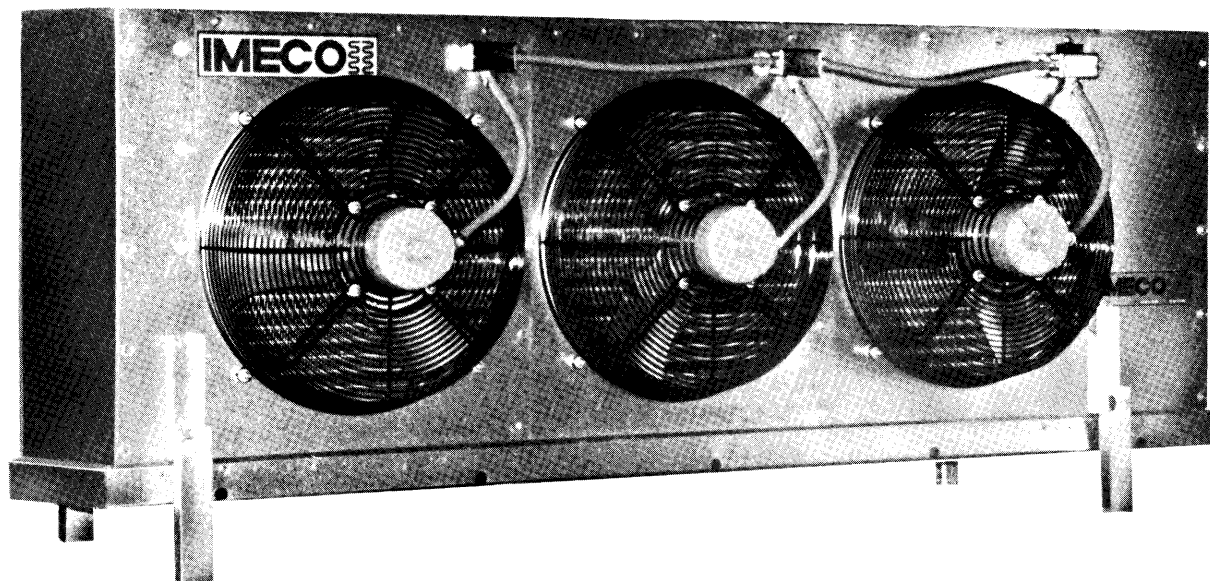


IMECO

GPX General Purpose Series Unit Coolers



USING EVAPORATORS FOR HEATING SERVICE
FORMULA: USE 95% OF DX RATING!

190 Models
Air, Hot Gas and Water Defrost

GPX-Series

The GPX-Series is the most extensive line of small to medium size unit coolers in the industry. Available in one to eight fan modules, fin spacings of 3, 4 and 6 fins per inch, overall unit heights of approximately 30, 35 and 40 inches. The capacity range is 1700 BTUH/°TD, liquid recirculation frosted coil operation, to 32,480 BTUH/°TD, liquid recirculation wet coil operation.

The series number corresponds to the approximate unit height for standard arrangements. As an example, the GPX-30 series

has an overall unit height of 30 inches, the GPX-35 series has an overall unit height of 35 inches, and the GPX-40 series, has an overall unit height of approximately 40 inches. In addition the GPX-40 series is available in three different face area and row deep combinations.

For assistance in selecting the right unit for your application, please don't hesitate to contact your local Imeco representative or the factory direct.

Standard Features

CASING The unit casing is fabricated with heavy gauge, corrosion resistant mill galvanized steel. Casing end panels are easily removed for internal inspection. Fan sections are compartmented with continuous tube sheets to allow fan cycling and to prevent idle fans from turning in reverse. Fan panels have deep spun orifices for efficient fan performance.

COIL The cooling coil is constructed with steel tubes staggered in the direction of air flow to assure maximum air turbulence and coil heat transfer efficiency.

The coil is available with 3, 4 or 6 fins per inch with tubes and fins supported by heavy gauge flanged tube sheets. The entire coil assembly is Hot Dip Galvanized After Fabrication. Coils are tested before and after galvanizing with 350 PSIG air pressure.

All coils can be circuited for:

Liquid Recirculation
Flooded Feed

Thermal Expansion
Brine Circulation

Each coil is circuited for the operating conditions it will be exposed to. This assures proper gas velocities through the tubes and that refrigerant pressure drops will be kept to a minimum.

DRAIN PAN The drain pan is constructed of heavy gauge mill galvanized steel and shipped in place on the unit. All pans are a smooth surface, sloped front to back with a back drain to assure rapid and complete condensate drainage.

MOTORS & FANS The fan motors are TEAO (Totally Enclosed Air Over) single or three phase, 1140 RPM with internal thermal overload protection. Aluminum propeller blades are direct connected to the motors and protected by rugged wire fan guards. Guards have a PVC coating for maximum corrosion resistance.

Optional Arrangements

INSULATED DRAIN PAN Polyurethane foam insulation is injected between the inner drain pan and outer cover. Both the inner drain pan and outer cover are fabricated from mill galvanized steel as standard equipment.

HOT GAS HEATED DRAIN PAN A multi-circuited pan coil is welded to the underside of the inner pan. The inner pan and pan coil are Hot Dip Galvanized After Fabrication as a one piece assembly. This coil design reduces pressure drop, increases hot gas flow and shortens overall defrost times.

PAN COIL CHECK VALVE A check valve piped in series can be provided connecting the pan coil outlet with the cooling coil hot gas inlet. This piping is mounted inside the unit casing.

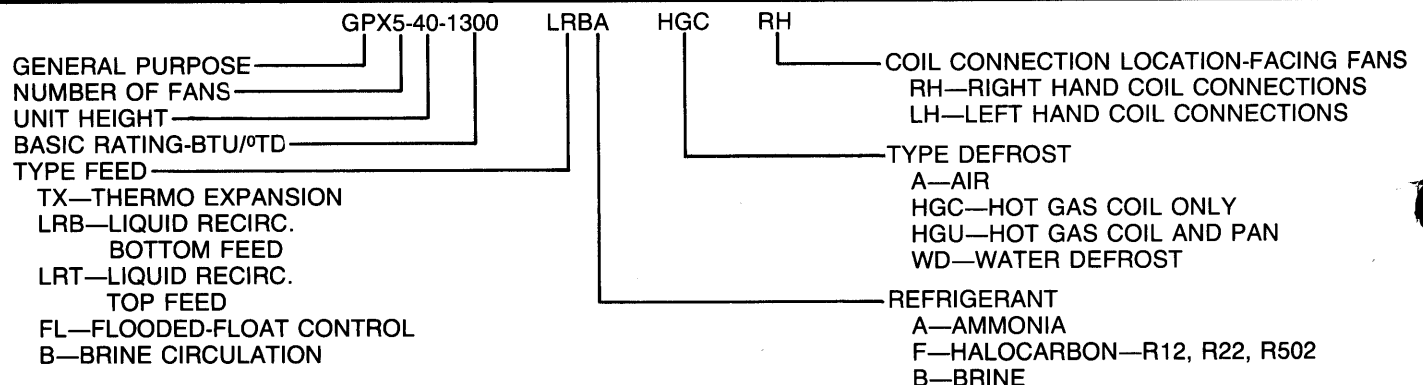
WATER DEFROST A spray tree with full coverage non-clogging nozzles and an over-sized drain pan connection are provided. Spray tree and nozzles are easily accessible.

