gauge base rails with fork-lift access. 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 / electric heating and cooling unit, self contained for year-round comfort. Systems can be 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.
- Advanced electronic integrated defrost control switches quitely from cooling to heating.

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.

UNIT PERFORMANCE DATA (208/230-1-60)

Model Number	COOLING		HEAT PUMP			HEATING - GAS		Unit Dimensions H x W x L	Ship Weight
	Nominal Capacity (BTUH)	S.E.E.R	High Capacity (BTUH)	HSPF	Low Capacity (BTUH)	Input (BTUH)	Efficiency (AFUE%)		
PDX324040K0*A	22,800	13.5	21,400	7.7	11,200	40,000	78.4	32-1/2 X 47-5/16 X 47-5/16	435
PDX330060K0*A	28,000	13.5	28,000	7.7	14,400	60,000	79.2	32-1/2 X 47-5/16 X 47-5/16	436
PDX336080K0*A	34,600	13.5	34,000	7.7	18,600	80,000	78.2	32-1/2 X 47-5/16 X 47-5/16	445
PDX342080K0*A	40,000	13.0	39,000	7.7	21,600	80,000	79.6	36 X 47-5/16 X 73	615
PDX348120K0*A	45,000	13.5	45,000	7.7	24,400	120,000	78.8	36 X 47-5/16 X 73	621
PDX360120K0*A	57,000	13.5	55,000	7.7	30,200	120,000	78.8	36 X 47-5/16 X 73	650

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

UNIT SPECIFICATIONS

MODEL NUMBER	Electrical Data			Condenser Data									Sound Ratings (db)
				Coil			Fan Motor			Fan			
	208 / 230 Voltage Ph. - Hz.	HACR Brkr/ Max. Fuse	Minimum Circuit Ampacity	Total Face Area (Sq. Ft.)	Fins Per In. / Rows	Tube Dia. (In.)	Horse power	Full Load Amps	Locked Rotor Amps	Size Diameter (In.)	RPM Max.	CFM (Max.)	
PDX324000K0*A	1-60	30 amps.	21.6	11.40	18 / 2	3/8	1/8	0.9	1.6	20	825	2200	72
PDX330000K0*A	1-60	40 amps.	26.6	11.46	18 / 2	3/8	1/8	0.9	1.6	20	825	2200	73
PDX336000K0*A	1-60	45 amps.	30.9	11.40	18 / 2	3/8	1/4	1.4	3.7	20	1100	2200	75
PDX342000K0*A	1-60	45 amps.	30.3	12.99	18 / 2	3/8	1/4	1.4	3.7	22	1100	2200	77
PDX348000K0*A	1-60	50 amps.	37.0	12.99	18 / 2	3/8	1/4	1.4	3.7	22	1100	2400	77
PDX360000K0*A	1-60	60 amps.	42.1	17.12	18 / 2	3/8	1/4	1.4	3.0	22	1100	3000	78

MODEL NUMBER	Evaporator Coil									Compressor		Refrigerant Charge R410A (lbs)	Shipping Weight (Lbs)
	Coil			Motor			Blower						
	Total Face Area (Sq. Ft.)	Fins Per In. / Rows	Tube Diameter (In.)	H.P.	Full Load Amps	No. of Speed Taps	Size	RPM (Max.)	CFM Rated	Rated Load Amps	Locked Rotor Amps		
PDX324000K0*A	3.56	14 / 4	3/8	1/2	4.1	5	10 x 8	1050	800	13.3	52	10.5	435
PDX330000K0*A	3.56	14 / 3	3/8	1/2	4.1	5	10 x 8	1050	1000	17.2	70	8.3	436
PDX336000K0*A	3.56	14 / 4	3/8	3/4	6.0	4	11 x 9	1050	1200	18.8	82	10.4	445
PDX342000K0*A	5.14	14 / 3	3/8	3/4	6.0	5	11 x 9	1050	1400	18.3	96	12.9	615
PDX348000K0*A	5.14	14 / 3	3/8	1.0	7.7	5	11 x 10	1050	1600	22.3	96	12.0	621
PDX360000K0*A	8.22	14 / 3	3/8	1.0	7.7	5	11 x 10	1050	2000	26.4	118	15.2	650

PERFORMANCE DATA: COOLING & HEATING

MODEL NUMBER	Cooling Data			Heating Data						Evaporator Rated [3] Airflow (SCFM)
								COP		
	Rated Capacity [2] BTUH Cooling	S.E.E.R.	E.E.R.	Rated Capacity [1] BTUH @ 47° f	Rated Capacity BTUH@ 17° f	HSPF	S / T Ratio	@ 47° f	17° f	
PDX324000K0*A	22,800	13.5	10.5	21,400	11,200	7.7	.77	3.5	2.2	800
PDX330000K0*A	28,000	13.5	10.5	28,000	14,400	7.7	.77	3.5	2.2	1000
PDX336000K0*A	34,600	13.5	10.0	34,000	18,600	7.7	.76	3.3	2.2	1200
PDX342000K0*A	40,000	13.0	10.0	39,000	21,600	7.7	.78	3.1	2.2	1400
PDX348000K0*A	45,000	13.5	10.2	45,000	24,400	7.7	.78	3.3	2.2	1600
PDX360000K0*A	57,000	13.5	10.0	55,000	30,200	7.7	.79	3.1	2.2	2000

[1] Rated Capacity @ 47° F. [2] Rated Capacity @ 230 Volts. For applications at 208 volts deduct 1000 BTU. Contact distributor for availability dates. [3] Includes a 0.08 drop for a filter.

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

PDX3 SERIES GAS HEATING CHART

Model	Cooling Tons	Gas Heating Input (Btu/hr)	Gas Heating Rise Range (°F)	Speed Tap	External Static Pressure (in H_2O) .1" CFM	.1" Gas Heating Rise (°F)	.2" CFM	.2" Gas Heating Rise (°F)	.3" CFM	.3" Gas Heating Rise (°F)	.4" CFM	.4" Gas Heating Rise (°F)	.5" CFM	.5" Gas Heating Rise (°F)	.6" CFM	.6" Gas Heating Rise (°F)	.7" CFM	.7" Gas Heating Rise (°F)	.8" CFM	.8" Gas Heating Rise (°F)
PDX324040K****	2	40000	35 - 65	5	1251	NA	1218	NA	1194	NA	1170	NA	1139	NA	1100	NA	1063	NA	988	NA
				4	951	NA	914	NA	883	NA	858	35	811	37	775	38	733	40	697	43
				3	869	NA	842	35	809	37	768	39	736	40	684	43	650	46	599	49
				2	711	42	655	45	623	48	564	53	529	56	481	62	431	NA	392	NA
				1	661	45	478	62	334	NA	262	NA	219	NA	196	NA	NA	NA	NA	NA
PDX330060K****	2.5	60000	35 - 65	5	1255	35	1227	36	1201	37	1164	38	1138	39	1112	40	1077	41	1027	43
				4	1106	40	1080	41	1048	42	1017	44	992	45	954	47	924	48	881	50
				3	958	46	923	48	894	50	857	52	828	54	786	57	750	59	712	62
				2	789	56	747	59	714	62	668	NA	630	NA	582	NA	542	NA	495	NA
				1	754	59	708	63	671	NA	618	NA	584	NA	524	NA	494	NA	443	NA
PDX336080K****	3	80000	35 - 65	4	1630	36	1588	37	1526	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	1026	58	994	60	949	62	913	65	871	NA	841	NA	793	NA	735	NA
				1	876	NA	841	NA	794	NA	756	NA	694	NA	651	NA	598	NA	543	NA
PDF342080K****	3.5	80000	35 - 65	5	1569	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	1060	56	1015	58
				2	1170	51	1129	52	1088	54	1050	56	1007	59	963	62	912	65	866	NA
				1	1028	58	969	61	924	64	881	NA	838	NA	789	NA	731	NA	680	NA
PDX348120K****	4	120000	35 - 65	5	2103	42	2051	43	2001	44	1942	46	1878	47	1809	49	1723	52	1632	54
				4	1831	49	1797	49	1763	50	1732	51	1696	52	1661	54	1621	55	1559	57
				3	1680	53	1650	54	1614	55	1578	56	1544	58	1507	59	1470	60	1427	62
				2	1304	NA	1256	NA	1216	NA	1167	NA	1126	NA	1077	NA	1026	NA	979	NA
				1	1173	NA	1127	NA	1085	NA	1027	NA	983	NA	927	NA	881	NA	821	NA
PDX360120K****	5	120000	35 - 65	5	2188	41	2140	42	2096	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	1226	NA	1184	NA	1130	NA	1086	NA
				1	1300	NA	1263	NA	1214	NA	1169	NA	1117	NA	1073	NA	1026	NA	975	NA

NA = Not Allowed for heating speed.

