

PAAC-201

The TSD has 3 hp motors and is typically used over dock doors, ground level doors or large openings in an industrial environment. It is available in unheated, hot water heated, steam heated, indirect gas fired and direct gas fired versions. Industrial units are manufactured in single increments that can be provided up to 30 ft. wide. The TSD has top and bottom access panels to replace or service motors or blowers without lowering entire unit or bottom half of unit. The motor/blower plate comes out as an entire piece. All industrial units are direct drive, which avoids misalignment of couplers and outboard bearings and eliminates periodic belt replacement. The unheated unit is AMCA rated.

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.
- TSD has heavy duty 3 HP Total Enclosed Aire Over (TEAO) motors at 1160 rpm each, 50/60 cycle. 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: 69 dBA (Measured 10 ft. from unit in a free field based on a 1 motor unit)

Model	TSD 1-48	TSD 1-60	TSD 1-72	TSD 2-96	TSD 2-108	TSD 2-120	TSD 2-132	TSD 2-144	TSD 3-144	TSD 3-156	TSD 3-168	TSD 3-180
Door Width Feet	4	5	6	8	9	10	11	12	12	13	14	15
Nozzle Width Inches	48	60	72	96	108	120	132	144	144	156	168	180
Max. FPM at Nozzle	6200	5800	5900	6200	6200	5800	5900	5900	6200	6200	6200	6200
Avg. Outlet Velocity FPM	3443	3006	2891	3443	3200	3006	2943	2891	3443	3275	3206	3077
CFM at Nozzle	4590	4855	5579	9180	9445	9710	10434	11158	13770	14035	14759	15024
Outlet Velocity Uniformity	95.1%	92%	86.3%	95.1%	92%	92%	86.3%	86.3%	95.1%	92%	86.3%	86.3%
Power Rating KW	2.1	2.1	2.5	4.2	4.2	4.2	4.6	5.0	6.3	6.3	6.7	6.7
Number of Motors	1	1	1	2	2	2	2	2	3	3	3	3
Horse Power	3	3	3	3	3	3	3	3	3	3	3	3
Weight (Lbs)	342	380	400	681	719	757	777	797	1020	1058	1078	1116

Three Phase Motor Voltage Available: 208 240 480 575

Amp Draw Per Motor: 13.1 12.2 6.1 5.0