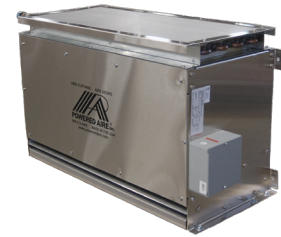


## Key Design Features

- Stainless steel case is 18 gauge 304 stainless steel in a number three finish.
- THS has heavy duty 3/4 HP motors at 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-inch cleanable filter.
- Made-to-order steam or hot water coil mounted to intake of air curtain. Coil consists of 5/8 in. O.D. copper tubes and aluminum fins. Coils certified to ARI standard 410.
- Remote or unit mounted control panel included.



### Recommended Controls

- Remote mounted High/Off/Low Switch
- Built-in Time Delay Relay
- Magnetic Door Switch for activation

**When requesting a quote for a Hot Water/Steam heated air curtain, please provide:**

- Specifics of water/steam entering and exiting the air curtain.
- Location for water/steam supplies and returns (both on one side or one each side)

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

	THS-1-36 HW/ST	THS-1-48 HW/ST	THS-1-60 HW/ST	THS-2-72 HW/ST	THS-2-84 HW/ST	THS-2-96 HW/ST	THS-2-108 HW/ST	THS-3-108 HW/ST	THS-3-120 HW/ST	THS-3-132 HW/ST	THS-4-144 HW/ST
<b>Nozzle width (in.)</b>	36	48	60	72	84	96	108	108	120	132	144
<b>Max. FPM at nozzle</b>	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
<b>Avg. FPM</b>	H: 3695 L: 2487	H: 2771 L: 1865	H: 2218 L: 1493	H: 3696 L: 2488	H: 3169 L: 2133	H: 2773 L: 1866	H: 2472 L: 1661	H: 3702 L: 2486	H: 3174 L: 2134	H: 2792 L: 1885	H: 3696 L: 2488
<b>Max. CFM</b>	H: 2899 L: 1950	H: 3867 L: 2601	H: 4374 L: 2792	H: 5803 L: 3903	H: 6766 L: 4551	H: 7732 L: 5201	H: 8216 L: 5520	H: 8702 L: 5853	H: 9668 L: 6503	H: 10177 L: 7155	H: 11606 L: 7806
<b>CFM @ Nozzle</b>	H: 2541 L: 1710	H: 2559 L: 1721	H: 2528 L: 1703	H: 5082 L: 3420	H: 5063 L: 3382	H: 5081 L: 3417	H: 5090 L: 3421	H: 7623 L: 5130	H: 7614 L: 5127	H: 7589 L: 5104	H: 10164 L: 6840
<b>Outlet Velocity Uniformity</b>	95%	92%	91%	95%	93%	92%	91%	95%	95%	95%	95%
<b>Number of motors</b>	1	1	1	2	2	2	2	3	3	3	4
<b>Motor HP</b>	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
<b>mbtu/hr Hot Water</b>	97	102	100	194	205	194	192	283	307	307	388
<b>Temperature Rise Deg. (F)</b>	H: 35 L: 52	H: 37 L: 54	H: 36 L: 54	H: 35 L: 52	H: 37 L: 55	H: 35 L: 52	H: 35 L: 52	H: 34 L: 51	H: 37 L: 55	H: 37 L: 55	H: 35 L: 52
<b>mbtu/hr Steam</b>	108	108	114	202	210	215	198	292	305	326	390
<b>Temperature Rise Deg. (F)</b>	H: 39 L: 58	H: 39 L: 58	H: 41 L: 61	H: 36 L: 54	H: 38 L: 57	H: 39 L: 58	H: 36 L: 54	H: 35 L: 52	H: 37 L: 55	H: 39 L: 59	H: 35 L: 52
<b>Weight</b>	113	145	180	249	281	306	329	365	406	470	491

**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 consult factory.



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