BLOWER PERFORMANCE DATA

Model Number		PDX324					PDX330					PDX336				
Torque (oz.-Ft.)		**5.96**	**10.98**	**15.53**	**18.04**	**29.02**	**11.92**	**13.02**	**18.04**	**23.06**	**29.02**	**18.59**	**24.00**	**34.35**	**52.94**	**-**
Speed Tap		**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.c.)	0.1	661	711	869	951	1251	754	789	958	1106	1255	876	1026	1276	1630	-
	0.2	478	655	842	914	1218	708	747	923	1080	1227	841	994	1242	1588	-
	0.3	334	623	809	883	1194	671	714	894	1048	1201	794	949	1209	1526	-
	0.4	262	564	768	858	1170	618	668	857	1017	1164	756	913	1179	1477	-
	0.5	219	529	736	811	1139	584	630	828	992	1138	694	871	1150	1415	-
	0.6	196	481	684	775	1100	524	582	786	954	1112	651	841	1117	1354	-
	0.7	-	431	650	733	1063	494	542	750	924	1077	598	793	1086	1287	-
	0.8	-	392	599	697	988	443	495	712	881	1027	543	735	1045	1216	-
	0.9	-	334	569	658	871	382	460	661	838	934	499	683	998	1145	-
	1	-	305	523	618	745	342	403	630	755	809	464	638	946	1070	-
Model Number		**PDX342**					**PDX348**					**PDX360**				
Torque (oz.-Ft.)		**19.06**	**23.06**	**34.12**	**41.88**	**44.00**	**26.98**	**32.00**	**51.14**	**59.92**	**80.00**	**30.12**	**31.06**	**55.84**	**73.10**	**80.00**
Speed Tap		**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.c.)	0.1	973	1028	1302	1481	1569	1173	1304	1680	1831	2103	1300	1368	1839	2091	2188
	0.2	900	969	1260	1448	1537	1127	1256	1650	1797	2051	1263	1321	1807	2056	2140
	0.3	853	924	1219	1412	1500	1085	1216	1614	1763	2001	1214	1283	1772	2023	2096
	0.4	797	881	1179	1374	1463	1027	1167	1578	1732	1942	1169	1231	1735	1987	2039
	0.5	749	838	1138	1336	1423	983	1126	1544	1696	1878	1117	1197	1702	1935	1974
	0.6	702	789	1103	1298	1389	927	1077	1507	1661	1809	1073	1144	1667	1878	1905
	0.7	642	731	1060	1263	1353	881	1026	1470	1621	1723	1026	1105	1629	1811	1827
	0.8	581	680	1015	1226	1317	821	979	1427	1559	1632	975	1038	1590	1729	1745
	0.9	529	617	963	1186	1276	764	921	1373	1446	1526	926	969	1535	1640	1642
	1	476	562	923	1143	1208	710	875	1289	1339	1388	862	913	1460	1536	1537

Notes:
Air Delivery @ listed external static pressre are taken at 230Volts 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 airflow by 15%.

Factory-Shipped Blower Tap Connections

Model	Cooling Tons	Gas Heating Input (Btu/hr)	Gas Heating Rise Range (^{o}F)	Gas Heating Speed Tap (Red)	High Stage Cooling / Heat Pump Speed Tap (Black)	Low Stage Cooling / Heat Pump Speed Tap (Violet)
PDX324040K****	2	40000	35 - 65	2	3	1
PDX330060K****	2.5	60000	35 - 65	5	4	1
PDX336080K****	3	80000	35 - 65	4	3	1
PDX342080K****	3.5	80000	35 - 65	5	4	1
PDX348120K****	4	120000	35 - 65	4	3	1
PDX360120K****	5	120000	35 - 65	3	4	2

EXPANDED PERFORMANCE DATA: COOLING

PDX324***K**A

OD Ambient (°F)	ID Airflow (SCFM)	700					800					900				
		Entering Indoor Temperature - Degrees F, Wet Bulb														
		57	62	63++	67	72	57	62	63++	67	72	57	62	63++	67	72
75	MBh+	23.5	24.3	24.7	26.7	29.2	24.6	25.0	25.4	27.3	29.9	25.6	25.7	25.9	27.9	30.5
	S/T	0.98	0.91	0.73	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*	1.36	1.37	1.37	1.39	1.41	1.39	1.40	1.40	1.42	1.44	1.42	1.42	1.42	1.44	1.46
85	MBh+	22.7	23.3	23.7	25.5	28.0	23.7	23.9	24.3	26.1	28.6	24.7	24.7	24.7	26.6	29.1
	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	0.78	0.56
	kW*	1.52	1.53	1.53	1.55	1.57	1.55	1.55	1.55	1.57	1.59	1.58	1.58	1.58	1.60	1.62
95	MBh+	21.8	22.2	22.5	24.3	26.6	22.8	22.8	23.1	24.8	27.2	23.7	23.7	23.5	25.3	27.6
	S/T	0.98	0.96	0.76	0.73	0.53	0.98	0.98	0.79	0.77	0.55	0.98	0.98	0.83	0.80	0.57
	kW*	1.70	1.70	1.70	1.72	1.74	1.72	1.73	1.73	1.74	1.77	1.75	1.75	1.75	1.77	1.79
105	MBh+	20.8	21.0	21.3	23.0	25.2	21.8	21.8	21.8	23.5	25.7	22.6	22.6	22.2	23.9	26.1
	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	0.85	0.83	0.58
	kW*	1.89	1.89	1.89	1.91	1.93	1.92	1.92	1.92	1.93	1.95	1.94	1.94	1.94	1.96	1.98
115	MBh+	19.8	19.9	20.0	21.6	23.7	20.7	20.7	20.5	22.1	24.1	21.4	21.5	20.8	22.4	24.5
	S/T	0.98	0.98	0.79	0.77	0.55	0.98	0.98	0.84	0.81	0.57	0.98	0.98	0.88	0.86	0.60
	kW*	2.10	2.10	2.10	2.12	2.14	2.13	2.13	2.13	2.14	2.16	2.15	2.15	2.15	2.16	2.18
125	MBh+	18.7	18.7	18.6	20.1	22.0	19.5	19.5	19.0	20.5	22.3	20.1	20.2	19.3	20.8	22.6
	S/T	0.98	0.98	0.82	0.80	0.56	0.98	0.98	0.87	0.85	0.59	0.98	0.98	0.92	0.90	0.62
	kW*	2.33	2.33	2.33	2.34	2.36	2.36	2.36	2.35	2.37	2.39	2.38	2.38	2.37	2.39	2.41

PDX324***K**A (Low Capacity)

OD Ambient (°F)	ID Airflow (SCFM)	475					550					625				
		Entering Indoor Temperature - Degrees F, Wet Bulb														
		57	62	63++	67	72	57	62	63++	67	72	57	62	63++	67	72
75	MBh+	17.3	18.3	18.6	20.3	22.4	18.4	19.0	19.3	21.0	23.2	19.3	19.5	19.8	21.5	23.8
	S/T	0.98	0.88	0.71	0.68	0.50	0.98	0.93	0.74	0.71	0.52	0.98	0.97	0.77	0.74	0.53
	kW*	0.93	0.93	0.92	0.91	0.89	0.93	0.93	0.92	0.91	0.89	0.96	0.96	0.95	0.94	0.92
85	MBh+	16.6	17.3	17.7	19.3	21.3	17.6	18.0	18.3	19.9	22.0	18.5	18.5	18.8	20.4	22.6
	S/T	0.98	0.90	0.72	0.69	0.51	0.98	0.95	0.75	0.72	0.52	0.98	0.98	0.79	0.76	0.54
	kW*	1.10	1.09	1.09	1.08	1.07	1.10	1.10	1.09	1.08	1.06	1.13	1.13	1.13	1.11	1.09
95	MBh+	15.9	16.4	16.8	18.2	20.3	16.8	17.0	17.3	18.8	20.9	17.7	17.7	17.7	19.3	21.3
	S/T	0.98	0.92	0.73	0.70	0.52	0.98	0.98	0.77	0.74	0.53	0.98	0.98	0.81	0.78	0.55
	kW*	1.29	1.28	1.28	1.27	1.26	1.29	1.29	1.28	1.27	1.26	1.32	1.32	1.32	1.31	1.29
105	MBh+	15.2	15.5	15.8	17.2	19.1	16.1	16.1	16.3	17.8	19.7	16.8	16.9	16.7	18.2	20.1
	S/T	0.98	0.95	0.75	0.72	0.52	0.98	0.98	0.79	0.76	0.54	0.98	0.98	0.83	0.80	0.57
	kW*	1.49	1.49	1.49	1.49	1.48	1.50	1.50	1.50	1.49	1.48	1.53	1.53	1.53	1.52	1.51
115	MBh+	14.4	14.6	14.8	16.2	18.0	15.3	15.3	15.3	16.7	18.5	16.0	16.0	15.6	17.0	18.9
	S/T	0.98	0.98	0.77	0.74	0.53	0.98	0.98	0.82	0.79	0.56	0.98	0.98	0.86	0.83	0.58
	kW*	1.73	1.73	1.73	1.73	1.72	1.73	1.73	1.73	1.73	1.72	1.77	1.77	1.77	1.76	1.75
125	MBh+	13.6	13.7	13.8	15.1	16.8	14.4	14.4	14.2	15.5	17.2	15.1	15.1	14.5	15.8	17.5
	S/T	0.98	0.98	0.80	0.77	0.55	0.98	0.98	0.85	0.81	0.57	0.98	0.98	0.89	0.86	0.60
	kW*	1.99	1.99	1.99	1.99	1.99	2.00	2.00	2.00	2.00	1.99	2.03	2.03	2.03	2.03	2.03

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.

