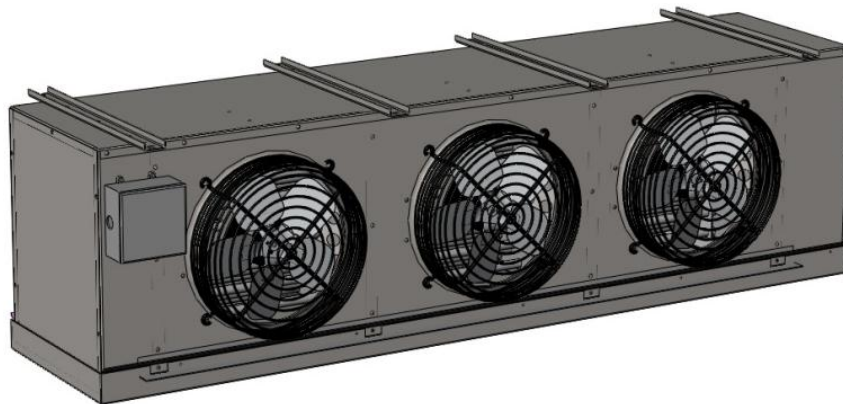


LP – LOW PROFILE COMMERCIAL COOLERS

36 MODELS
3,500 BTUH to 41,000 BTUH



- Staggered tube in direction of air flow.
- Total accessibility to expansion valve, electrical connections, components and heaters without special tools.
- Fan motors replaceable individually without removal of drain pan.

“The Heat Transfer Experts”

- Drain pan pitched to center of unit assures positive drainage.
- Dual drain fitting for 3/4" hose connection and 1/2" F.P.T.
- Entire unit constructed of heavy gauge, smooth, bright aluminum for ease of cleaning.
- Fan guards and all non-aluminum components coated to protect against corrosion.
- Penn termination control standard on electric and hot gas units. Adjustable without removing end panel.
- Expansion valve compartment heated during defrost.
- Air baffles provide even air distribution across coil and prevent short cycling.
- Motor mounts isolated to minimize sound transmission and vibration.
- All electrical components completely factory pre-wired.
- Heavy duty steel banded crating insures good condition upon arrival.
- Connection for external equalizer line from valve provided.
- All units equipped with permanently lubricated, totally enclosed motors with inherent overload protection.

Optional Features

- Insulated drain pan - expanded polystyrene.
- Protective chemical coating

CAPACITY CORRECTION FACTORS FOR LOW TEMPERATURE OPERATION

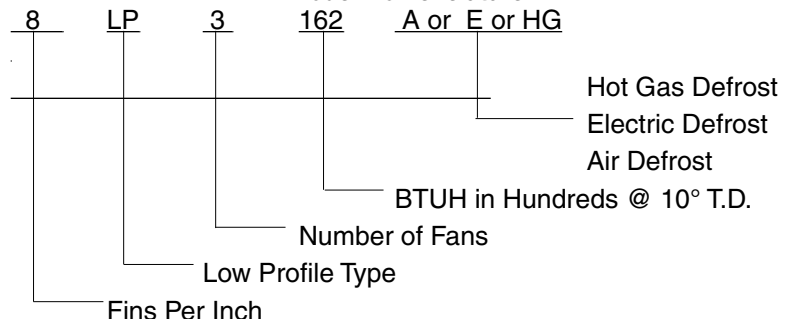
SUCTION	5° TD	10° TD	15° TD	20° TD
°F				
0	1.01	1.00	1.00	1.00
-10	1.00	.99	.98	.98
-20	.98	.97	.96	.96
-30	.96	.94	.94	.94

NOTE: 8 F.P.I. not recommended for applications below +35° F box temperature.