ALUMINUM COIL The cooling coil is constructed from heavy wall aluminum tubing. The tubes are staggered in the direction of air flow and are mechanically expanded to form thermal efficient bonds with the aluminum fin. Coil connections are furnished with 150 PSIG steel companion flanges and isolation kits.

MOTOR WIRING Individual fan motors factory prewired to a junction box. A factory mounted disconnect means is also available.

"NOMINAL" FIN SPACING Increases secondary surface by "nominally" increasing fins per inch. Capacity increases approximately 3-5%. Not recommended for coils operating under frosting conditions.

KEY TO MODEL NUMBERS



GPX MODEL NUMBERS	CAPACITY DATA				COIL DATA				AIR DATA				APPROX. WGT. LBS.
	WET COIL		FROSTED COIL		FINS PER INCH	SQ.FT. FACE AREA	SQ.FT. COIL SURFACE	COIL VOL. FT	CFM	FPM	MOTORS QUANTITY & HP	SOUND LEVEL DBA	
	TX	LR	TX	LR									
GPX1-30-170	1560	1870	1420	1700	3	5.0	356	.61	3025	601	(1)-1/4	66.0	560
GPX1-30-180	1700	2040	1540	1850	4	5.0	457	.61	2930	582	(1)-1/4	66.0	590
GPX1-30-190	—	—	1580	1900	3	5.0	356	.61	3830	761	(1)-1/2	69.5	560
GPX1-30-205	—	—	1710	2050	4	5.0	457	.61	3640	723	(1)-1/2	69.5	590
GPX1-30-215	1980	2370	—	—	6	5.0	659	.61	2985	593	(1)-1/3	67.0	660
GPX2-30-340	3120	3740	2840	3400	3	10.1	712	1.07	6050	601	(2)-1/4	69.0	910
GPX2-30-370	3400	4080	3080	3700	4	10.1	914	1.07	5860	582	(2)-1/4	69.0	980
GPX2-30-380	—	—	3160	3800	3	10.1	712	1.07	7665	761	(2)-1/2	72.5	910
GPX2-30-410	—	—	3420	4100	4	10.1	914	1.07	7280	723	(2)-1/2	72.5	980
GPX2-30-430	3960	4740	—	—	6	10.1	1318	1.07	5970	593	(2)-1/3	70.0	1110
GPX3-30-510	4680	5610	4260	5100	3	15.1	1068	1.53	9080	601	(3)-1/4	70.3	1260
GPX3-30-555	5100	6120	4620	5550	4	15.1	1371	1.53	8790	582	(3)-1/4	70.3	1360
GPX3-30-570	—	—	4740	5700	3	15.1	1068	1.53	11495	761	(3)-1/2	73.8	1260
GPX3-30-615	—	—	5130	6150	4	15.1	1371	1.53	10920	723	(3)-1/2	73.8	1360
GPX3-30-645	5940	7110	—	—	6	15.1	1977	1.53	8955	593	(3)-1/3	71.3	1560
GPX4-30-680	6240	7480	5680	6800	3	20.1	1424	1.99	12105	601	(4)-1/4	71.3	1610
GPX4-30-740	6800	8160	6160	7400	4	20.1	1828	1.99	11720	582	(4)-1/4	71.3	1740
GPX4-30-760	—	—	6320	7600	3	20.1	1424	1.99	15325	761	(4)-1/2	74.8	1610
GPX4-30-820	—	—	6840	8200	4	20.1	1828	1.99	14560	723	(4)-1/2	74.8	1740
GPX4-30-860	7920	9480	—	—	6	20.1	2636	1.99	11940	593	(4)-1/3	72.3	2010
GPX5-30-850	7800	9350	7100	8500	3	25.2	1780	2.45	15130	601	(5)-1/4	71.9	1950
GPX5-30-925	8500	10200	7700	9250	4	25.2	2285	2.45	14650	582	(5)-1/4	71.9	2120
GPX5-30-950	—	—	7900	9500	3	25.2	1780	2.45	19155	761	(5)-1/2	75.4	1950
GPX5-30-1025	—	—	8550	10250	4	25.2	2285	2.45	18200	723	(5)-1/2	75.4	2120
GPX5-30-1075	9900	11850	—	—	6	25.2	3295	2.45	14930	593	(5)-1/3	72.9	2450
GPX6-30-1020	9360	11220	8520	10200	3	30.2	2136	2.91	18155	601	(6)-1/4	72.4	2300
GPX6-30-1110	10200	12240	9240	11100	4	30.2	2742	2.91	17580	582	(6)-1/4	72.4	2500
GPX6-30-1140	—	—	9480	11400	3	30.2	2136	2.91	22990	761	(6)-1/2	75.9	2300
GPX6-30-1230	—	—	10260	12300	4	30.2	2742	2.91	21840	723	(6)-1/2	75.9	2500
GPX6-30-1290	11880	14220	—	—	6	30.2	3954	2.91	17915	593	(6)-1/3	73.4	2900
GPX7-30-1190	10920	13090	9940	11900	3	35.2	2492	3.37	21180	601	(7)-1/4	72.8	2650
GPX7-30-1295	11900	14280	10780	12950	4	35.2	3199	3.37	20510	582	(7)-1/4	72.8	2880
GPX7-30-1330	—	—	11060	13300	3	35.2	2492	3.37	26820	761	(7)-1/2	76.3	2650
GPX7-30-1435	—	—	11970	14350	4	35.2	3199	3.37	25480	723	(7)-1/2	76.3	2880
GPX7-30-1505	13860	16590	—	—	6	35.2	4613	3.37	20900	593	(7)-1/3	73.8	3350
GPX8-30-1360	12480	14960	11360	13600	3	40.3	2848	3.84	24205	601	(8)-1/4	73.1	3000
GPX8-30-1480	13600	16320	12320	14800	4	40.3	3656	3.84	23440	582	(8)-1/4	73.1	3270
GPX8-30-1520	—	—	12640	15200	3	40.3	2848	3.84	30650	761	(8)-1/2	76.6	3000
GPX8-30-1640	—	—	13680	16400	4	40.3	3656	3.84	29120	723	(8)-1/2	76.6	3270
GPX8-30-1720	15840	18960	—	—	6	40.3	5272	3.84	23885	593	(8)-1/3	74.1	3800

1. Shaded units have higher face velocities and should only be used in applications with room temperatures below 32°F. Use in higher temperature rooms may result in moisture carry-over.
2. Capacity ratings are based on sensible heat removal and are expressed in BTUH/°F TD for wet and frosted coil operation. The temperature difference or TD is the difference between the room temperature and the coil evaporation temperature.
3. TX feed is not recommended for suction temperatures below 0°F. A minimum of 12°F TD is recommended with TX feed for optimum coil performance.
4. Sound levels are shown in decibels on the "A" scale. Sound levels were measured at a distance of 6' from the unit. Levels may vary with changes in room size and surface environment.
5. Motors operating in low temperature rooms may draw in excess of motor nameplate amps. Motor amp reading should be taken after pull down and correct heaters should then be installed.
6. For brine feed capacity ratings, consult factory. Give capacity requirements, type of brine, percentage, temperature and GPM available.