EXPANDED PERFORMANCE DATA: COOLING

PDX330***K**A

OD Ambient (°F)	ID Airflow (SCFM)	875					1000					1125				
		Entering Indoor Temperature - Degrees F, Wet Bulb														
		57	62	63++	67	72	57	62	63++	67	72	57	62	63++	67	72
75	MBh+	28.7	29.7	30.2	32.5	35.5	30.1	30.5	31.0	33.3	36.3	31.2	31.3	31.6	33.9	36.9
	S/T	0.98	0.91	0.73	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*	1.78	1.78	1.79	1.81	1.84	1.84	1.84	1.85	1.87	1.90	1.89	1.89	1.89	1.92	1.95
85	MBh+	27.7	28.4	28.9	31.0	33.9	29.0	29.2	29.6	31.8	34.6	30.0	30.1	30.1	32.3	35.2
	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*	1.97	1.98	1.98	2.01	2.04	2.03	2.04	2.04	2.06	2.09	2.08	2.08	2.08	2.11	2.14
95	MBh+	26.6	27.1	27.5	29.5	32.2	27.8	27.8	28.1	30.2	32.9	28.8	28.8	28.6	30.7	33.4
	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*	2.19	2.19	2.19	2.22	2.25	2.25	2.25	2.25	2.27	2.30	2.30	2.30	2.30	2.32	2.35
105	MBh+	25.4	25.6	26.0	27.9	30.4	26.5	26.6	26.5	28.5	31.0	27.4	27.5	27.0	28.9	31.5
	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	0.85	0.83	0.58
	kW*	2.42	2.42	2.43	2.45	2.48	2.48	2.48	2.48	2.50	2.53	2.53	2.53	2.53	2.55	2.58
115	MBh+	24.2	24.2	24.4	26.2	28.5	25.1	25.2	24.9	26.7	29.0	26.0	26.0	25.3	27.1	29.4
	S/T	0.98	0.98	0.79	0.77	0.55	0.98	0.98	0.84	0.82	0.57	0.98	0.98	0.88	0.86	0.60
	kW*	2.68	2.68	2.68	2.70	2.73	2.74	2.74	2.73	2.76	2.79	2.79	2.79	2.78	2.80	2.83
125	MBh+	22.7	22.7	22.6	24.2	26.4	23.6	23.6	23.0	24.7	26.8	24.3	24.3	23.4	25.0	27.1
	S/T	0.98	0.98	0.82	0.80	0.56	0.98	0.98	0.87	0.85	0.59	0.98	0.98	0.92	0.90	0.62
	kW*	2.95	2.95	2.95	2.97	3.00	3.01	3.02	3.01	3.03	3.06	3.06	3.06	3.05	3.07	3.10

PDX330***K**A (Low Capacity)

OD Ambient (°F)	ID Airflow (SCFM)	600					700					800				
		Entering Indoor Temperature - Degrees F, Wet Bulb														
		57	62	63++	67	72	57	62	63++	67	72	57	62	63++	67	72
75	MBh+	21.3	22.3	22.7	24.5	26.9	22.6	23.1	23.5	25.3	27.7	23.6	23.8	24.0	25.9	28.4
	S/T	0.98	0.89	0.71	0.69	0.51	0.98	0.94	0.75	0.72	0.53	0.98	0.99	0.78	0.76	0.54
	kW*	1.16	1.16	1.16	1.17	1.17	1.16	1.16	1.16	1.17	1.17	1.21	1.22	1.22	1.22	1.23
85	MBh+	20.5	21.2	21.6	23.4	25.7	21.7	22.0	22.3	24.1	26.4	22.7	22.7	22.8	24.6	27.0
	S/T	0.98	0.91	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*	1.37	1.37	1.37	1.38	1.38	1.37	1.37	1.37	1.38	1.38	1.42	1.42	1.42	1.43	1.43
95	MBh+	19.6	20.1	20.5	22.1	24.3	20.7	20.8	21.1	22.8	25.0	21.7	21.7	21.6	23.3	25.5
	S/T	0.98	0.94	0.74	0.71	0.52	0.98	0.99	0.78	0.76	0.54	0.98	0.98	0.82	0.80	0.57
	kW*	1.59	1.59	1.60	1.60	1.61	1.60	1.60	1.60	1.60	1.61	1.65	1.65	1.65	1.66	1.66
105	MBh+	18.7	19.0	19.3	20.8	22.9	19.7	19.7	19.8	21.4	23.5	20.6	20.6	20.2	21.8	23.9
	S/T	0.98	0.96	0.76	0.73	0.53	0.98	0.98	0.81	0.78	0.55	0.98	0.98	0.85	0.82	0.58
	kW*	1.84	1.84	1.84	1.85	1.86	1.84	1.84	1.84	1.85	1.86	1.90	1.90	1.90	1.90	1.91
115	MBh+	17.7	17.7	18.0	19.4	21.4	18.6	18.7	18.5	19.9	21.9	19.4	19.4	18.8	20.3	22.2
	S/T	0.98	0.98	0.78	0.76	0.54	0.98	0.98	0.83	0.81	0.57	0.98	0.98	0.88	0.86	0.60
	kW*	2.11	2.11	2.11	2.12	2.13	2.11	2.11	2.11	2.12	2.13	2.17	2.17	2.16	2.17	2.18
125	MBh+	16.6	16.6	16.6	17.9	19.7	17.4	17.4	17.0	18.4	20.1	18.1	18.1	17.3	18.7	20.4
	S/T	0.98	0.98	0.82	0.79	0.56	0.98	0.98	0.87	0.84	0.59	0.98	0.98	0.92	0.90	0.62
	kW*	2.39	2.39	2.39	2.40	2.42	2.40	2.40	2.40	2.41	2.42	2.45	2.45	2.45	2.46	2.47

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.

EXPANDED PERFORMANCE DATA: COOLING

PDX336***K**A

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

PDX336***K**A (Low Capacity)

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°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.

EXPANDED PERFORMANCE DATA: COOLING

PDX342***K**A

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

PDX342***K**A (Low Capacity)

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°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.

EXPANDED PERFORMANCE DATA: COOLING

PDX348***K**A

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

PDX348***K**A (Low Capacity)

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°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.

EXPANDED PERFORMANCE DATA: COOLING

PDX360***K**A

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

PDX360***K**A (Low Capacity)

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.

HEATING EXPANDED PERFORMANCE (Heat Pump Mode)

Return Air (F db)	CFM (Standard Air)		PDX324 (High Capacity) Air Temperature Entering Outdoor Coil (F)									
			-10	0	10	17	20	30	40	47	50	60
60	700	TC	9.5 8.8	15.3 14.1	22.0 20.2	27.2 24.8	27.8 25.3	28.5 25.0	26.3 26.3	22.7 22.7	24.0 24.0	28.6 28.6
		kW	2.76	2.79	2.80	2.81	2.68	2.25	1.83	1.55	1.56	1.64
	800	TC	9.7 9.0	15.6 14.3	22.3 20.4	27.5 25.0	28.1 25.5	28.8 25.2	26.6 26.6	23.1 23.1	24.6 24.6	29.5 29.5
		kW	2.83	2.86	2.87	2.88	2.75	2.32	1.89	1.59	1.60	1.65
	900	TC	9.8 9.1	15.7 14.5	22.4 20.6	27.6 25.2	28.2 25.6	28.9 25.4	26.8 26.8	23.3 23.3	24.8 24.8	30.0 30.0
		kW	2.87	2.90	2.92	2.92	2.79	2.36	1.93	1.63	1.63	1.66
70	700	TC	6.7 6.2	12.4 11.4	18.9 17.4	24.0 21.9	24.7 22.4	25.8 22.6	24.1 24.1	21.0 21.0	22.3 22.3	26.8 26.8
		kW	3.07	3.12	3.15	3.16	3.01	2.53	2.05	1.73	1.74	1.82
	800	TC	7.0 6.4	12.6 11.6	19.1 17.6	24.2 22.1	24.9 22.6	26.0 22.8	24.4 24.4	21.4 21.4	22.8 22.8	27.6 27.6
		kW	3.14	3.19	3.21	3.22	3.08	2.60	2.12	1.78	1.79	1.83
	900	TC	7.1 6.6	12.8 11.8	19.3 17.7	24.3 22.2	25.1 22.8	26.2 22.9	24.5 24.5	21.6 21.6	23.0 23.0	28.1 28.1
		kW	3.18	3.23	3.26	3.27	3.12	2.64	2.16	1.82	1.82	1.84
80	700	TC	3.9 3.6	9.3 8.6	15.6 14.3	20.5 18.7	21.4 19.4	22.9 20.1	21.8 21.8	19.2 19.2	20.5 20.5	24.9 24.9
		kW	3.41	3.48	3.52	3.54	3.38	2.84	2.31	1.93	1.95	2.03
	800	TC	4.1 3.8	9.5 8.8	15.8 14.5	20.7 18.9	21.6 19.6	23.1 20.3	22.0 22.0	19.6 19.6	20.9 20.9	25.7 25.7
		kW	3.47	3.54	3.58	3.60	3.45	2.91	2.37	1.99	1.99	2.03
	900	TC	4.3 3.9	9.7 8.9	16.0 14.7	20.9 19.0	21.8 19.8	23.3 20.4	22.2 22.2	19.7 19.7	21.1 21.1	26.1 26.1
		kW	3.52	3.59	3.63	3.65	3.49	2.95	2.41	2.03	2.03	2.05

