



# POWERED AIRE INC.

www.poweredaire.com

**MODEL: THS - Hot Water / Steam Heated  
Climate Control Eight Ten Door  
Door Height: Up to Ten Feet**

**PRODUCT DATA**  
**(H) HIGH SPEED (L) LOW SPEED**

Model	THS 1-36	THS 1-48	THS 1-60	THS 2-72	THS 2-84	THS 2-96	THS 2-108	THS 3-108	THS 3-120	THS 3-132	THS 4-144
Nozzle Width (In.)	36	48	60	72	84	96	108	108	120	132	144
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
Max. CFM at Nozzle	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
Avg. FPM at Nozzle	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
CFM at Nozzle	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
Outlet Velocity Uniformity	95%	92%	91%	95%	93%	92%	95%	92%	95%	95%	95%
Number of Motors	1	1	1	2	2	2	2	3	3	3	4
Horse Power	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
mbtu/hr Hot Water	97	102	100	194	205	194	192	283	307	307	388
Temperature Rise Deg. (F)	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
mbtu/hr Steam	108	108	114	202	210	215	198	292	305	326	390
Temperature Rise Deg. (F)	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
Weight (Lbs)	113	145	180	249	281	306	329	365	406	470	491

Sound Level: High Speed 63 dba Low Speed 56 dba  
Sound level measured 10 feet from the unit in a free field based on a one motor unit.

Hot water rating based on 65°F entering air temperature and 200°F entering water temperature.  
Steam rating based on 65°F entering air temperature and 5 psig.  
\*Consult factory for coil values different from above.

**Single Phase Motor Voltage Available: 120 208/230 480 575**  
**Amp Draw Per Motor: 8.0 3.6 2.2 1.5**

\*\* Nozzle width equals door width.  
\*\* For three phase motors consult factory.  
\*\* For unit over twelve feet long consult factory.