CAPACITY

MODEL	Capacity BTUH	
	10° T.D.	12° T.D.
* 4LP1- 35	3500	4200
* 4LP2- 52	5200	6240
4LP2- 70	7000	8400
4LP2- 89	8970	10764
4LP3-106	10600	12720
4LP3-136	13600	16320
4LP4-179	17900	21480
4LP5-225	22500	27000
4LP6-268	26800	32160
* 5LP1- 42	4200	5040
* 5LP2- 62	6200	7440
5LP2- 84	8450	10140
5LP2-108	10800	12960
5LP3-128	12800	15360
5LP3-164	16400	19680
5LP4-216	21600	25920
5LP5-272	27200	32640
5LP6-324	32400	38880
* 6LP1- 47	4750	5700
* 6LP2- 70	7057	8468
6LP2- 95	9550	11460
6LP2-122	12200	14640
6LP3-144	14400	17280
6LP3-184	18400	22080
6LP4-243	24300	29160
6LP5-305	30500	36600
6LP6-363	36300	43560
* 8LP1- 53	5350	6420
8LP2- 79	7950	9540
8LP2-107	10700	12840
8LP2-137	13700	16440
8LP3-162	16200	19440
8LP3-208	20800	24960
8LP4-274	27400	32880
8LP5-345	34500	41400
8LP6-410	41000	49200