GPX MODEL NUMBERS	CAPACITY DATA				COIL DATA				AIR DATA				APPROX. WGT. LBS.
	WET COIL		FROSTED COIL		FINS PER INCH	SQ. FT. FACE AREA	SQ. FT. COIL SURFACE	COIL VOL. FT	CFM	FPM	MOTORS QUANTITY & HP	SOUND LEVEL DBA	
	TX	LR	TX	LR									
GPX1-35-210	1930	2310	1750	2100	3	6.0	428	.73	3765	623	(1)-1/4	66.5	610
GPX1-35-225	2070	2480	1880	2250	4	6.0	549	.73	3625	600	(1)-1/4	66.5	650
GPX1-35-230	—	—	1920	2300	3	6.0	428	.73	4630	766	(1)-1/2	69.5	610
GPX1-35-245	—	—	2040	2450	4	6.0	549	.73	4370	723	(1)-1/2	69.5	650
GPX1-35-255	2340	2810	—	—	6	6.0	791	.73	3630	601	(1)-1/3	67.5	730
GPX2-35-420	3860	4620	3500	4200	3	12.1	856	1.29	7530	623	(2)-1/4	69.5	1000
GPX2-35-450	4140	4960	3760	4500	4	12.1	1098	1.29	7250	600	(2)-1/4	69.5	1080
GPX2-35-460	—	—	3840	4600	3	12.1	856	1.29	9255	766	(2)-1/2	72.5	1000
GPX2-35-490	—	—	4080	4900	4	12.1	1098	1.29	8735	723	(2)-1/2	72.5	1080
GPX2-35-510	4680	5620	—	—	6	12.1	1582	1.29	7260	601	(2)-1/3	70.5	1240
GPX3-35-630	5790	6930	5250	6300	3	18.1	1284	1.83	11290	623	(3)-1/4	70.8	1390
GPX3-35-675	6210	7440	5640	6750	4	18.1	1647	1.83	10875	600	(3)-1/4	70.8	1510
GPX3-35-690	—	—	5760	6900	3	18.1	1284	1.83	13885	766	(3)-1/2	73.8	1390
GPX3-35-735	—	—	6120	7350	4	18.1	1647	1.83	13105	723	(3)-1/2	73.8	1510
GPX3-35-765	7020	8430	—	—	6	18.1	2373	1.83	10895	601	(3)-1/3	71.8	1750
GPX4-35-840	7720	9240	7000	8400	3	24.2	1712	2.39	15055	623	(4)-1/4	71.8	1790
GPX4-35-900	8280	9920	7520	9000	4	24.2	2196	2.39	14500	600	(4)-1/4	71.8	1950
GPX4-35-920	—	—	7680	9200	3	24.2	1712	2.39	18510	766	(4)-1/2	74.8	1790
GPX4-35-980	—	—	8160	9800	4	24.2	2196	2.39	17475	723	(4)-1/2	74.8	1950
GPX4-35-1020	9360	11240	—	—	6	24.2	3164	2.39	14525	601	(4)-1/3	72.8	2270
GPX5-35-1050	9650	11550	8750	10500	3	30.2	2140	2.94	18820	623	(5)-1/4	72.4	2180
GPX5-35-1125	10350	12400	9400	11250	4	30.2	2745	2.94	18125	600	(5)-1/4	72.4	2380
GPX5-35-1150	—	—	9600	11500	3	30.2	2140	2.94	23140	766	(5)-1/2	75.4	2180
GPX5-35-1225	—	—	10200	12250	4	30.2	2745	2.94	21840	723	(5)-1/2	75.4	2380
GPX5-35-1275	11700	14050	—	—	6	30.2	3955	2.94	18155	601	(5)-1/3	73.4	2780
GPX6-35-1260	11580	13860	10500	12600	3	36.3	2568	3.50	22585	623	(6)-1/4	72.9	2580
GPX6-35-1350	12420	14880	11280	13500	4	36.3	3294	3.50	21750	600	(6)-1/4	72.9	2820
GPX6-35-1380	—	—	11520	13800	3	36.3	2568	3.50	27770	766	(6)-1/2	75.9	2580
GPX6-35-1470	—	—	12240	14700	4	36.3	3294	3.50	26210	723	(6)-1/2	75.9	2820
GPX6-35-1530	14040	16860	—	—	6	36.3	4746	3.50	21785	601	(6)-1/3	73.9	3290
GPX7-35-1470	13510	16170	12250	14700	3	42.3	2996	4.05	26350	623	(7)-1/4	73.3	2970
GPX7-35-1575	14490	17360	13160	15750	4	42.3	3843	4.05	25375	600	(7)-1/4	73.3	3250
GPX7-35-1610	—	—	13440	16100	3	42.3	2996	4.05	32395	766	(7)-1/2	76.3	2970
GPX7-35-1715	—	—	14280	17150	4	42.3	3843	4.05	30575	723	(7)-1/2	76.3	3250
GPX7-35-1785	16380	19670	—	—	6	42.3	5537	4.05	25415	601	(7)-1/3	74.3	3610
GPX8-35-1680	15440	18480	14000	16800	3	48.3	3424	4.60	30110	623	(8)-1/4	73.6	3360
GPX8-35-1800	16560	19840	15040	18000	4	48.3	4392	4.60	29000	600	(8)-1/4	73.6	3690
GPX8-35-1840	—	—	15360	18400	3	48.3	3424	4.60	37025	766	(8)-1/2	76.6	3360
GPX8-35-1960	—	—	16320	19600	4	48.3	4392	4.60	34945	723	(8)-1/2	76.6	3680
GPX8-35-2040	18720	22480	—	—	6	48.3	6328	4.60	29050	601	(8)-1/3	74.6	4320

1. Shaded units have higher face velocities and should only be used in applications with room temperatures below 32°F. Use in higher temperature rooms may result in moisture carry-over.
2. Capacity ratings are based on sensible heat removal and are expressed in BTUH/°F TD for wet and frosted coil operation. The temperature difference or TD is the difference between the room temperature and the coil evaporation temperature.
3. TX feed is not recommended for suction temperatures below 0°F. A minimum of 12°F TD is recommended with TX feed for optimum coil performance.
4. Sound levels are shown in decibels on the "A" scale. Sound levels were measured at a distance of 6' from the unit. Levels may vary with changes in room size and surface environment.
5. Motors operating in low temperature rooms may draw in excess of motor nameplate amps. Motor amp reading should be taken after pull down and correct heaters should then be installed.
6. For brine feed capacity ratings, consult factory. Give capacity requirements, type of brine, percentage, temperature and GPM available.