Return Air (F db)	CFM (Standard Air)		PDX324 (Low Capacity) Air Temperature Entering Outdoor Coil (F)									
			-10	0	10	17	20	30	40	47	50	60
60	475	TC	35.4 32.8	5.5 5.1	11.0 10.1	15.5 14.2	16.7 15.1	19.4 17.0	19.6 19.6	18.3 18.3	19.4 19.4	23.4 23.4
		kW	1.80	1.23	1.40	1.48	1.48	1.46	1.45	1.45	1.47	1.56
	550	TC	35.4 32.8	5.5 5.1	11.0 10.1	15.5 14.2	16.7 15.2	19.6 17.1	20.1 20.1	18.9 18.9	20.2 20.2	24.5 24.5
		kW	1.80	1.23	1.40	1.48	1.48	1.45	1.40	1.38	1.39	1.45
	625	TC	35.4 32.8	5.5 5.1	11.0 10.1	15.5 14.2	16.7 15.2	19.6 17.2	20.4 20.4	19.3 19.3	20.7 20.7	25.2 25.2
		kW	1.80	1.23	1.40	1.48	1.48	1.44	1.38	1.33	1.34	1.38
70	475	TC	24.8 22.9	3.2 2.9	8.2 7.5	12.4 11.3	13.6 12.4	16.7 14.6	17.5 17.5	16.6 16.6	17.7 17.7	21.4 21.4
		kW	2.00	1.29	1.54	1.65	1.66	1.66	1.65	1.65	1.68	1.78
	550	TC	24.8 22.9	3.2 2.9	8.2 7.5	12.4 11.3	13.6 12.4	16.8 14.7	18.0 18.0	17.2 17.2	18.3 18.3	22.4 22.4
		kW	2.00	1.29	1.54	1.65	1.66	1.65	1.61	1.58	1.60	1.67
	625	TC	24.8 22.9	3.2 2.9	14.9 13.7	16.4 15.0	17.5 15.9	21.5 18.8	26.2 26.2	18.7 18.7	23.1 23.1	23.1 23.1
		kW	2.00	1.29	1.54	1.65	1.66	1.65	1.59	1.54	1.55	1.59
80	475	TC	14.9 13.8	1.1 1.0	5.4 5.0	9.3 8.5	10.5 9.6	14.0 12.2	15.3 15.3	14.8 14.8	15.8 15.8	19.4 19.4
		kW	2.22	1.32	1.68	1.84	1.86	1.88	1.88	1.88	1.91	2.03
	550	TC	14.9 13.8	1.1 1.0	5.4 5.0	9.3 8.5	10.6 9.6	14.0 12.3	15.6 15.6	15.3 15.3	16.4 16.4	20.3 20.3
		kW	2.22	1.32	1.68	1.84	1.86	1.88	1.84	1.81	1.83	1.91
	625	TC	14.9 13.8	1.1 1.0	5.4 5.0	9.3 8.5	10.6 9.6	14.0 12.3	15.7 15.7	15.6 15.6	16.8 16.8	20.9 20.9
		kW	2.22	1.32	1.68	1.84	1.86	1.88	1.83	1.78	1.79	1.83

LEGEND:

TC - Heating Capacity (1000 Btuh) (Includes Indoor-Fan Motor Heat)
db - Dry Bulb
kW - Total Power Input (Includes Compressor Motor Power Input)
rh - Relative Humidity

NOTES:

1 Indicates integrated ratings
2 Integrated capacity is maximum (instantaneous) capacity less the effect of frost on the outdoor coil and the heat required to defrost it

HEATING EXPANDED PERFORMANCE (Heat Pump Mode)

Return Air (F db)	CFM (Standard Air)		PDX330 (High Capacity) Air Temperature Entering Outdoor Coil (F)																	
			-10		0		10		17		20		30		40		47		50		60	
60	875	TC	13.8	12.8	17.3	15.9	21.5	19.8	-0.2	-0.2	25.5	23.1	27.2	23.8	28.0	28.0	28.2	28.2	29.9	29.9	36.6	36.6
		kW	2.78		2.80		2.82		-0.07		2.75		2.48		2.23		2.07		2.09		2.21	
	1000	TC	15.6	14.5	18.9	17.4	23.2	21.3	27.0	24.7	27.5	24.9	29.2	25.6	30.1	30.1	30.0	30.0	31.7	31.7	38.7	38.7
		kW	2.84		2.87		2.89		2.89		2.81		2.55		2.29		2.11		2.12		2.22	
	1125	TC	15.8	14.6	20.4	18.7	24.9	22.8	28.4	25.9	29.1	26.4	30.7	26.9	31.8	31.8	31.6	31.6	33.3	33.3	40.1	40.1
		kW	2.88		2.91		2.93		2.94		2.86		2.59		2.32		2.14		2.15		2.22	
70	875	TC	11.8	10.9	15.0	13.8	19.4	17.8	22.5	20.5	23.2	21.0	25.0	21.9	25.9	25.9	26.2	26.2	27.8	27.8	34.3	34.3
		kW	3.08		3.12		3.15		3.16		3.07		2.78		2.49		2.30		2.32		2.44	
	1000	TC	13.6	12.6	16.7	15.4	20.8	19.1	24.2	22.1	24.9	22.6	27.0	23.6	27.9	27.9	28.0	28.0	29.6	29.6	36.1	36.1
		kW	3.14		3.19		3.21		3.22		3.14		2.84		2.54		2.34		2.36		2.44	
	1125	TC	14.2	13.1	18.5	17.0	22.4	20.6	25.7	23.4	26.4	23.9	28.3	24.8	29.5	29.5	29.6	29.6	31.2	31.2	37.7	37.7
		kW	3.19		3.23		3.26		3.27		3.18		2.88		2.58		2.38		2.39		2.45	
80	875	TC	9.9	9.2	13.1	12.1	16.9	15.5	20.3	18.5	20.8	18.9	22.8	20.0	23.9	23.9	24.4	24.4	25.9	25.9	32.2	32.2
		kW	3.41		3.47		3.50		3.52		3.42		3.10		2.77		2.56		2.59		2.71	
	1000	TC	11.6	10.7	14.6	13.4	18.6	17.1	21.8	19.9	22.7	20.5	24.7	21.7	25.8	25.8	26.1	26.1	27.7	27.7	33.9	33.9
		kW	3.47		3.53		3.57		3.59		3.49		3.16		2.83		2.61		2.62		2.71	
	1125	TC	12.8	11.8	16.2	14.9	20.0	18.4	23.4	21.3	24.3	22.0	26.3	23.1	27.4	27.4	27.6	27.6	29.2	29.2	35.4	35.4
		kW	3.51		3.57		3.61		3.63		3.53		3.21		2.87		2.64		2.65		2.71	

Return Air (F db)	CFM (Standard Air)		PDX330 (Low Capacity) Air Temperature Entering Outdoor Coil (F)																	
			-10		0		10		17		20		30		40		47		50		60	
60	600	TC	7.6	7.0	10.3	9.5	13.5	12.4	16.2	14.7	16.8	15.3	19.1	16.7	20.9	20.9	22.0	22.0	23.6	23.6	29.5	29.5
		kW	1.71		1.73		1.74		1.77		1.75		1.69		1.66		1.64		1.68		1.84	
	700	TC	8.7	8.1	11.6	10.7	14.9	13.7	17.6	16.0	18.2	16.5	20.3	17.8	22.1	22.1	23.2	23.2	24.9	24.9	31.1	31.1
		kW	1.71		1.72		1.73		1.75		1.72		1.65		1.60		1.58		1.61		1.74	
	800	TC	9.7	8.9	12.5	11.5	15.8	14.5	18.7	17.1	19.7	17.8	21.4	18.7	23.1	23.1	24.2	24.2	25.9	25.9	32.5	32.5
		kW	1.71		1.72		1.73		1.75		1.72		1.62		1.56		1.53		1.56		1.67	
70	600	TC	5.9	5.4	8.4	7.8	11.5	10.6	14.0	12.8	14.7	13.3	17.0	14.9	18.9	18.9	19.9	19.9	21.5	21.5	27.0	27.0
		kW	1.92		1.94		1.96		1.98		1.95		1.89		1.84		1.81		1.86		2.02	
	700	TC	6.9	6.4	9.7	8.9	12.9	11.8	15.4	14.0	16.0	14.5	18.1	15.9	20.0	20.0	21.1	21.1	22.6	22.6	28.6	28.6
		kW	1.92		1.94		1.95		1.96		1.93		1.84		1.78		1.74		1.78		1.92	
	800	TC	7.9	7.3	10.8	9.9	14.9	13.7	16.4	15.0	17.5	15.9	21.5	18.8	26.2	26.2	23.6	23.6	29.9	29.9	29.9	29.9
		kW	1.92		1.93		1.95		1.95		1.92		1.82		1.74		1.69		1.72		1.84	
80	600	TC	4.1	3.8	6.5	6.0	9.4	8.7	11.8	10.8	12.5	11.4	14.8	13.0	16.9	16.9	18.0	18.0	19.4	19.4	24.7	24.7
		kW	2.15		2.17		2.20		2.22		2.19		2.10		2.04		2.01		2.05		2.22	
	700	TC	5.1	4.7	7.7	7.1	10.7	9.9	13.2	12.0	13.9	12.6	16.0	14.0	17.9	17.9	19.0	19.0	20.5	20.5	26.1	26.1
		kW	2.15		2.17		2.19		2.20		2.16		2.06		1.98		1.93		1.97		2.11	
	800	TC	5.9	5.5	8.7	8.0	11.9	10.9	14.5	13.2	15.1	13.7	17.1	14.9	18.9	18.9	19.9	19.9	21.4	21.4	27.3	27.3
		kW	2.14		2.17		2.19		2.19		2.16		2.03		1.94		1.88		1.91		2.03	

LEGEND:

TC - Heating Capacity (1000 Btuh) (Includes Indoor-Fan Motor Heat)
db - Dry Bulb
kW - Total Power Input (Includes Compressor Motor Power Input)
rh - Relative Humidity

NOTES:

1 Indicates integrated ratings
2 Integrated capacity is maximum (instantaneous) capacity less the effect of frost on the outdoor coil and the heat required to defrost it

HEATING EXPANDED PERFORMANCE (Heat Pump Mode)

