



Specification Sheet
Model RH6

Model Specifications

Based on 24" Effective Length

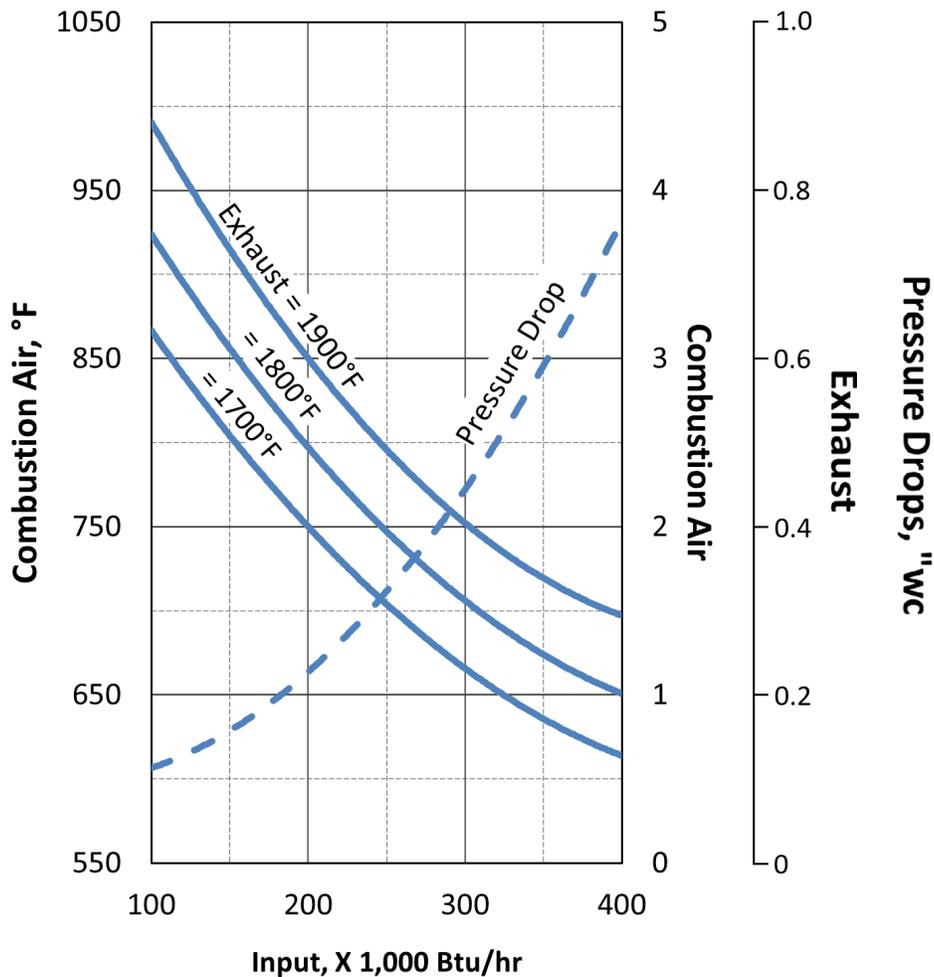
To Find Preheated Air Temperature: Find burner input on bottom scale. Move up to appropriate radiant tube exhaust temperature curve, then move left to combustion air temperature.

To Find Air and Exhaust Pressure Drops: Find burner input on bottom scale. Move up to pressure drop curve, then move right to air and exhaust pressure drops.

Example: A radiant tube with a burner input of 300,000 Btu/h and an exhaust temperature of 1900°F will be fitted with an RH6 recuperator. Using the graph below as described above, preheated combustion air temperature from the recuperator will be approximately 770°F. Air pressure drops will be approximately 2.2 "w.c. and exhaust pressure drop will be approximately 0.4 "w.c. (Example curve on the next page).