GPX MODEL NUMBERS	CAPACITY DATA				COIL DATA				AIR DATA				APPROX. WGT. LBS.
	WET COIL		FROSTED COIL		FINS PER INCH	SQ.FT. FACE AREA	SQ.FT. COIL SURFACE	COIL VOL. FT	CFM	FPM	MOTORS QUANTITY & HP	SOUND LEVEL DBA	
	TX	LR	TX	LR									
GPX1-40-245	2250	2700	2040	2450	3	7.0	499	.85	4370	620	(1)-1/3	68.5	670
GPX1-40-260	2380	2860	2170	2600	4	7.0	640	.85	4230	600	(1)-1/3	68.5	710
GPX1-40-265	—	—	2210	2650	3	7.0	499	.85	5220	740	(1)-1/2	69.5	670
GPX1-40-285	—	—	2380	2850	4	7.0	640	.85	5000	710	(1)-1/2	69.5	710
GPX1-40-305	2800	3360	—	—	6	7.0	923	.85	4370	620	(1)-1/2	69.5	800
GPX2-40-490	4500	5400	4080	4900	3	14.1	998	1.50	8740	620	(2)-1/3	71.5	1100
GPX2-40-520	4760	5720	4340	5200	4	14.1	1280	1.50	8460	600	(2)-1/3	71.5	1190
GPX2-40-530	—	—	4420	5300	3	14.1	998	1.50	10440	740	(2)-1/2	72.5	1100
GPX2-40-570	—	—	4760	5700	4	14.1	1280	1.50	10000	710	(2)-1/2	72.5	1190
GPX2-40-610	5600	6720	—	—	6	14.1	1846	1.50	8740	620	(2)-1/2	72.5	1360
GPX3-40-735	6750	8100	6120	7350	3	21.1	1497	2.14	13110	620	(3)-1/3	72.8	1520
GPX3-40-780	7140	8580	6510	7800	4	21.1	1920	2.14	12690	600	(3)-1/3	72.8	1660
GPX3-40-795	—	—	6630	7950	3	21.1	1497	2.14	15660	740	(3)-1/2	73.8	1520
GPX3-40-855	—	—	7140	8550	4	21.1	1920	2.14	15000	710	(3)-1/2	73.8	1660
GPX3-40-915	8400	10090	—	—	6	21.1	2769	2.14	13110	620	(3)-1/2	73.8	1930
GPX4-40-980	9000	10800	8160	9800	3	28.2	1996	2.79	17480	620	(4)-1/3	73.8	1950
GPX4-40-1040	9520	11440	8680	10400	4	28.2	2560	2.79	16920	600	(4)-1/3	73.8	2130
GPX4-40-1060	—	—	8840	10600	3	28.2	1996	2.79	20880	740	(4)-1/2	74.8	1950
GPX4-40-1140	—	—	9520	11400	4	28.2	2560	2.79	20000	710	(4)-1/2	74.8	2130
GPX4-40-1220	11200	13400	—	—	6	28.2	3692	2.79	17480	620	(4)-1/2	74.8	2490
GPX5-40-1225	11250	13500	10200	12250	3	35.2	2495	3.43	21850	620	(5)-1/3	74.4	2370
GPX5-40-1300	11900	14300	10850	13000	4	35.2	3200	3.43	21150	600	(5)-1/3	74.4	2600
GPX5-40-1325	—	—	11050	13250	3	35.2	2495	3.43	26100	740	(5)-1/2	75.4	2370
GPX5-40-1425	—	—	11900	14250	4	35.2	3200	3.43	25000	710	(5)-1/2	75.4	2600
GPX5-40-1525	14000	16800	—	—	6	35.2	4615	3.43	21850	620	(5)-1/2	75.4	3050
GPX6-40-1470	13500	16200	12240	14700	3	42.3	2994	4.08	26220	620	(6)-1/3	74.9	2800
GPX6-40-1560	14280	17160	13020	15600	4	42.3	3840	4.08	25380	600	(6)-1/3	74.9	3070
GPX6-40-1590	—	—	13260	15900	3	42.3	2994	4.08	31320	740	(6)-1/2	75.9	2800
GPX6-40-1710	—	—	14280	17100	4	42.3	3840	4.08	30000	710	(6)-1/2	75.9	3070
GPX6-40-1830	16800	20160	—	—	6	42.3	5538	4.08	26220	620	(6)-1/2	75.9	3610
GPX7-40-1715	15750	18900	14280	17150	3	49.3	3493	4.72	30590	620	(7)-1/3	75.3	3230
GPX7-40-1820	16660	20020	15190	18200	4	49.3	4480	4.72	29610	600	(7)-1/3	75.3	3540
GPX7-40-1855	—	—	15470	18550	3	49.3	3493	4.72	36540	740	(7)-1/2	76.3	3230
GPX7-40-1995	—	—	16660	19950	4	49.3	4480	4.72	35000	710	(7)-1/2	76.3	3540
GPX7-40-2135	19600	23520	—	—	6	49.3	6461	4.72	30590	620	(7)-1/2	76.3	4170
GPX8-40-1960	18000	21600	16320	19600	3	56.4	3992	5.37	34960	620	(8)-1/3	75.6	3650
GPX8-40-2080	19040	22880	17360	20800	4	56.4	5120	5.37	33840	600	(8)-1/3	75.6	4010
GPX8-40-2120	—	—	17680	21200	3	56.4	3992	5.37	41760	740	(8)-1/2	76.6	3650
GPX8-40-2280	—	—	19040	22800	4	56.4	5120	5.37	40000	710	(8)-1/2	76.6	4010
GPX8-40-2440	22400	26880	—	—	6	56.4	7384	5.37	34960	620	(8)-1/2	76.6	4730

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3. TX feed is not recommended for suction temperatures below 0°F. A minimum of 12°F TD is recommended with TX feed for optimum coil performance.
4. Sound levels are shown in decibels on the "A" scale. Sound levels were measured at a distance of 6' from the unit. Levels may vary with changes in room size and surface environment.
5. Motors operating in low temperature rooms may draw in excess of motor nameplate amps. Motor amp reading should be taken after pull down and correct heaters should then be installed.
6. For brine feed capacity ratings, consult factory. Give capacity requirements, type of brine, percentage, temperature and GPM available.