Return Air (F db)	CFM (Standard Air)		PDX336 (High Capacity) Air Temperature Entering Outdoor Coil (F)																	
			-10		0		10		17		20		30		40		47		50		60	
60	1050	TC	9.8	9.0	14.4	13.3	21.8	20.0	26.0	23.7	25.5	23.2	28.8	25.2	31.9	31.9	34.1	34.1	36.1	36.1	43.9	43.9
		kW	2.71		2.74		2.77		2.80		2.84		2.77		2.70		2.67		2.69		2.80	
	1200	TC	8.8	8.1	13.9	12.8	19.1	17.5	26.0	23.7	27.6	25.0	31.2	27.3	34.3	34.3	36.6	36.6	38.6	38.6	46.5	46.5
		kW	2.86		2.88		2.89		2.92		2.90		2.83		2.76		2.71		2.72		2.79	
	1350	TC	3.4	3.2	9.6	8.9	15.8	14.5	22.0	20.1	26.0	23.6	32.4	28.4	36.4	36.4	38.7	38.7	40.6	40.6	48.6	48.6
		kW	2.93		2.94		2.94		2.95		2.94		2.88		2.80		2.74		2.74		2.78	
70	11050	TC	6.5	6.0	11.2	10.3	15.8	14.5	22.6	20.6	23.2	21.0	26.4	23.2	29.4	29.4	31.7	31.7	33.5	33.5	41.0	41.0
		kW	3.05		3.08		3.12		3.16		3.15		3.09		3.01		2.98		2.99		3.11	
	1200	TC	7.9	7.3	12.8	11.7	17.6	16.2	24.2	22.1	25.7	23.3	28.5	25.0	31.7	31.7	34.0	34.0	35.9	35.9	43.3	43.3
		kW	3.16		3.18		3.20		3.22		3.21		3.15		3.07		3.02		3.03		3.10	
	1350	TC	4.3	4.0	10.0	9.2	15.6	14.3	21.3	19.4	25.4	23.0	30.4	26.6	33.7	33.7	36.1	36.1	38.0	38.0	45.4	45.4
		kW	3.23		3.24		3.26		3.27		3.25		3.19		3.11		3.05		3.06		3.09	
80	1050	TC	5.2	4.8	9.7	8.9	14.1	12.9	20.8	18.9	21.3	19.3	24.0	21.0	27.1	27.1	29.4	29.4	31.2	31.2	38.4	38.4
		kW	3.34		3.38		3.42		3.49		3.48		3.43		3.36		3.31		3.33		3.46	
	1200	TC	7.0	6.5	11.6	10.7	16.1	14.8	22.4	20.5	23.8	21.6	26.5	23.2	29.2	29.2	31.6	31.6	33.4	33.4	40.6	40.6
		kW	3.42		3.45		3.45		3.55		3.54		3.49		3.42		3.36		3.37		3.45	
	1350	TC	3.9	3.6	9.2	8.5	14.5	13.3	20.8	19.0	22.4	20.3	28.4	24.8	31.5	31.5	33.6	33.6	35.5	35.5	42.6	42.6
		kW	3.50		3.52		3.55		3.56		3.57		3.53		3.46		3.40		3.40		3.44	

Return Air (F db)	CFM (Standard Air)		PDX336 (Low Capacity) Air Temperature Entering Outdoor Coil (F)																	
			-10		0		10		17		20		30		40		47		50		60	
60	750	TC	9.0	8.3	12.0	11.1	16.0	14.7	19.7	18.0	20.5	18.6	23.0	20.2	24.7	24.7	25.2	25.2	27.1	27.1	33.8	33.8
		kW	2.15		2.11		2.08		2.02		2.00		1.93		1.83		1.75		1.71		1.57	
	850	TC	11.9	11.0	15.9	14.7	17.7	16.3	21.5	19.6	22.4	20.3	24.6	21.6	26.1	26.1	26.5	26.5	28.3	28.3	35.3	35.3
		kW	2.20		2.17		2.13		2.07		2.05		1.97		1.85		1.76		1.70		1.54	
	950	TC	11.4	10.5	15.0	13.8	19.9	18.3	23.4	21.4	24.4	22.1	26.5	23.2	27.8	27.8	28.0	28.0	29.8	29.8	37.0	37.0
		kW	2.30		2.27		2.24		2.17		2.16		2.07		1.94		1.83		1.77		1.57	
70	750	TC	11.2	10.4	11.2	10.3	13.1	12.0	16.6	15.2	17.5	15.9	20.0	17.6	22.0	22.0	22.7	22.7	24.4	24.4	30.9	30.9
		kW	2.34		2.30		2.31		2.27		2.26		2.22		2.14		2.08		2.03		1.90	
	850	TC	10.5	9.7	14.0	12.9	14.7	13.5	18.2	16.6	19.2	17.5	21.7	19.0	23.3	23.3	23.9	23.9	25.6	25.6	32.2	32.2
		kW	2.39		2.35		2.36		2.32		2.32		2.26		2.16		2.08		2.03		1.87	
	950	TC	11.2	10.4	12.4	11.4	16.5	15.1	20.2	18.4	21.0	19.0	23.5	20.6	25.0	25.0	25.3	25.3	27.1	27.1	33.7	33.7
		kW	2.49		2.46		2.46		2.42		2.42		2.37		2.25		2.16		2.10		1.91	
80	750	TC	6.0	5.5	6.6	6.1	8.8	8.1	11.8	10.7	15.1	13.7	17.3	15.1	19.3	19.3	20.1	20.1	21.8	21.8	28.0	28.0
		kW	2.58		2.54		2.54		2.53		2.54		2.52		2.47		2.43		2.39		2.27	
	850	TC	8.6	7.9	9.5	8.8	12.7	11.7	15.1	13.8	16.2	14.7	18.7	16.4	20.6	20.6	21.3	21.3	23.0	23.0	29.2	29.2
		kW	2.63		2.59		2.59		2.58		2.59		2.58		2.50		2.44		2.39		2.23	
	950	TC	9.5	8.8	10.5	9.7	13.9	12.7	16.4	15.0	17.6	15.9	20.3	17.8	22.2	22.2	22.8	22.8	24.4	24.4	30.7	30.7
		kW	2.73		2.69		2.69		2.68		2.69		2.68		2.60		2.52		2.46		2.27	

LEGEND:

TC - Heating Capacity (1000 Btuh) (Includes Indoor-Fan Motor Heat)
db - Dry Bulb
kW - Total Power Input (Includes Compressor Motor Power Input)
rh - Relative Humidity

NOTES:

1 Indicates integrated ratings
2 Integrated capacity is maximum (instantaneous) capacity less the effect of frost on the outdoor coil and the heat required to defrost it

HEATING EXPANDED PERFORMANCE (Heat Pump Mode)

Return Air (F db)	CFM (Standard Air)		PDX342 (High Capacity) Air Temperature Entering Outdoor Coil (F)									
			-10	0	10	17	20	30	40	47	50	60
60	1225	TC	17.8 16.5	17.8 16.4	20.8 19.1	23.6 21.5	24.9 22.5	29.5 25.8	34.6 34.6	39.2 39.2	41.6 41.6	51.3 51.3
		kW	2.83	2.83	2.86	2.87	2.91	3.04	3.20	3.34	3.38	3.57
	1400	TC	18.1 16.7	18.1 16.6	23.2 21.2	26.1 23.8	27.1 24.5	31.8 27.8	37.1 37.1	41.6 41.6	44.0 44.0	53.8 53.8
		kW	2.90	2.90	2.92	2.94	2.97	3.10	3.24	3.36	3.39	3.54
	1575	TC	18.2 16.8	18.2 16.8	22.9 21.0	27.3 24.8	29.1 26.4	34.0 29.8	39.3 39.3	43.7 43.7	46.2 46.2	56.0 56.0
		kW	2.94	2.94	2.96	2.98	3.01	3.14	3.27	3.38	3.39	3.51
70	1225	TC	16.5 15.3	16.5 15.2	19.1 17.5	21.5 19.6	22.8 20.7	27.2 23.9	32.2 32.2	36.6 36.6	38.9 38.9	48.3 48.3
		kW	3.09	3.09	3.14	3.16	3.20	3.35	3.51	3.67	3.71	3.90
	1400	TC	15.9 14.7	15.9 14.6	21.7 19.9	24.2 22.1	25.1 22.8	29.5 25.8	34.6 34.6	39.0 39.0	41.3 41.3	50.6 50.6
		kW	3.15	3.15	3.21	3.22	3.27	3.41	3.56	3.69	3.72	3.86
	1575	TC	16.0 14.8	16.0 14.7	21.6 19.8	25.6 23.4	27.4 24.8	31.8 27.9	36.7 36.7	41.1 41.1	43.4 43.4	52.9 52.9
		kW	3.19	3.19	3.25	3.27	3.31	3.45	3.59	3.70	3.72	3.84
80	1225	TC	15.1 13.9	15.1 13.9	17.5 16.0	19.4 17.7	20.6 18.7	25.0 21.9	29.9 29.9	34.3 34.3	36.5 36.5	45.6 45.6
		kW	3.37	3.37	3.44	3.47	3.52	3.69	3.87	4.03	4.08	4.28
	1400	TC	15.1 13.9	15.1 13.9	20.1 18.4	22.4 20.5	23.3 21.2	27.2 23.8	32.2 32.2	36.5 36.5	38.8 38.8	47.8 47.8
		kW	3.43	3.43	3.51	3.54	3.59	3.75	3.92	4.05	4.08	4.23
	1575	TC	15.2 14.1	15.2 14.0	20.1 18.5	24.0 21.9	25.6 23.2	29.8 26.2	34.3 34.3	38.5 38.5	40.8 40.8	49.6 49.6
		kW	3.47	3.47	3.55	3.58	3.63	3.79	3.95	4.07	4.09	4.21

