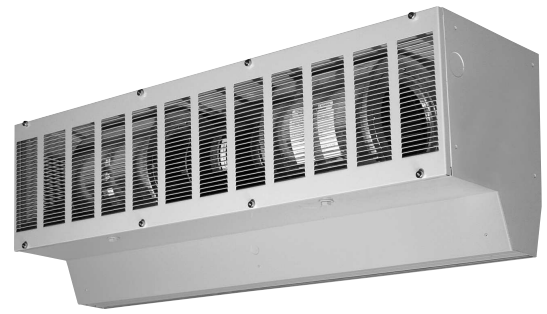


LEADING EDGE®

A Marley Engineered Products Brand



ENVIRONMENTAL SERIES



APPLICATIONS:

Commercial

Food Service: Restaurants, bakeries, cafeterias

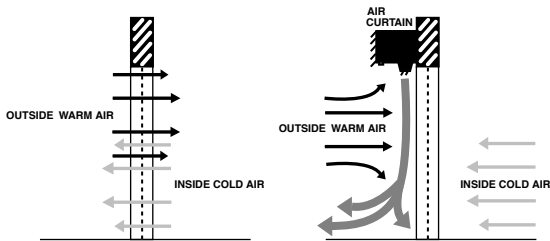
- For use in freezers, coolers, cold storage facilities, processing plants and other refrigerated applications.



SPECIAL FEATURES:

- Galvanized, corrosion-resistant cabinet and intake grill.
- Corrosion-resistant dual-intake scrolls, precision-balanced twin blower wheels.
- Heavy duty, totally-enclosed permanent split capacitor type motors.
- Rubber-sealed and permanently-lubricated bearings.
- For use with optional instant automatic door switch.
- Energy-efficient 2-speed motors (For single-phase only).

HOW AIR CURTAINS WORK



AIR CURTAINS create a thermal barrier keeping cold areas at maximum efficiency, minimizing freezer condensation while conserving energy.

NOTE: Guide selection is based on refrigerated areas within facilities. Air curtains must be mounted on warm side. For exterior loading dock applications consult factory. Selection guide does not include negative pressure or wind tunnel conditions.

AIR CURTAIN SELECTION GUIDE

Mtg. Ht. (Ft.)	Thermal Barrier Applications Type of Door	AIR CURTAIN SELECTION GUIDE			
		1/8 HP**	1/4 HP	1/2 HP	3/4 HP
7'	WALK-IN COOLER	✓			
8'	COOLER		✓		
10'	COOLER			✓	
12'	COOLER				✓
8'	FREEZER			✓	
10'	FREEZER				✓
12'	FREEZER				✓