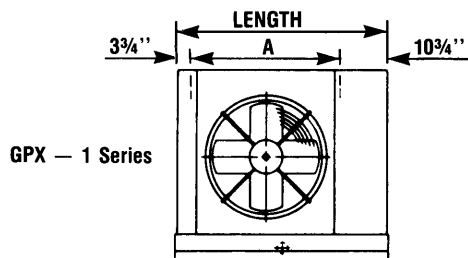
GPX MODEL NUMBERS	CAPACITY DATA				COIL DATA				AIR DATA				APPROX. WGT. LBS.
	WET COIL		FROSTED COIL		FINS PER INCH	SQ. FT. FACE AREA	SQ. FT. COIL SURFACE	COIL VOL. FT	CFM	FPM	MOTORS QUANTITY & HP	SOUND LEVEL DBA	
	TX	LR	TX	LR									
GPX1-40L6-305	2800	3360	2540	3050	3	8.8	619	1.01	5345	611	(1)-1/2	69.5	750
GPX1-40L6-320	2930	3520	2670	3200	4	8.8	794	1.01	5155	589	(1)-1/2	69.5	810
GPX1-40L6-345	—	—	2880	3450	3	8.8	619	1.01	7080	809	(1)-3/4	79.0	750
GPX1-40L6-370	—	—	3080	3700	4	8.8	794	1.01	6775	774	(1)-3/4	79.0	810
GPX1-40L6-375	3440	4130	—	—	6	8.8	1145	1.01	5100	583	(1)-1/2	69.5	920
GPX2-40L6-610	5600	6720	5080	6100	3	17.5	1238	1.87	10695	611	(2)-1/2	72.1	1280
GPX2-40L6-640	5860	7040	5340	6400	4	17.5	1588	1.87	10310	589	(2)-1/2	72.1	1400
GPX2-40L6-690	—	—	5760	6900	3	17.5	1238	1.87	14160	809	(2)-3/4	81.6	1280
GPX2-40L6-740	—	—	6160	7400	4	17.5	1588	1.87	13545	774	(2)-3/4	81.6	1400
GPX2-40L6-750	6880	8260	—	—	6	17.5	2290	1.87	10205	583	(2)-1/2	72.1	1630
GPX3-40L6-915	8400	10080	7620	9150	3	26.3	1857	2.74	16040	611	(3)-1/2	73.4	1820
GPX3-40L6-960	8790	10560	8010	9600	4	26.3	2382	2.74	15460	589	(3)-1/2	73.4	1990
GPX3-40L6-1035	—	—	8640	10350	3	26.3	1857	2.74	21235	809	(3)-3/4	82.9	1820
GPX3-40L6-1110	—	—	9240	11100	4	26.3	2382	2.74	20320	774	(3)-3/4	82.9	1990
GPX3-40L6-1125	10320	12390	—	—	6	26.3	3435	2.74	15305	583	(3)-1/2	73.4	2340
GPX4-40L6-1220	11200	13440	10160	12200	3	35.0	2476	3.60	21385	611	(4)-1/2	74.2	2360
GPX4-40L6-1280	11720	14080	10680	12800	4	35.0	3176	3.60	20615	589	(4)-1/2	74.2	2590
GOX4-40L6-1380	—	—	11520	13800	3	35.0	2476	3.60	28315	809	(4)-3/4	83.7	2360
GPX4-40L6-1480	—	—	12320	14800	4	35.0	3176	3.60	27090	774	(4)-3/4	83.7	2590
GPX4-40L6-1500	13760	16520	—	—	6	35.0	4580	3.60	20405	583	(4)-1/2	74.2	3050
GPX5-40L6-1525	14000	16800	12700	15250	3	43.8	3095	4.47	26730	611	(5)-1/2	74.7	2890
GPX5-40L6-1600	14650	17600	13350	16000	4	43.8	3970	4.47	25770	589	(5)-1/2	74.7	3180
GPX5-40L6-1725	—	—	14400	17250	3	43.8	3095	4.47	35395	809	(5)-3/4	84.2	2890
GPX5-40L6-1850	—	—	15400	18500	4	43.8	3970	4.47	33865	774	(5)-3/4	84.2	3180
GPX5-40L6-1875	17200	20650	—	—	6	43.8	5725	4.47	25505	583	(5)-1/2	74.7	3760
GPX6-40L6-1830	16800	20160	15240	18300	3	52.5	3714	5.33	32080	611	(6)-1/2	75.0	3430
GPX6-40L6-1920	17580	21120	16020	19200	4	52.5	4764	5.33	30925	589	(6)-1/2	75.0	3770
GPX6-40L6-2070	—	—	17280	20700	3	52.5	3714	5.33	42475	809	(6)-3/4	84.5	3430
GPX6-40L6-2220	—	—	18480	22200	4	52.5	4764	5.33	40635	774	(6)-3/4	84.5	3770
GPX6-40L6-2250	20640	24780	—	—	6	52.5	6870	5.33	30610	583	(6)-1/2	75.0	4470
GPX7-40L6-2135	19600	23520	17780	21350	3	61.3	4333	6.20	37425	611	(7)-1/2	75.3	3960
GPX7-40L6-2240	20510	24640	18690	22400	4	61.3	5558	6.20	36075	589	(7)-1/2	75.3	4370
GPX7-40L6-2415	—	—	20160	24150	3	61.3	4333	6.20	49550	809	(7)-3/4	84.8	3960
GPX7-40L6-2590	—	—	21560	25900	4	61.3	5558	6.20	47410	774	(7)-3/4	84.8	4370
GPX7-40L6-2625	24080	28910	—	—	6	61.3	8015	6.20	35710	583	(7)-1/2	75.3	5180

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- Motors operating in low temperature rooms may draw in excess of motor nameplate amps. Motor amp reading should be taken after pull down and correct heaters should then be installed.
- For brine feed capacity ratings, consult factory. Give capacity requirements, type of brine, percentage, temperature and GPM available.