Return Air (F db)	CFM (Standard Air)		PDX342 (Low Capacity) Air Temperature Entering Outdoor Coil (F)									
			-10	0	10	17	20	30	40	47	50	60
60	800	TC	8.9 8.2	12.5 11.5	18.4 16.9	23.7 21.6	24.7 22.4	28.2 24.7	29.9 29.9	29.4 29.4	31.8 31.8	40.6 40.6
		kW	2.36	2.48	2.51	2.51	2.48	2.39	2.30	2.26	2.26	2.30
	900	TC	12.4 11.5	14.2 13.1	20.3 18.6	25.5 23.3	26.5 24.0	29.6 25.9	31.1 31.1	30.4 30.4	32.9 32.9	42.0 42.0
		kW	2.35	2.47	2.51	2.50	2.47	2.36	2.26	2.20	2.20	2.21
	1000	TC	15.2 14.1	16.8 15.5	22.0 20.2	27.1 24.7	28.3 25.7	30.2 26.5	32.1 32.1	31.4 31.4	33.9 33.9	43.2 43.2
		kW	2.34	2.47	2.50	2.49	2.46	2.33	2.22	2.15	2.15	2.15
70	800	TC	9.6 8.8	9.6 8.8	14.9 13.7	19.6 17.9	20.9 18.9	24.5 21.5	26.6 26.6	26.5 26.5	28.8 28.8	37.3 37.3
		kW	2.64	2.64	2.72	2.74	2.72	2.63	2.55	2.50	2.51	2.56
	900	TC	10.6 9.8	11.2 10.3	16.7 15.3	21.4 19.5	22.6 20.5	27.0 23.6	27.7 27.7	27.5 27.5	29.9 29.9	38.6 38.6
		kW	2.42	2.63	2.71	2.73	2.70	2.60	2.50	2.44	2.45	2.47
	1000	TC	13.0 12.0	12.6 11.6	18.4 16.9	23.2 21.2	24.4 22.1	27.3 23.9	28.7 28.7	28.3 28.3	30.8 30.8	39.7 39.7
		kW	2.41	2.63	2.71	2.72	2.69	2.58	2.46	2.40	2.39	2.40
80	800	TC	6.4 5.9	6.8 6.2	11.5 10.5	15.9 14.5	16.9 15.4	20.8 18.2	23.3 23.3	23.6 23.6	25.9 25.9	34.1 34.1
		kW	2.47	2.79	2.94	2.98	2.97	2.90	2.82	2.78	2.80	2.86
	900	TC	8.3 7.7	8.4 7.7	19.0 17.4	17.7 16.1	18.7 17.0	22.2 19.4	24.4 24.4	24.6 24.6	26.9 26.9	35.3 35.3
		kW	2.46	2.79	2.93	2.97	2.95	2.87	2.77	2.72	2.72	2.76
	1000	TC	7.9 7.3	10.5 9.7	14.8 13.6	19.4 17.7	20.4 18.5	23.5 20.6	25.4 25.4	25.4 25.4	27.7 27.7	36.4 36.4
		kW	2.35	2.78	2.93	2.97	2.95	2.85	2.74	2.67	2.67	2.69

LEGEND:

TC - Heating Capacity (1000 Btuh) (Includes Indoor-Fan Motor Heat)
db - Dry Bulb
kW - Total Power Input (Includes Compressor Motor Power Input)
rh - Relative Humidity

NOTES:

1 Indicates integrated ratings
2 Integrated capacity is maximum (instantaneous) capacity less the effect of frost on the outdoor coil and the heat required to defrost it

HEATING EXPANDED PERFORMANCE (Heat Pump Mode)

Return Air (F db)	CFM (Standard Air)		PDX348 (High Capacity) Air Temperature Entering Outdoor Coil (F)									
			-10	0	10	17	20	30	40	47	50	60
60	1400	TC	14.4 13.3	18.3 16.8	21.4 19.6	24.4 22.3	26.0 23.6	32.1 28.2	39.3 39.3	45.6 45.6	48.4 48.4	59.3 59.3
		kW	2.77	2.85	2.86	2.88	2.94	3.14	3.34	3.52	3.55	3.71
	1600	TC	14.9 13.8	19.9 18.3	23.8 21.8	26.5 24.2	28.2 25.6	34.7 30.4	42.1 42.1	48.4 48.4	51.2 51.2	62.2 62.2
		kW	2.91	2.91	2.92	2.94	3.00	3.20	3.39	3.55	3.57	3.69
	1800	TC	13.3 12.3	17.7 16.3	25.5 23.4	28.9 26.4	30.2 27.4	36.9 32.4	44.6 44.6	50.9 50.9	53.7 53.7	64.8 64.8
		kW	2.93	2.93	2.96	2.98	3.04	3.24	3.43	3.57	3.59	3.68
70	1400	TC	12.1 11.2	16.3 15.0	19.1 17.5	22.1 20.2	23.7 21.5	29.5 25.8	36.3 36.3	42.3 42.3	45.0 45.0	55.3 55.3
		kW	3.12	3.12	3.16	3.16	3.22	3.43	3.66	3.85	3.88	4.04
	1600	TC	13.9 12.9	18.6 17.1	21.5 19.7	24.2 22.1	25.7 23.3	31.9 28.0	39.0 39.0	45.0 45.0	47.6 47.6	58.0 58.0
		kW	3.18	3.18	3.24	3.22	3.28	3.50	3.71	3.88	3.90	4.02
	1800	TC	13.9 12.8	18.5 17.0	24.0 22.1	26.5 24.1	27.8 25.2	34.1 29.8	41.5 41.5	47.5 47.5	50.1 50.1	60.6 60.6
		kW	3.22	3.22	3.28	3.27	3.33	3.54	3.75	3.90	3.92	4.01
80	1400	TC	9.4 8.7	12.6 11.6	16.8 15.4	19.9 18.1	21.3 19.4	26.9 23.6	33.4 33.4	39.2 39.2	41.7 41.7	51.6 51.6
		kW	3.49	3.49	3.49	3.51	3.56	3.77	4.02	4.22	4.25	4.42
	1600	TC	12.6 11.7	16.8 15.5	19.2 17.7	21.7 19.8	22.4 20.3	29.2 25.6	36.0 36.0	41.8 41.8	44.3 44.3	54.3 54.3
		kW	3.47	3.47	3.56	3.58	3.64	3.84	4.07	4.25	4.28	4.40
	1800	TC	13.0 12.0	17.3 15.9	21.7 19.9	24.0 21.9	25.3 23.0	31.2 27.3	38.3 38.3	44.3 44.3	46.7 46.7	56.7 56.7
		kW	3.50	3.50	3.59	3.63	3.67	3.88	4.11	4.28	4.29	4.39

Return Air (F db)	CFM (Standard Air)		PDX348 (Low Capacity) Air Temperature Entering Outdoor Coil (F)									
			-10	0	10	17	20	30	40	47	50	60
60	950	TC	8.5 7.8	10.7 9.8	15.0 13.7	18.5 16.9	19.9 18.0	24.2 21.2	29.0 29.0	32.5 32.5	35.0 35.0	38.5 38.5
		kW	2.29	2.30	2.30	2.27	2.29	2.34	2.39	2.43	2.41	2.13
	1100	TC	11.7 10.9	12.2 11.2	16.8 15.5	20.6 18.8	21.8 19.8	26.0 22.8	30.6 30.6	34.1 34.1	36.6 36.6	46.1 46.1
		kW	2.29	2.30	2.30	2.26	2.28	2.32	2.34	2.36	2.33	2.26
	1250	TC	11.5 10.6	14.5 13.3	18.5 17.0	21.2 19.3	23.6 21.4	27.8 24.3	32.2 32.2	35.5 35.5	38.1 38.1	47.8 47.8
		kW	2.25	2.30	2.30	2.27	2.28	2.31	2.32	2.31	2.28	2.18
70	950	TC	7.3 6.8	8.4 7.7	12.3 11.3	15.6 14.2	17.0 15.4	21.0 18.4	25.7 25.7	29.2 29.2	31.5 31.5	40.3 40.3
		kW	2.45	2.52	2.52	2.50	2.54	2.62	2.69	2.75	2.73	2.70
	1100	TC	10.3 9.5	9.9 9.1	14.0 12.9	17.5 16.0	18.7 16.9	22.8 20.0	27.4 27.4	30.7 30.7	33.1 33.1	42.1 42.1
		kW	2.44	2.51	2.52	2.50	2.53	2.60	2.65	2.68	2.65	2.58
	1250	TC	10.8 10.0	13.4 12.3	14.9 13.7	16.4 15.0	17.5 15.9	21.5 18.8	26.2 26.2	34.5 34.5	43.7 43.7	43.7 43.7
		kW	2.41	2.52	2.52	2.50	2.53	2.60	2.62	2.64	2.60	2.50
80	950	TC	6.1 5.6	6.0 5.5	9.6 8.8	12.6 11.5	13.9 12.6	17.9 15.7	22.5 22.5	25.9 25.9	28.1 28.1	36.6 36.6
		kW	2.59	2.79	2.77	2.76	2.81	2.93	3.03	3.11	3.09	3.08
	1100	TC	7.1 6.6	7.6 7.0	11.3 10.3	14.5 13.2	15.7 14.2	19.7 17.2	24.0 24.0	27.4 27.4	29.6 29.6	38.3 38.3
		kW	2.78	2.78	2.77	2.76	2.80	2.91	2.99	3.04	3.01	2.96
	1250	TC	9.7 9.0	9.9 9.1	12.8 11.7	16.1 14.7	17.4 15.7	21.4 18.7	25.5 25.5	28.8 28.8	31.1 31.1	39.8 39.8
		kW	2.57	2.78	2.77	2.76	2.80	2.91	2.96	2.99	2.96	2.87

LEGEND:

TC - Heating Capacity (1000 Btuh) (Includes Indoor-Fan Motor Heat)
db - Dry Bulb
kW - Total Power Input (Includes Compressor Motor Power Input)
rh - Relative Humidity

NOTES:

1 Indicates integrated ratings
2 Integrated capacity is maximum (instantaneous) capacity less the effect of frost on the outdoor coil and the heat required to defrost it

HEATING EXPANDED PERFORMANCE (Heat Pump Mode)

