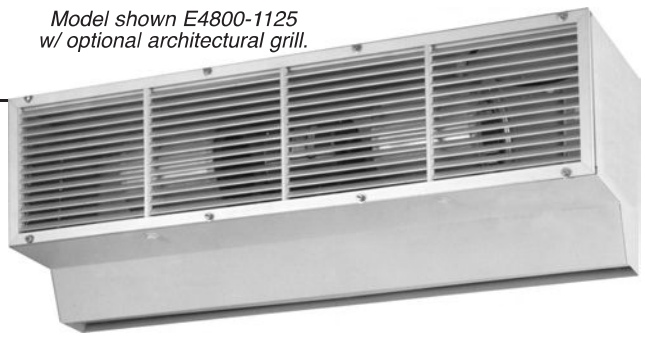


# COMMERCIAL Applications

Model shown E4800-1125  
w/ optional architectural grill.



**ENVIRONMENTAL SERIES**  
Designed for use as a *Thermal Barrier* or *Interior Separation* device.



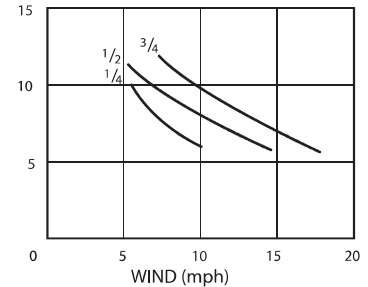
## APPLICATIONS:

- For use in supermarkets, schools, hospitals and other large commercial facilities.

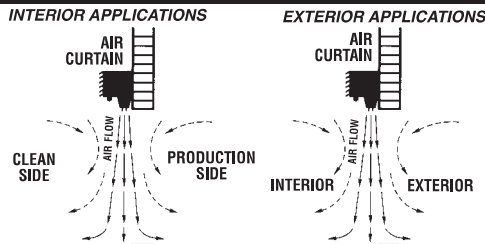
## SPECIAL FEATURES:

- Modern contemporary design with attractive, neutral beige finish.
- Energy-efficient 2-speed motors (*For single-phase only*).
- Easy access to motor/ blower assembly for inspection and cleaning.
- Electrically heated models available (*Refer to page 22-24*).

Wind Resistance Chart  
DOOR HEIGHT (FT)



## HOW AIR CURTAINS WORK



**AIR CURTAINS** create a thermal barrier, helping to control drafts and loss of warm or cool air. Also helps to recirculate air while reducing infiltration of exterior air, fumes, dust and dirt.

**Wind Conditions are classified as follows:**  
 ○ Light = 5-8mph ■ Moderate = 8-12mph □ Strong = 12-15mph  
 Selection Guide does not include negative pressure or wind tunnel conditions. Wind resistance values are for normal applications.

AIR CURTAIN SELECTION GUIDE				
Mtg. Ht. (Ft.)	Type of Door	1/4 HP	1/2 HP	3/4 HP
<b>INTERIOR SEPARATION</b>				
8'	INTERIOR DOORWAY	○		
10'	INTERIOR DOORWAY		○	
<b>THERMAL BARRIER</b>				
8'	EXTERIOR DOORWAY	○	■	□
10'	EXTERIOR DOORWAY		○	■

Note: Commercial models not recommended for Fly and Insect control.

MODEL NUMBER	WIDTH	AIR DELIVERY @ NOZZLE OUTLET			#MOTORS @ H.P.	VOLTS*	MAX AMPS	APPROX. SHIPPING WEIGHT (LBS)
		MAX VELOCITY (FPM) HI/LOW	AVG VELOCITY (FPM) HI/LOW	AVG. AIR FLOW RATE (CFM) HI/LOW				
<b>1/4 HP MODELS</b>								
E3600-1125	36"	2500/1850	2000/1480	1620/1200	1@1/4	120	3.4	65
E3800-1125	38"	2500/1850	1950/1440	1670/1240	1@1/4	120	3.4	67
E4200-1125	42"	2500/1850	1900/1410	1795/1330	1@1/4	120	3.4	70
E4800-1125	48"	2500/1850	1850/1370	2000/1480	1@1/4	120	3.4	77
E6000-2125	60"	2500/1850	2125/1575	2880/2135	2@1/4	120	6.8	128
E7200-2125	72"	2500/1850	2000/1480	3240/2400	2@1/4	120	6.8	130
E9600-2125	96"	2500/1850	1850/1370	4000/2960	2@1/4	120	6.8	154
<b>1/2 HP MODELS</b>								
E3600-1150	36"	3800/2815	3040/2250	2460/1820	1@1/2	120	5.2	74
E3800-1150	38"	3800/2815	2965/2195	2535/1880	1@1/2	120	5.2	76
E4200-1150	42"	3800/2815	2890/2140	2730/2020	1@1/2	120	5.2	79
E4800-1150	48"	3800/2815	2815/2085	3040/2250	1@1/2	120	5.2	86
E6000-2150	60"	3800/2815	3230/2390	4375/3240	2@1/2	120	10.4	148
E7200-2150	72"	3800/2815	3040/2250	4920/3645	2@1/2	120	10.4	148
E9600-2150	96"	3800/2815	2815/2085	6080/4500	2@1/2	120	10.4	172
<b>3/4 HP MODELS</b>								
E3600-1175	36"	4850/3590	3880/2875	3140/2325	1@3/4	120	7.8	83
E3800-1175	38"	4850/3590	3785/2805	3240/2400	1@3/4	120	7.8	86
E4200-1175	42"	4850/3590	3685/2730	3480/2575	1@3/4	120	7.8	89
E4800-1175	48"	4850/3590	3590/2660	3880/2875	1@3/4	120	7.8	96
E6400-2175	64"	4850/3590	4125/3055	5570/4125	2@3/4	120	15.6	164
E7200-2175	72"	4850/3590	3880/2870	6280/4650	2@3/4	120	15.6	166
E9600-2175	96"	4850/3590	3590/2660	7760/5750	2@3/4	120	15.6	192

\* Optional voltages available - 208 - 230/ 460 volt 3 phase, and 50 Hz voltages.  
 • For accessories, see pages 20-21.