Climate Control MODEL ETD

For openings up to 12 feet high

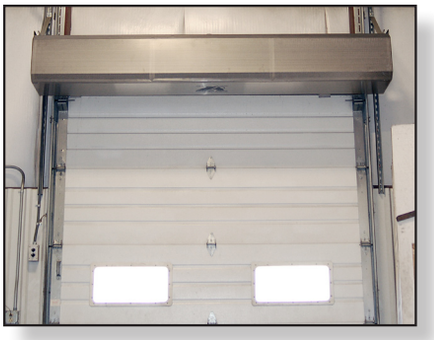
Unheated and Electric Heat

The ETD is used to stop cold or warm air from entering a climate controlled environment. Available in unheated and electrically heated versions (see Climate Control with Hot Water or Steam Heat and Climate Control with Indirect and Direct Gas Heat for additional heating options). Electrically heated versions are constructed so the electric heaters are in the plenum, downstream of the motors. The ETD is commonly used in correctional facilities, trash compactors (odor control), beer distributors, walk in coolers, airports, and loading dock doors. This commercial line's stainless steel construction, stainless steel intake screen, and 45 degree beveled edges give it a modern, pleasing look.

Key Design Features

- Stainless steel case is 18 gauge 304 stainless steel in a number three finish.
- Heavy duty 3/4 HP motors. 1630 rpm each. Dual speed.
- Galvanized fans.
- Air intake screen is perforated stainless steel with mill grain finish.
- High efficiency discharge plenum ensures that air being discharged fills the entire width and height of the opening. This also lowers the unit's operational sound level.
- Directional air foil vane factory set to facilitate deflection of air stream +/-20 degrees.
- Optional 1/2 inch cleanable filter.
- Heating elements are mounted inside the plenum, on the discharge side of the blowers. Here, heat won't affect motor life and the heaters are protected from dust that would accumulate on them if they were mounted on the air intake.

ECo-Motor™ OPTION
See Data Sheet for AMP Draw



Recommended Controls

Remote mounted High/Off/Low Switch
Thermostat (if electrically heated unit)
Time Delay Relay
Magnetic Door Switch for activation

Sound level: High speed: 63 dBA / Low speed: 56 dBA (Measured 10 ft. from unit in a free field based on a 1 motor unit)

	ETD-1-36 (E)	ETD-1-42 (E)	ETD-1-48 (E)	ETD-1-60 (E)	ETD-2-60 (E)	ETD-2-72 (E)	ETD-2-84 (E)	ETD-2-96 (E)	ETD-3-108 (E)	ETD-3-120 (E)	ETD-3-132 (E)	ETD-4-144 (E)
Nozzle width (in.)	36	42	48	60	60	72	84	96	108	118	133	145
Max. FPM at nozzle	H: 4218 L: 2837	H: 4218 L: 2837	H: 4218 L: 2837	H: 4218 L: 2837	H: 4218 L: 2837	H: 4218 L: 2837	H: 4218 L: 2837	H: 4218 L: 2837	H: 4218 L: 2837	H: 4218 L: 2837	H: 4218 L: 2837	H: 4218 L: 2837
Avg. FPM	H: 3695 L: 2487	H: 3169 L: 2133	H: 2771 L: 1865	H: 2218 L: 1493	H: 3315 L: 2231	H: 3696 L: 2488	H: 3169 L: 2133	H: 2773 L: 1866	H: 3702 L: 2486	H: 3174 L: 2134	H: 2792 L: 1885	H: 3696 L: 2488
Max. CFM	H: 2899 L: 1950	H: 3384 L: 2276	H: 3867 L: 2601	H: 4374 L: 2792	H: 5050 L: 3252	H: 5803 L: 3903	H: 6766 L: 4551	H: 7732 L: 5201	H: 8702 L: 5853	H: 9668 L: 6503	H: 10853 L: 7155	H: 11606 L: 7806
CFM @ Nozzle	H: 2541 L: 1710	H: 2532 L: 1696	H: 2559 L: 1721	H: 2528 L: 1703	H: 3812 L: 2565	H: 5082 L: 3420	H: 5063 L: 3382	H: 5081 L: 3417	H: 7623 L: 5130	H: 7614 L: 5127	H: 7589 L: 5104	H: 10164 L: 6840
Outlet Velocity Uniformity	95%	93%	92%	91%	94%	95%	93%	92%	95%	94%	94%	95%
Number of motors	1	1	1	1	2	2	2	2	3	3	3	4
Motor HP	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
Heater Kilowatts	10	10	10	10	15	20	20	20	30	30	30	40
Temp. Rise Degrees (F)	H 13 L 19	H 13 L 19	H 13 L 19	H 13 L 19	H 13 L 19	H 13 L 19	H 13 L 19	H 13 L 19	H 13 L 19	H 13 L 19	H 13 L 19	H 13 L 19
Weight - Unheated Heated	90 95	97 102	104 109	117 121	147 155	169 177	187 195	203 210	245 255	274 284	290 301	338 354

Single Phase Motor Voltage Available: **120** **208/230** **480** **575**
Amp Draw Per Motor: 8.0 3.6 2.0 1.5

** For three phase motors consult factory.
** For unit over twelve feet long and nonstandard electric heater consult factory.

MADE IN THE USA

C ETL LISTED US Intertek