Model Nomenclature



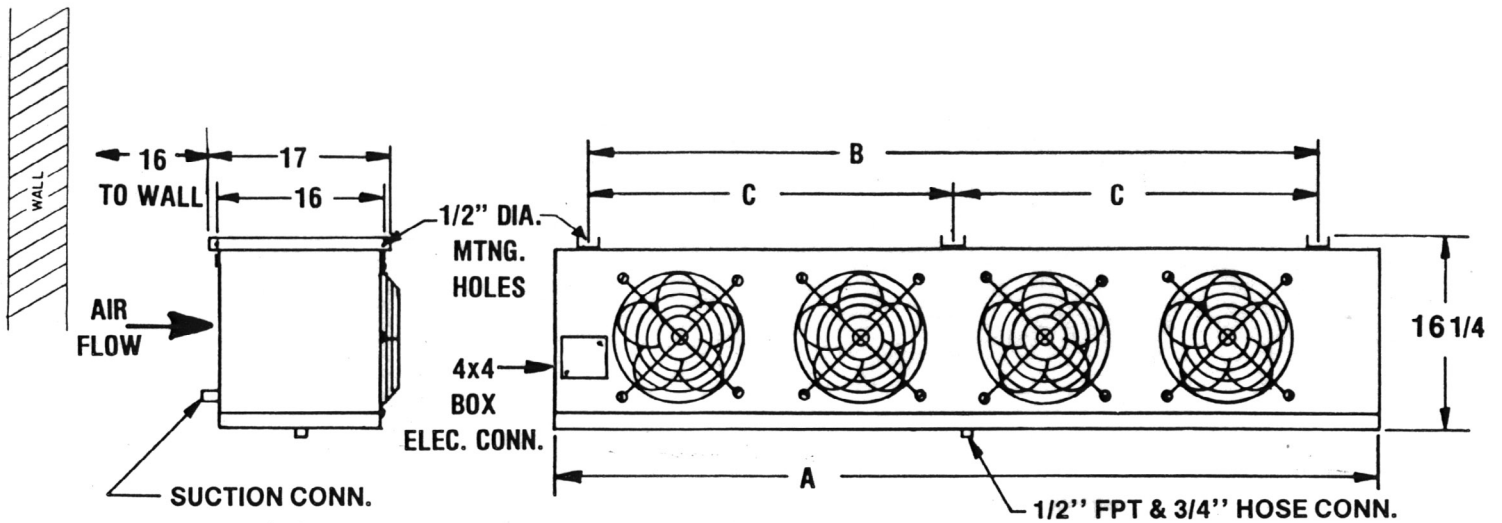
SPECIFICATIONS

Coil Face Area	Fan Data 10" Dia. All Models		Motor Data Amps		Electric Defrost Heater Data Including Drain Pan 208-230/1	
	No.	CFM	115/1	208-230/1	Watts	Amps
1.7	1	905	1.1	.55	1500	6.5
3.5	2	1955	2.2	1.1	2900	12.6
3.5	2	1810	2.2	1.1	2900	12.6
3.5	2	1650	2.2	1.1	2900	12.6
5.3	3	2740	3.3	1.7	4050	17.6
5.3	3	2500	3.3	1.7	4050	17.6
6.9	4	3290	4.4	2.2	5800	25.2
8.7	5	4140	5.5	2.8	5200	22.6
10.3	6	4930	6.6	3.3	6200	27.0
1.7	1	893	1.1	.55	1500	6.5
3.5	2	1928	2.2	1.1	2900	12.6
3.5	2	1790	2.2	1.1	2900	12.6
3.5	2	1620	2.2	1.1	2900	12.6
5.3	3	2700	3.3	1.7	4050	17.6
5.3	3	2460	3.3	1.7	4050	17.6
6.9	4	3240	4.4	2.2	5800	25.2
8.7	5	4080	5.5	2.8	5200	22.6
10.3	6	4860	6.6	3.3	6200	27.0
1.7	1	880	1.1	.55	1500	6.5
3.5	2	1900	2.2	1.1	2900	12.6
3.5	2	1760	2.2	1.1	2900	12.6
3.5	2	1600	2.2	1.1	2900	12.6
5.3	3	2650	3.3	1.7	4050	17.6
5.3	3	2400	3.3	1.7	4050	17.6
6.9	4	3170	4.4	2.2	5800	25.2
8.7	5	3980	5.5	2.8	5200	22.6
10.3	6	4740	6.6	3.3	6200	27.0
1.7	1	845	1.1	.55	THESE UNITS ARE TO BE USED ON APPLICATIONS OF 35° OR HIGHER	
3.5	2	1825	2.2	1.1		
3.5	2	1690	2.2	1.1		
3.5	2	1530	2.2	1.1		
5.3	3	2560	3.3	1.7		
5.3	3	2320	3.3	1.7		
6.9	4	3060	4.4	2.2		
8.7	5	3850	5.5	2.8		
10.3	6	4580	6.6	3.3		

● ORDERING INFORMATION

NOTE: All Tx valves (except on units marked with "★") must be externally equalized. On units marked "★", an internally equalized TXV may be used. Recommend pressure limit valve be used on all defrost units.

1. Model number
2. Type of refrigerant
3. Suction temperature
4. Type of defrost
5. Motor electrical characteristics
6. Liquid Temp @ TXV
7. Design tons



DIMENSIONS

No. of Fans	No. of Hangers	A	B	C
1	2	25 3/4	17 1/4	---
2	2	42 1/4	33 3/4	---
3	2	59 1/4	50 3/4	---
4	3	75 1/4	66 3/4	33 3/8
5	3	91 1/4	83 3/4	41 7/8
6	3	108 1/4	99 3/4	49 7/8

SPECIFICATIONS

Model	Liquid Conn. Flare	Suction ODS	Hot Gas ODS	Net Weight	Model	Liquid Conn. Flare	Suction ODS	Hot Gas ODS	Net Weight
4LP1- 35	1/2" female	5/8	7/8	55	6LP1- 47	1/2" female	5/8	7/8	60
4LP2- 52	" "	5/8	7/8	75	6LP2- 70	" "	5/8	7/8	80
4LP2- 70	" "	7/8	7/8	70	6LP2- 95	" "	7/8	7/8	75
4LP2- 89	" "	7/8	7/8	80	6LP2-122	" "	7/8	7/8	85
4LP3-106	" "	7/8	7/8	95	6LP3-144	" "	7/8	7/8	100
4LP3-136	" "	7/8	7/8	115	6LP3-184	" "	1 1/8	7/8	120
4LP4-179	" "	1 1/8	7/8	135	6LP4-243	" "	1 1/8	7/8	145
4LP5-225	" "	1 1/8	7/8	170	6LP5-305	" "	1 3/8	7/8	175
4LP6-268	" "	1 1/8	7/8	220	6LP6-363	5/8" female	1 3/8	7/8	240
5LP1- 42	" "	5/8	7/8	60	8LP1- 53	1/2" female	5/8	7/8	65
5LP2- 62	" "	5/8	7/8	80	8LP2- 79	" "	5/8	7/8	85
5LP2- 84	" "	7/8	7/8	75	8LP2-107	" "	7/8	7/8	80
5LP2-108	" "	7/8	7/8	85	8LP2-137	" "	7/8	7/8	90
5LP3-128	" "	7/8	7/8	100	8LP3-162	" "	1 1/8	7/8	110
5LP3-164	" "	1 1/8	7/8	120	8LP3-208	" "	1 1/8	7/8	120
5LP4-216	" "	1 1/8	7/8	140	8LP4-274	" "	1 3/8	7/8	150
5LP5-272	" "	1 3/8	7/8	175	8LP5-345	" "	1 3/8	7/8	175
5LP6-324	5/8" female	1 3/8	7/8	235	8LP6-410	5/8" female	1 3/8	7/8	240

Colmac reserves the right to change specifications without notice.



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