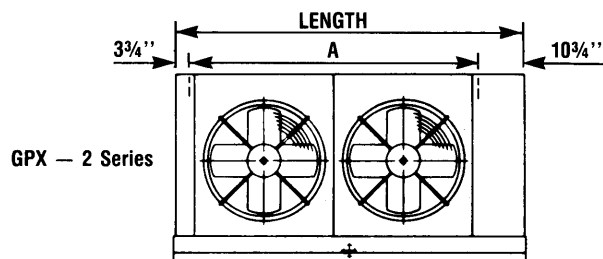
GPX MODEL NUMBERS	CAPACITY DATA				COIL DATA				AIR DATA				APPROX. WGT. LBS.
	WET COIL		FROSTED COIL		FINS PER INCH	SQ. FT. FACE AREA	SQ. FT. COIL SURFACE	COIL VOL. FT	CFM	FPM	MOTORS QUANTITY & HP	SOUND LEVEL DBA	
	TX	LR	TX	LR									
GPX1-40L8-370	3360	4000	3110	3700	3	8.8	825	1.34	5410	618	(1)-1/2	69.5	910
GPX1-40L8-385	3490	4160	3230	3850	4	8.8	1059	1.34	5165	590	(1)-1/2	69.5	990
GPX1-40L8-410	—	—	3440	4100	3	8.8	825	1.34	6670	762	(1)-3/4	79.0	910
GPX1-40L8-435	—	—	3650	4350	4	8.8	1059	1.34	6335	724	(1)-3/4	79.0	990
GPX1-40L8-430	3900	4640	—	—	6	8.8	1527	1.34	5085	581	(1)-3/4	70.0	1140
GPX2-40L8-740	6720	8000	6220	7400	3	17.5	1650	2.50	10815	618	(2)-1/2	72.1	1610
GPX2-40L8-770	6980	8320	6460	7700	4	17.5	2118	2.50	10325	590	(2)-1/2	72.1	1770
GPX2-40L8-820	—	—	6880	8200	3	17.5	1650	2.50	13335	762	(2)-3/4	81.6	1610
GPX2-40L8-870	—	—	7300	8700	4	17.5	2118	2.50	12670	724	(2)-3/4	81.6	1770
GPX2-40L8-860	7800	9280	—	—	6	17.5	3054	2.50	10170	581	(2)-3/4	72.6	2080
GPX3-40L8-1110	10080	12000	9330	11100	3	26.3	2475	3.65	16225	618	(3)-1/2	73.4	2320
GPX3-40L8-1155	10470	12480	9690	11550	4	26.3	3177	3.65	15490	590	(3)-1/2	73.4	2550
GPX3-40L8-1230	—	—	10320	12300	3	26.3	2475	3.65	20005	762	(3)-3/4	82.9	2320
GPX3-40L8-1305	—	—	10950	13050	4	26.3	3177	3.65	19005	724	(3)-3/4	82.9	2550
GPX3-40L8-1290	11700	13920	—	—	6	26.3	4581	3.65	15250	581	(3)-3/4	73.9	3010
GPX4-40L8-1480	13440	16000	12440	14800	3	35.0	3300	4.80	21630	618	(4)-1/2	74.2	3020
GPX4-40L8-1540	13960	16640	12920	15400	4	35.0	4236	4.80	20650	590	(4)-1/2	74.2	3330
GPX4-40L8-1640	—	—	13760	16400	3	35.0	3300	4.80	26670	762	(4)-3/4	83.7	3020
GPX4-40L8-1740	—	—	14600	17400	4	35.0	4236	4.80	25340	724	(4)-3/4	83.7	3330
GPX4-40L8-1720	15600	18560	—	—	6	35.0	6108	4.80	20335	581	(4)-3/4	74.7	3940
GPX5-40L8-1850	16800	20000	15550	18500	3	43.8	4125	5.96	27040	618	(5)-1/2	74.7	3720
GPX5-40L8-1925	17450	20800	16150	19250	4	43.8	5295	5.96	25815	590	(5)-1/2	74.7	4100
GPX5-40L8-2050	—	—	17200	20500	3	43.8	4125	5.96	33340	762	(5)-3/4	84.2	3720
GPX5-40L8-2175	—	—	18250	21750	4	43.8	5295	5.96	31675	724	(5)-3/4	84.2	4100
GPX5-40L8-2150	19500	23200	—	—	6	43.8	7635	5.96	25420	581	(5)-3/4	75.2	4870
GPX6-40L8-2220	20160	24000	18660	22200	3	52.5	4950	7.11	32445	618	(6)-1/2	75.0	4420
GPX6-40L8-2310	20940	24960	19380	23100	4	52.5	6354	7.11	30975	590	(6)-1/2	75.0	4880
GPX6-40L8-2460	—	—	20640	24600	3	52.5	4950	7.11	40005	762	(6)-3/4	84.5	4420
GPX6-40L8-2610	—	—	21900	26100	4	52.5	6354	7.11	38010	724	(6)-3/4	84.5	4880
GPX6-40L8-2580	23400	27840	—	—	6	52.5	9162	7.11	30505	581	(6)-3/4	75.5	5810
GPX7-40L8-2590	23520	28000	21770	25900	3	61.3	5775	8.26	37855	618	(7)-1/2	75.3	5120
GPX7-40L8-2695	24430	29120	22610	26950	4	61.3	7413	8.26	36140	590	(7)-1/2	75.3	5660
GPX7-40L8-2870	—	—	24080	28700	3	61.3	5775	8.26	46675	762	(7)-3/4	84.8	5120
GPX7-40L8-3045	—	—	25550	30450	4	61.3	7413	8.26	44345	724	(7)-3/4	84.8	5660
GPX7-40L8-3010	27300	32480	—	—	6	61.3	10689	8.26	35585	581	(7)-3/4	75.8	6740

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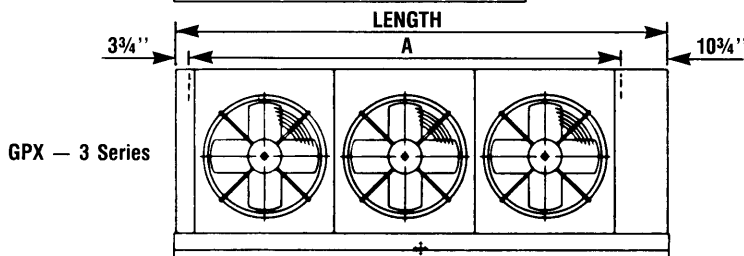
GPX Dimensional Data