**Walk-in cooler (Low-Profile Series) model

AIR DELIVERY @ NOZZLE OUTLET

MODEL NUMBER	WIDTH	MAX VELOCITY (FPM) HI/LOW		AVG VELOCITY (FPM) HI/LOW		AVG. AIR FLOW RATE (CFM) HI/LOW		#MOTORS @ H.P.	INPUT POWER RATING (KW)*		APPROX. SHIPPING WEIGHT (LBS)	
		HI	LOW	HI	LOW	HI	LOW		1-PH	3-PH		
1/4 HP MODELS												
E36001#25	36"	2500	1850	2000	1480	1620	1200	1@1/4	0.41	0.24	65	
E38001#25	38"	2500	1850	1955	1450	1670	1240	1@1/4	0.41	0.24	67	
E42001#25	42"	2500	1850	1900	1410	1795	1330	1@1/4	0.41	0.24	70	
E48001#25	48"	2500	1850	1855	1375	2000	1480	1@1/4	0.41	0.24	77	
E60002#25	60"	2500	1850	2125	1575	2880	2135	2@1/4	0.82	0.48	128	
E72002#25	72"	2500	1850	2000	1480	3240	2400	2@1/4	0.82	0.48	130	
E76002#25	76"	2500	1850	1955	1450	3340	2475	2@1/4	0.82	0.48	134	
E84002#25	84"	2500	1850	1915	1420	3620	2680	2@1/4	0.82	0.48	142	
E96002#25	96"	2500	1850	1855	1375	4000	2960	2@1/4	0.82	0.48	154	
E10803#25	108"	2500	1850	2000	1480	4860	3600	3@1/4	1.23	0.72	195	
E12003#25	120"	2500	1850	1945	1440	5240	3880	3@1/4	1.23	0.72	207	
E13203#25	132"	2500	1850	1895	1405	5620	4160	3@1/4	1.23	0.72	219	
E14403#25	144"	2500	1850	1855	1375	6000	4440	3@1/4	1.23	0.72	231	
1/2 HP MODELS												
E36001#50	36"	3800	2815	3040	2250	2460	1820	1@1/2	0.62	0.40	74	
E38001#50	38"	3800	2815	2965	2195	2535	1880	1@1/2	0.62	0.40	76	
E42001#50	42"	3800	2815	2890	2140	2730	2020	1@1/2	0.62	0.40	79	
E48001#50	48"	3800	2815	2815	2085	3040	2250	1@1/2	0.62	0.40	86	
E60002#50	60"	3800	2815	3230	2390	4375	3240	2@1/2	1.25	0.80	148	
E72002#50	72"	3800	2815	3040	2250	4920	3645	2@1/2	1.25	0.80	148	
E76002#50	76"	3800	2815	2965	2195	5070	3755	2@1/2	1.25	0.80	152	
E84002#50	84"	3800	2815	2910	2155	5500	4070	2@1/2	1.25	0.80	160	
E96002#50	96"	3800	2815	2815	2085	6080	4500	2@1/2	1.25	0.80	172	
E10803#50	108"	3800	2815	3040	2250	7380	5465	3@1/2	1.87	1.20	222	
E12003#50	120"	3800	2815	2950	2184	7960	5890	3@1/2	1.87	1.20	234	
E13203#50	132"	3800	2815	2875	2130	8540	6320	3@1/2	1.87	1.20	246	
E14403#50	144"	3800	2815	2815	2085	9120	6750	3@1/2	1.87	1.20	258	

* Optional voltages available - 208 - 230/ 460 volt 3-phase and 50 Hz voltages.
- Indicate Voltage: 1 = 120/1, 2 = 220/1, 3 = 208/3, 4 = 230/3, 5 = 460/3

MODEL NUMBER	WIDTH	AIR DELIVERY @ NOZZLE OUTLET			#MOTORS @ H.P.	INPUT POWER RATING (KW)*		APPROX. SHIPPING WEIGHT (LBS)
		MAX VELOCITY (FPM) HI/LOW	AVG VELOCITY (FPM) HI/LOW	AVG. AIR FLOW RATE (CFM) HI/LOW		1-PH	3-PH	
3/4 HP MODELS								
E36001#75	36"	4850/3590	3880/2875	3140/2325	1@3/4	0.94	1.20	83
E38001#75	38"	4850/3590	3790/2805	3240/2400	1@3/4	0.94	1.20	86
E42001#75	42"	4850/3590	3685/2730	3480/2575	1@3/4	0.94	1.20	89
E48001#75	48"	4850/3590	3595/2660	3880/2875	1@3/4	0.94	1.20	96
E60001#75	60"	4850/3590	3395/2510	4580/3390	1@3/4	1.87	2.39	112
E72002#75	72"	4850/3590	3880/2875	6280/4650	2@3/4	1.87	2.39	166
E76002#75	76"	4850/3590	3790/2805	6480/4795	2@3/4	1.87	2.39	172
E84002#75	84"	4850/3590	3715/2750	7020/5195	2@3/4	1.87	2.39	179
E96002#75	96"	4850/3590	3595/2660	7760/5745	2@3/4	1.87	2.39	192
E10803#75	108"	4850/3590	3880/2875	9420/6975	3@3/4	2.81	3.59	249
E12003#75	120"	4850/3590	3765/2790	10160/7520	3@3/4	2.81	3.59	262
E13203#75	132"	4850/3590	3670/2720	10900/8070	3@3/4	2.81	3.59	275
E14403#75	144"	4850/3590	3595/2660	11640/8615	3@3/4	2.81	3.59	288