

EHD (Extra High Door) is used in industrial settings at large door openings. Available in unheated, hot water heated, steam heated, indirect gas fired (closed combustion heaters are available), and direct gas fired versions. Extra High Door units are manufactured in single increments that can be provided up to 30 ft. wide. The EHD has top and bottom access panels to replace or service motors or blowers without lowering entire unit or bottom half of unit. All industrial units are direct drive, which avoids misalignment of couplers and outboard bearings and eliminates periodic belt replacement. The motor/blower plate comes out as an entire piece and all parts on the outside of the unit are constructed of stainless steel.

Key Design Features

- All weight bearing structural support will be made of formed 11-gauge stainless steel and galvanized steel. Outer casing shall be constructed of 16-gauge stainless steel.
- EHD has heavy duty 5HP Total Enclosed Air Over (TEAO) motors at 1160 rpm each, 50/60 Hz. Single speed.
- Galvanized fans.
- Air intake screen is perforated stainless steel.
- Access panels for inspection, cleaning or removal of motor blower assembly, without having to lower the unit.
- High efficiency discharge plenum.
- Directional air foil vane factory set to facilitate deflection of air stream +/- 20 degrees.
- Includes NEMA 12 control panel with magnetic motor starter, overload relays and control transformer. An optional Hand/Off/Auto switch can be mounted to the panel cover.



Recommended Controls

Panel Mounted Hand/Off/Auto Switch
Magnetic Door Switch for activation



Unheated

Sound level: 71 dBA (Measured 10 ft. from unit in a free field based on a 1 motor unit)

Model	EHD 1-48	EHD 1-60	EHD 1-72	EHD 2-96	EHD 2-108	EHD 2-120	EHD 2-132	EHD 2-144
Door Width Feet	4	5	6	8	9	10	11	12
Nozzle Width Inches	48	60	72	96	108	120	132	144
Max. FPM at Nozzle	6572	6572	6572	6572	6572	6572	6572	6572
Max. CFM at Nozzle	6994	9924	12854	15926	17888	19848	21291	23891
Avg. FPM at Nozle	5499	4358	5128	4842	4600	4358	4842	4842
CFM at Nozzle	6305	7480	9256	12977	13769	15750	16120	19168
Outlet Velocity Uniformity	95%	94%	94%	95%	94%	94%	95%	95%
Number of Motors	1	1	1	2	2	2	2	2
Horse Power	5	5	5	5	5	5	5	5
Weight (Lbs)	387	420	440	748	781	814	834	854

Three Phase Motor Voltage Available: 208 240 480 575

Amp Draw Per Motor: 17 15.8 7.9 6.3



MADE IN THE USA