



Perma Tech, Inc.

"Your Single Source for ALL Your Loading Dock Needs"

PermaAIR Curtain - Industrial Doors

Exterior and Interior Openings up to 14' high



Perma Industrial Door air curtains includes stainless steel cabinets, making it the ideal choice for warehouse, manufacturing, and industrial environments.

- ◆ One-piece 18 Gauge 304 Stainless Steel Cabinet with 14 Gauge Structural Supports
- ◆ Perforated Stainless Steel Intake Screen
- ◆ Heavy Duty Direct Drive Motors - 1 1/2 HP 1725 rpm with Galvanized Blower Wheels
- ◆ Plenum design promotes maximum air flow uniformity while reducing air curtain noise levels
- ◆ Adjustable air flow directional vanes deflect air stream +/-20 degrees
- ◆ NEMA 12 Control Panel Included
- ◆ 1" Cleanable Filters are optional
- ◆ Pre-wired, fully assembled, and fully tested at the factory
- ◆ For optimal insect and climate control, mount the air curtain on the inside or conditioned side.
- ◆ Sound level: 66 dBA (Measured 10 ft. from unit in a free field based on a 1 motor unit)

Sales & Service:



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PermaAIR Curtain - PID series

Industrial Door

PermaAIR Industrial Door air curtain is designed for climate and insect control on industrial openings up to 14' high. High velocity 1 1/2 HP motors work to prevent unconditioned air and external elements like flying insects, smoke, odors, dust, and dirt from entering through open loading dock or ground level doors. Industrial Door air curtains include stainless steel cabinets, making it the ideal choice for warehouse, manufacturing, and industrial environments.

Recommended Controls and Options:

Industrial Magnetic Door Switch
 Panel Mounted Hand/Off/Auto Switch
 Time Delay Relay

PermaAIR Curtain	PID	PID	PID	PID	PID	PID	PID	PID	PID	PID	PID	PID
Model #	1-36	1-48	1-60	2-72	2-84	2-96	3-108	3-120	3-132	4-144	4-156	4-168
Nozzle Width (In)	36	48	60	72	84	96	108	120	132	144	156	168
Max. FPM @ Nozzle	4800	4800	4800	4800	4800	4800	4800	4800	4800	4800	4800	4800
Average FPM	4047	3048	2478	4047	3476	3048	4046	3647	3320	4047	3740	3476
Max CFM	4214	4232	4301	8426	8445	8463	12641	12659	12677	16855	16873	16891
CFM@ Nozzle	3541	3556	3614	7082	7097	7112	10623	10638	10653	14164	14179	14194
Outlet Velocity Uniformity	95%	93%	92%	95%	93%	92%	95%	94%	95%	95%	94%	93%
No. of Motors	1	1	1	2	2	2	3	3	3	4	4	4
Motor HP	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
Weight	119	152	188	256	290	316	378	420	489	509	522	534

Three Phase Motor Voltage Available:

- ◆ 208 (4.8 amps per motor)
- ◆ 240 (5.0 amps per motor)
- ◆ 480 (2.5 amps per motor)