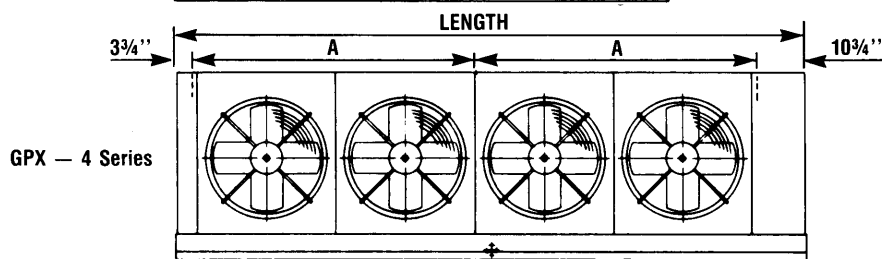
GPX - 1 Series



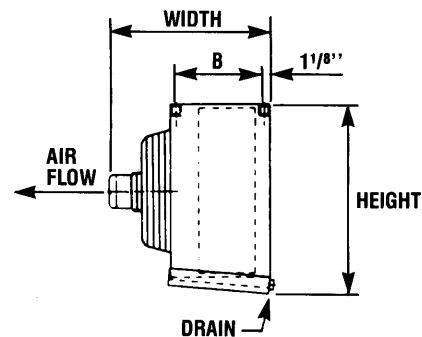
GPX - 2 Series



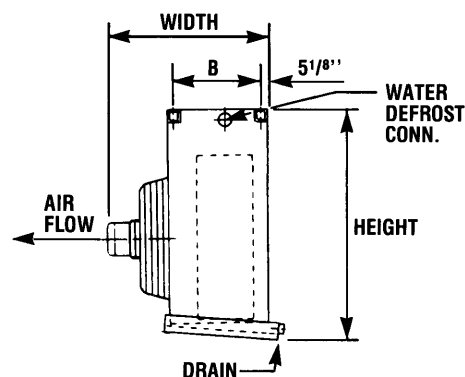
GPX - 3 Series



GPX - 4 Series



END VIEW
STANDARD UNIT



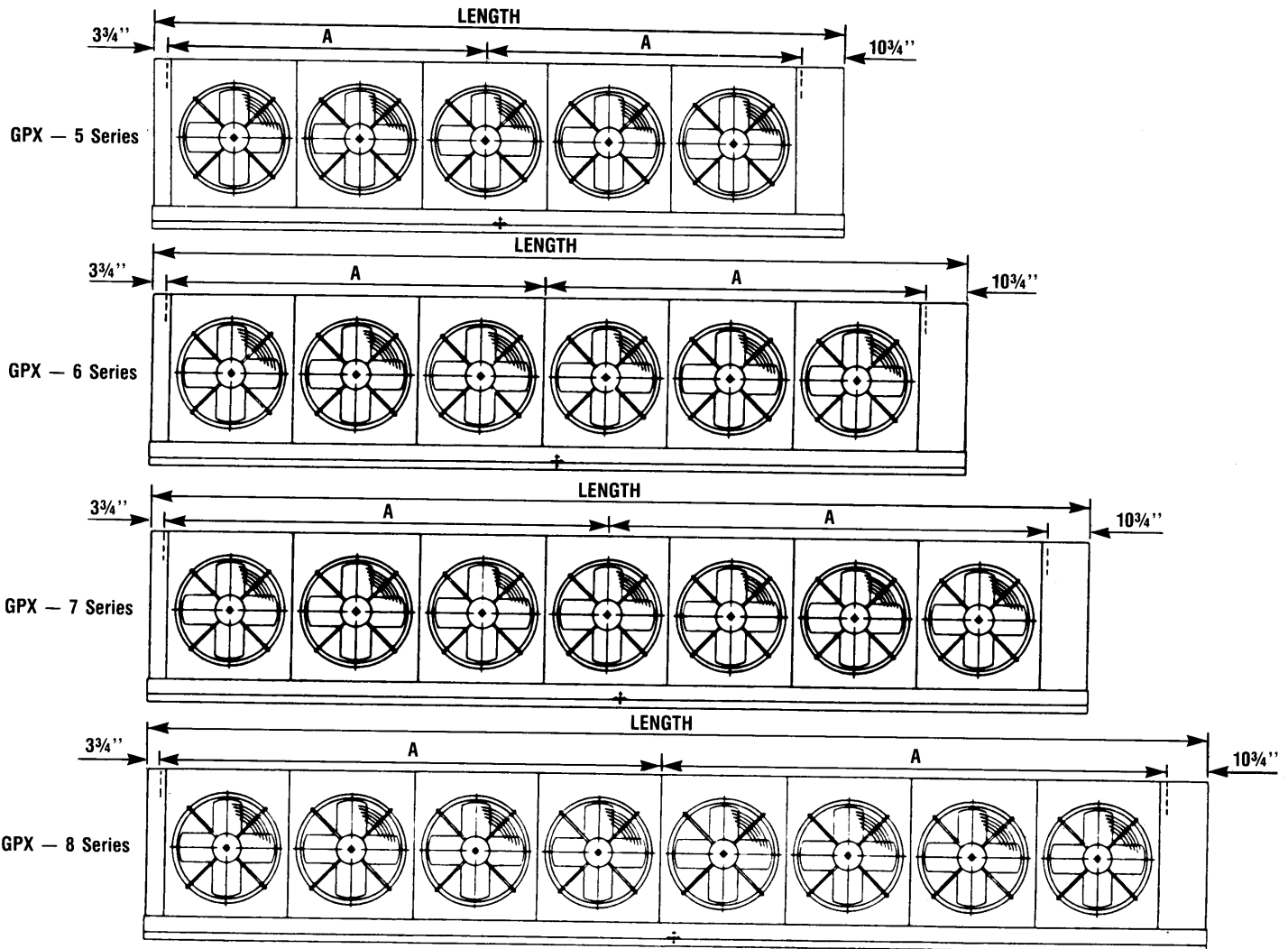
END VIEW
WATER DEFROST UNIT

MODEL	STANDARD UNIT				HANGER		WATER DEFROST UNIT				
	OVERALL			DRAIN FPT	CENTERS (3)		OVERALL			WATER CONN.	
	LENGTH	WIDTH	HEIGHT (1)		A	B	LENGTH	WIDTH	HEIGHT (2)	MPT (IN)	FPT (DRAIN)
GPX1-30	47 1/2	34	30	1 1/2	33	18 3/4	47 1/2	38	37	1 1/2	1 1/2
GPX1-35	47 1/2	34	35	1 1/2	33	18 3/4	47 1/2	38	42	1 1/2	1 1/2
GPX1-40	47 1/2	34	40	1 1/2	33	18 3/4	47 1/2	38	47	1 1/2	1 1/2
GPX1-40L6	54 1/2	34	41	2	40	18 3/4	54 1/2	38	49	1 1/2	2
GPX1-40L8	54 1/2	38	41	2	40	22 3/4	54 1/2	42	49	1 1/2	2
GPX2-30	76 1/2	34	30	1 1/2	62	18 3/4	76 1/2	38	37	1 1/2	2
GPX2-35	76 1/2	34	35	1 1/2	62	18 3/4	76 1/2	38	42	1 1/2	2
GPX2-40	76 1/2	34	40	1 1/2	62	18 3/4	76 1/2	38	47	1 1/2	2
GPX2-40L6	90 1/2	34	41	2	76	18 3/4	90 1/2	38	49	1 1/2	2
GPX2-40L8	90 1/2	38	41	2	76	22 3/4	90 1/2	42	49	1 1/2	2
GPX3-30	105 1/2	34	30	1 1/2	91	18 3/4	105 1/2	38	38	1 1/2	2 1/2
GPX3-35	105 1/2	34	35	1 1/2	91	18 3/4	105 1/2	38	43	1 1/2	2 1/2
GPX3-40	105 1/2	34	40	1 1/2	91	18 3/4	105 1/2	38	48	1 1/2	2 1/2
GPX3-40L6	126 1/2	34	41	2	112	18 3/4	126 1/2	38	50	2	2 1/2
GPX3-40L8	126 1/2	38	41	2	112	22 3/4	126 1/2	42	50	2	2 1/2
GPX4-30	134 1/2	34	30	1 1/2	60	18 3/4	134 1/2	38	39	2	3
GPX4-35	134 1/2	34	35	1 1/2	60	18 3/4	134 1/2	38	44	2	3
GPX4-40	134 1/2	34	40	1 1/2	60	18 3/4	134 1/2	38	49	2	3
GPX4-40L6	162 1/2	34	41	2	74	18 3/4	162 1/2	38	51	2	3
GPX4-40L8	162 1/2	38	41	2	74	22 3/4	162 1/2	42	51	2	3

(1) Includes Insulated Pan with Hot Gas Pan Coil.

(2) Includes Insulated Pan.

(3) Hanger Holes are 5/8" Dia. 1, 2, 3, Fan Series have 4 Mounting Locations. 4, 5, 6, 7, 8, Fan Series have 6 Mounting Locations.