Return Air (F db)	CFM (Standard Air)		PDX360 (High Capacity) Air Temperature Entering Outdoor Coil (F)									
			-10	0	10	17	20	30	40	47	50	60
60	1750	TC	11.7 10.8	15.6 14.3	20.7 19.0	27.7 25.2	30.5 27.7	36.8 32.2	46.9 46.9	55.7 55.7	58.9 58.9	71.4 71.4
		kW	3.29	3.29	3.30	3.31	3.43	3.85	4.32	4.70	4.77	5.06
	2000	TC	8.4 7.8	11.3 10.4	15.2 13.9	20.3 18.5	27.8 25.2	40.3 35.3	49.2 49.2	57.8 57.8	61.1 61.1	74.4 74.4
		kW	2.93	3.00	3.06	3.13	3.31	3.74	4.19	4.54	4.59	4.81
	2250	TC	8.6 7.9	11.4 10.5	15.2 13.9	20.2 18.4	27.5 25.0	39.6 34.7	52.6 52.6	61.5 61.5	64.5 64.5	76.8 76.8
		kW	3.22	3.25	3.28	3.31	3.45	3.84	4.24	4.57	4.62	4.77
70	1750	TC	11.0 10.1	14.6 13.5	19.5 17.9	26.0 23.7	28.8 26.1	34.6 30.3	44.1 44.1	52.6 52.6	55.7 55.7	68.2 68.2
		kW	3.60	3.61	3.62	3.63	3.76	4.21	4.73	5.14	5.21	5.49
	2000	TC	8.0 7.4	10.7 9.9	14.4 13.2	19.2 17.5	26.4 23.9	38.2 33.5	46.9 46.9	54.8 54.8	57.9 57.9	71.0 71.0
		kW	3.29	3.35	3.41	3.47	3.65	4.11	4.58	4.97	5.02	5.24
	2250	TC	8.0 7.4	10.6 9.8	14.1 13.0	18.8 17.1	25.6 23.2	36.9 32.3	50.1 50.1	59.0 59.0	61.8 61.8	73.5 73.5
		kW	3.56	3.59	3.61	3.64	3.78	4.21	4.64	5.00	5.04	5.20
80	1750	TC	10.3 9.5	13.7 12.6	18.2 16.7	24.3 22.2	27.0 24.4	33.1 29.0	41.3 41.3	49.5 49.5	52.6 52.6	65.5 65.5
		kW	3.93	3.95	3.96	3.97	4.12	4.61	5.18	5.63	5.70	5.97
	2000	TC	7.5 6.9	10.1 9.3	13.5 12.4	18.1 16.5	24.8 22.5	35.9 31.5	45.1 45.1	52.5 52.5	55.4 55.4	68.2 68.2
		kW	3.67	3.73	3.78	3.84	4.02	4.52	5.03	5.44	5.49	5.72
	2250	TC	7.2 6.6	9.5 8.8	12.7 11.6	16.8 15.3	22.9 20.8	33.1 29.0	47.4 47.4	56.5 56.5	59.5 59.5	70.4 70.4
		kW	3.82	3.86	3.90	3.95	4.12	4.60	5.09	5.46	5.50	5.66

Return Air (F db)	CFM Standard Air		PDX360 (Low Capacity) Air Temperature Entering Outdoor Coil (F)									
			-10	0	10	17	20	30	40	47	50	60
60	1125	TC	11.8 10.9	15.8 14.5	19.7 18.1	23.0 21.0	24.4 22.2	29.9 26.2	36.4 36.4	41.8 41.8	44.6 44.6	55.4 55.4
		kW	2.95	2.90	2.85	2.82	5.54	14.59	23.83	30.62	30.85	31.96
	1300	TC	12.3 11.3	16.4 15.0	21.8 20.0	25.0 22.8	26.3 23.9	31.6 27.7	38.1 38.1	43.6 43.6	46.5 46.5	57.7 57.7
		kW	2.93	2.88	2.83	2.79	5.47	14.25	23.03	29.36	29.48	30.16
	1475	TC	14.5 13.4	16.8 15.5	25.7 23.6	27.0 24.6	28.4 25.7	33.4 29.3	39.7 39.7	45.2 45.2	48.1 48.1	59.6 59.6
		kW	2.94	2.89	2.83	2.78	5.43	14.04	22.48	28.46	28.49	28.87
70	1125	TC	11.0 10.1	14.6 13.4	17.3 15.9	20.4 18.6	21.8 19.8	27.1 23.8	33.4 33.4	38.5 38.5	41.2 41.2	51.6 51.6
		kW	3.28	3.24	3.20	3.17	6.23	16.44	26.88	34.55	34.81	36.02
	1300	TC	15.1 14.0	20.2 18.6	19.4 17.8	22.5 20.5	23.8 21.6	28.8 25.2	35.0 35.0	40.2 40.2	43.0 43.0	53.7 53.7
		kW	3.30	3.24	3.18	3.14	6.16	16.09	26.03	33.20	33.34	34.10
	1475	TC	14.0 13.0	18.7 17.2	25.0 22.9	24.5 22.4	25.8 23.4	30.6 26.8	36.5 36.5	41.7 41.7	44.6 44.6	55.6 55.6
		kW	3.30	3.24	3.19	3.13	6.13	15.88	25.45	32.25	32.30	32.71
80	1125	TC	10.5 9.7	13.9 12.8	14.8 13.6	17.8 16.3	19.1 17.3	24.3 21.3	30.4 30.4	35.2 35.2	37.7 37.7	47.7 47.7
		kW	3.63	3.61	3.58	3.55	7.00	18.49	30.28	38.93	39.21	40.66
	1300	TC	6.3 5.9	8.5 7.8	19.0 17.4	15.0 13.7	19.9 18.0	25.9 22.7	32.0 32.0	36.8 36.8	39.5 39.5	49.9 49.9
		kW	3.49	3.48	3.48	3.48	6.86	18.12	29.37	37.49	37.64	38.59
	1475	TC	13.6 12.6	18.1 16.7	24.2 22.2	23.0 21.0	23.1 21.0	27.8 24.3	33.5 33.5	38.4 38.4	41.1 41.1	51.6 51.6
		kW	3.67	3.62	3.57	3.52	6.90	17.92	28.76	36.47	36.53	37.05

LEGEND:

TC - Heating Capacity (1000 Btuh) (Includes Indoor-Fan Motor Heat)
db - Dry Bulb
kW - Total Power Input (Includes Compressor Motor Power Input)
rh - Relative Humidity

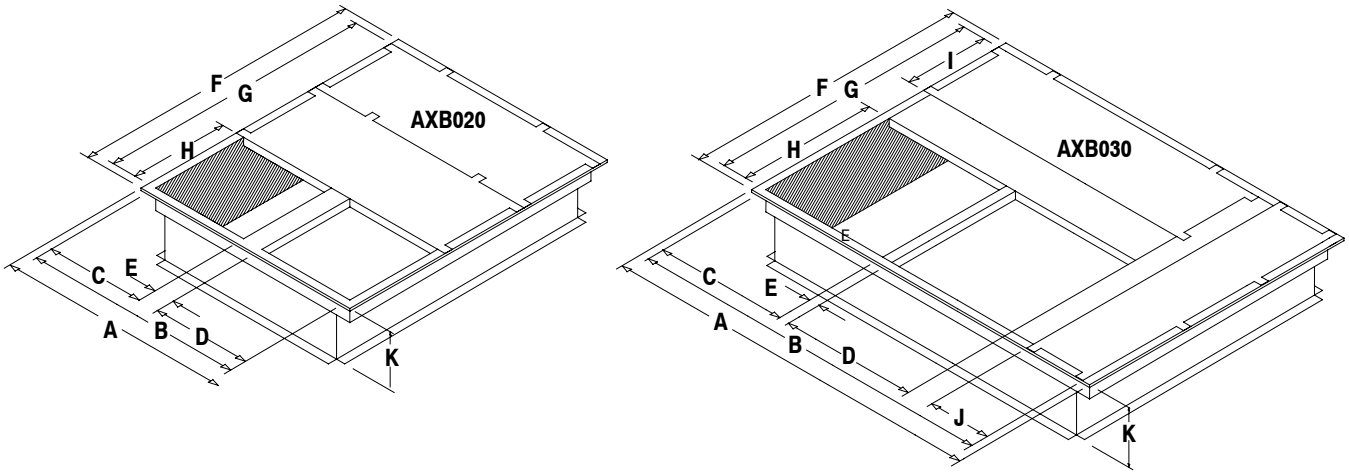
NOTES:

1 Indicates integrated ratings
2 Integrated capacity is maximum (instantaneous) capacity less the effect of frost on the outdoor coil and the heat required to defrost it

ACCESSORIES

ROOF CURBS

Model Number	Height (K)	Use With Model Size
AXB020CLA	8”	24, 30, 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	24, 30, 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	24, 30, 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	24, 30, 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	24, 30, 36
AXB030HED				42, 48, 60
AXB020EMD	Downflow			24, 30, 36
AXB030EME				42, 48, 60
AXB020HPE	Horizontal	Fully Modulating w/ Return Air Damper w/ Relief Damper	Dry Bulb Only	24, 30, 36
AXB030HPE				42, 48, 60
AXB020EPE	Downflow			24, 30, 36
AXB030EPF				42, 48, 60

* Three position economizers no longer available.
Economizers for model sizes 24, 30, and 36 include Filters and Filter Racks.
Economizers for model sizes 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, 36
AXB030FAC		42, 48, 60
AXB020FMC	Motorized	24, 30, 36
AXB030FMC		42, 48, 60

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

FILTER RACK and FILTER *

Model Number	Application	Filter Location	Filter Size	Use With Model Size
AXB020FKA	Downflow	Internal	18 x 25 x 1	24, 30, 36
AXB020FHC	Horizontal	External	20 x 25 x 1	