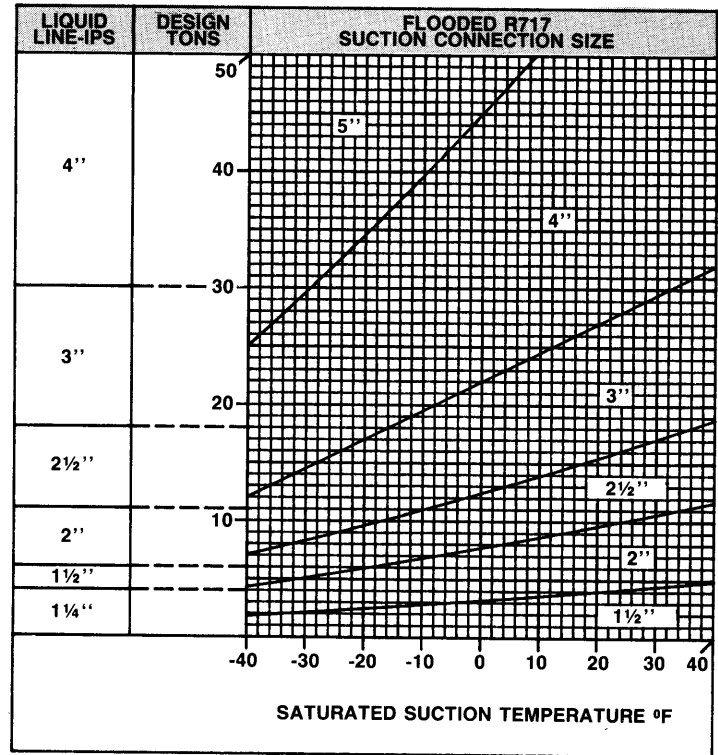
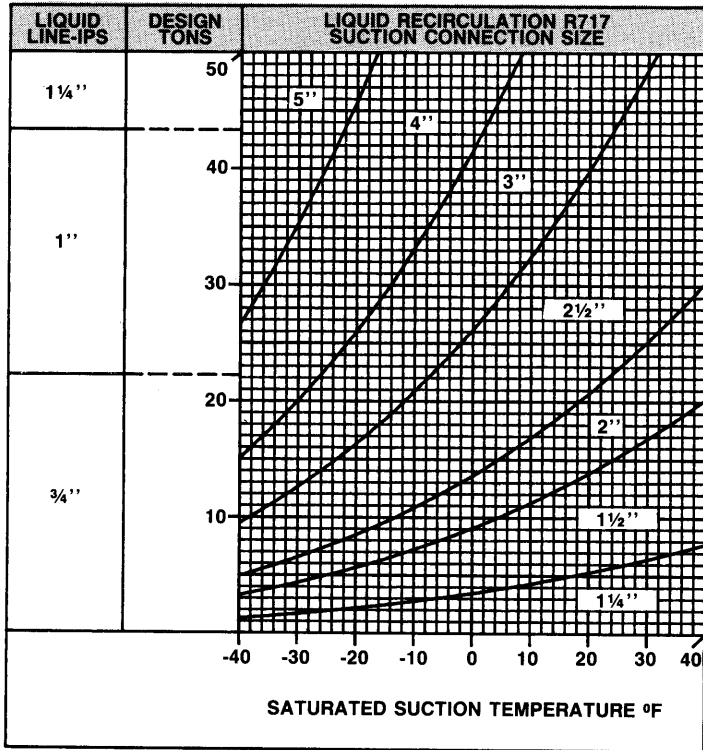
MODEL	STANDARD UNIT				HANGER		WATER DEFROST UNIT				
	OVERALL			DRAIN FPT	CENTERS (3)		OVERALL			WATER CONN.	
	LENGTH	WIDTH	HEIGHT (1)		A	B	LENGTH	WIDTH	HEIGHT (2)	MPT (IN)	FPT (DRAIN)
GPX5-30	163½	34	30	1½	74½	18¾	163½	38	39	2	3
GPX5-35	163½	34	35	1½	74½	18¾	163½	38	44	2	3
GPX5-40	163½	34	40	1½	74½	18¾	163½	38	49	2	3
GPX5-40L6	198½	34	41	2	90	18¾	198½	38	51	2	3
GPX5-40L8	198½	38	41	2	90	22¾	198½	42	52	2½	4
GPX6-30	192½	34	30	1½	89	18¾	192½	38	39	2	3
GPX6-35	192½	34	35	1½	89	18¾	192½	38	44	2	3
GPX6-40	192½	34	40	1½	89	18¾	192½	38	49	2	3
GPX6-40L6	234½	34	41	2	110	18¾	234½	38	52	2½	4
GPX6-40L8	234½	38	41	2	110	22¾	234½	42	52	2½	4
GPX7-30	221½	34	30	1½	103½	18¾	221½	38	39	2½	3
GPX7-35	221½	34	35	1½	103½	18¾	221½	38	44	2½	3
GPX7-40	221½	34	40	1½	103½	18¾	221½	38	49	2½	3
GPX7-40L6	270½	34	41	2	128	18¾	270½	38	52	2½	4
GPX7-40L8	270½	38	41	2	128	22¾	270½	42	52	2½	4
GPX8-30	250½	34	30	1½	118	18¾	250½	38	41	2½	4
GPX8-35	250½	34	35	1½	118	18¾	250½	38	46	2½	4
GPX8-40	250½	34	40	1½	118	18¾	250½	38	51	2½	4

(1) Includes Insulated Pan with Hot Gas Pan Coil.

(2) Includes Insulated Pan.

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Coil Connection Data

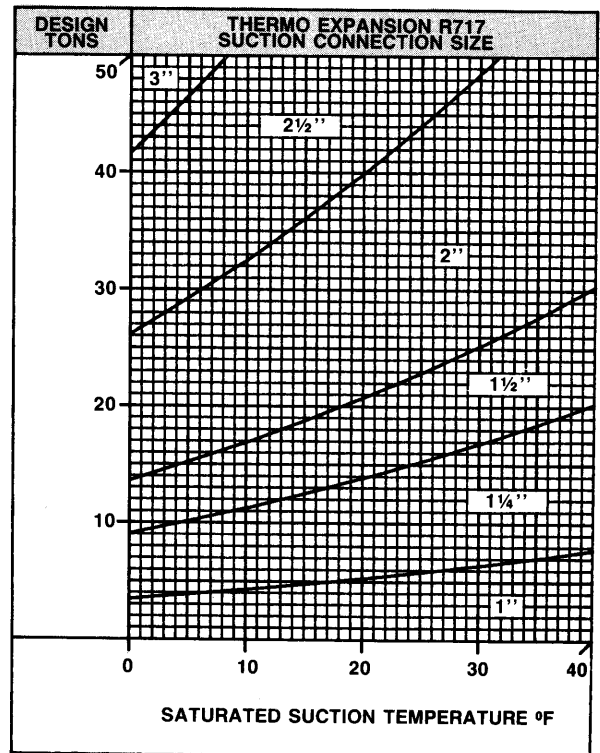


Steps for Coil Connection Sizing

1. Select chart for proper ammonia feed.
2. Locate intersection of unit capacity in design tons and suction temperature on graph.
3. Read suction connection size as number indicated in same area as point of intersection, located in Step #2, between upper and lower limit curves.
4. Read liquid line connection size on horizontal axis at Design Tons.

NOTES:

1. Refrigerant connection sizes are not for construction. Consult the factory with specific application data for certified connection sizes.
2. Consult the factory for halocarbon connection sizes.
3. Liquid overfeed connection sizes are based on recirculated liquid temperature being the same as the saturated suction temperature.
4. Thermo expansion ammonia or halocarbon liquid connection sizes are distributor openings.
5. Connection sizes do not determine liquid or suction line size.
6. Liquid Recirculation R717 is based on being mechanically pumped at a 3 to 1 rate.



IMECO

Other IMECO Products:

Evaporative Condensers • Closed Circuit Fluid Coolers • Open Cooling Towers • Centrifugal and Propeller Fan Unit Coolers for Low, Medium, and High Temperatures • Custom Fin and Bare Coils.

3820 Highway 26, Polo, Illinois 61064
(815) 946-2351

NOTE: ALL DATA IN THIS CATALOG IS SUBJECT TO CHANGE WITHOUT NOTICE.