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

LOW AMBIENT CONTROL

FAST Part Number	Description	Use With Model Size
1148232	Freeze 'stat, opens 30° F, closes 50° F	ALL
ALA14CU0A	R-410A Low Ambient Control	ALL

COIL PROTECTION

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

OUTDOOR THERMOSTAT

Model Number	Description	Use With Model Size
AMF002OTA	2 Stage, Electronic	ALL

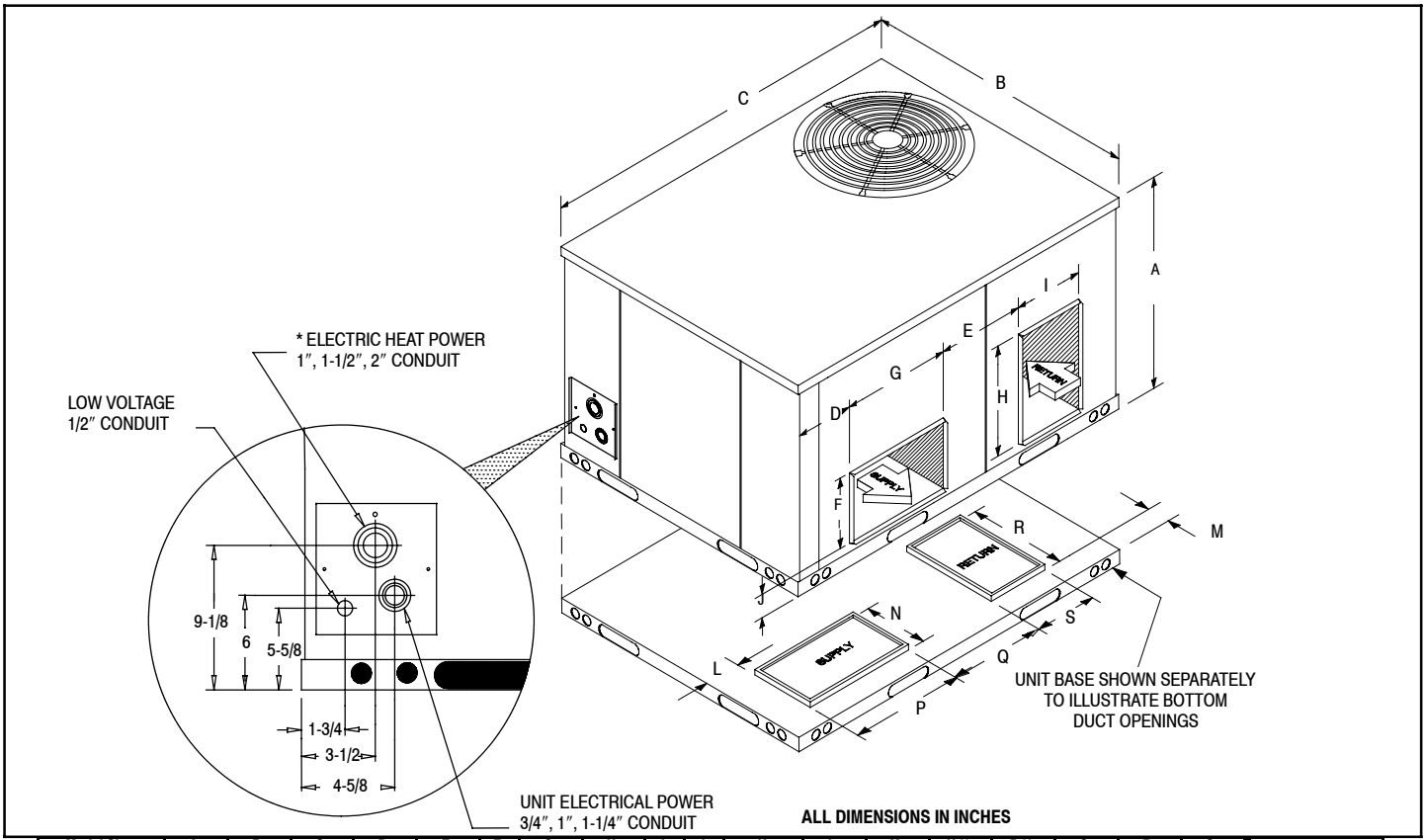
INDOOR THERMOSTAT

Model Number	Description	Use With Model Size
TSTAT0404	Two-stage heat, Two-stage cool – without humidification control	ALL
TSTAT0405	Two-stage heat, Two-stage cool – with humidification control	ALL

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
2, 2½, 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
3½, 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 NOMENCLATURE

MODEL SERIES	P	D	X	3	36	060	K	00	A	1
P = Package										
D = Dual Fuel										
X = R-410A										
3 = 13 SEER										
24 = 24,000 BTUH = 2 Tons										
30 = 30,000 BTUH = 2.5 Tons										
36 = 36,000 BTUH = 3 Tons										
42 = 42,000 BTUH = 3.5 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										
120 = 120,000										
NOMINAL HEATING BTUH										
K = 208/230-1-60										
VOLTAGE										
00 = No Options										
01 = Low NOx										
FACTORY INSTALLED OPTIONS										
Sales Model Digit										
Engineering Digit										

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.

HEAT PUMP SECTION

The unit is factory charged and operationally ready upon delivery. The unit refrigerant circuit has a high efficiency fully hermetic compressor with internal overload protection, and copper tube / aluminum fin evaporator and condenser coils. The unit is designed for cooling operation to 40º 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.

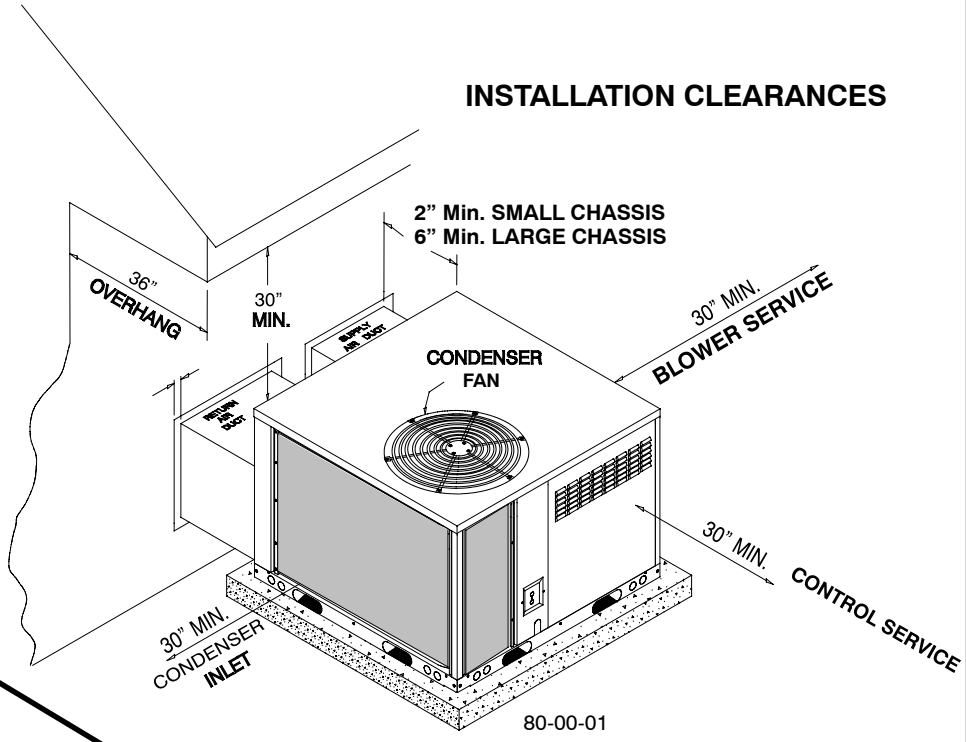
EVAPORATOR BLOWER

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

GAS HEATING SECTION

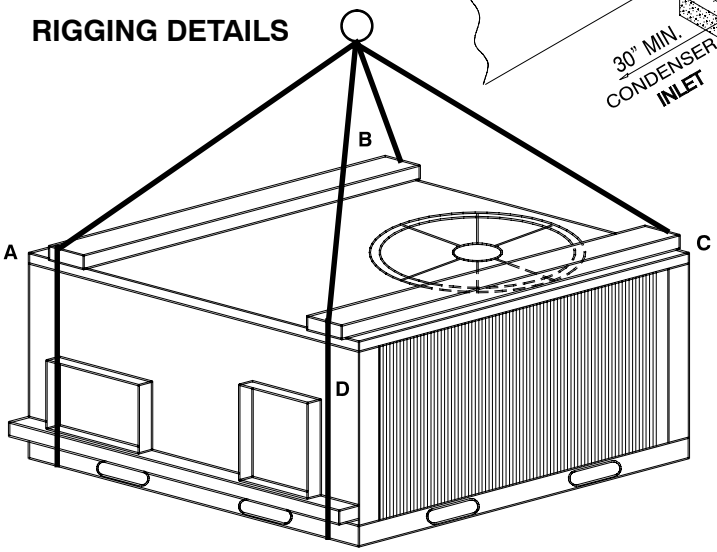
The gas-fired heating section features an induced draft blower for combustion air. The unit has an tubular stainless steel heat exchanger located on the discharge air side of the blower. The system uses in-shot burners ignited by a direct spark ignition system, protected by both a high heat limit switch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

INSTALLATION CLEARANCES



80-00-01

RIGGING DETAILS



OPERATING WEIGHTS (LBS)

MODEL	OPERATING WEIGHT TOTAL
PDX324	435
PDX330	436
PDX336	445
PDX342	615
PDX348	621
PDX360	650