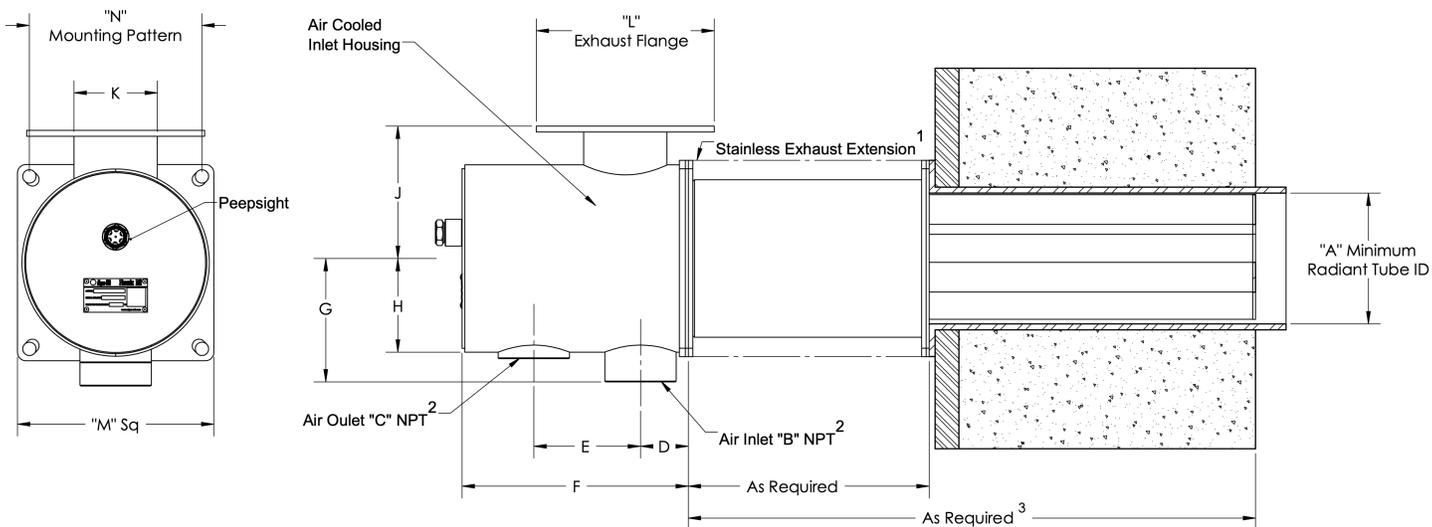
Performance Curve

6" RH ΔP



Product Dimensions

mm [inches]

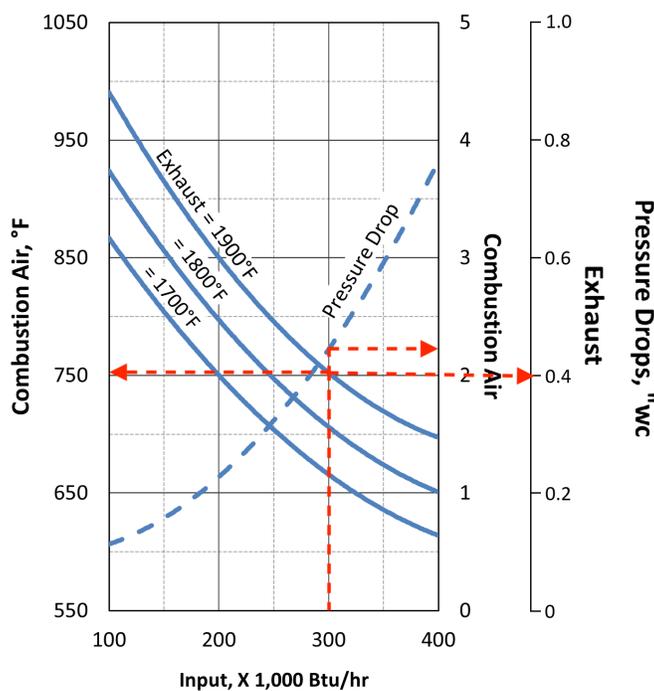


- ¹Insulation must be supplied by the customer
- ²Do not reverse inlet and outlet connections
- ³Recuperator tube ends must not extend past the inner face of the furnace wall.

Model	Recuperator Dimensions												
	A	B	C	D	E	F	G	H	J	K	L	M	N
RH6	139.7 [5.5]	2"	2"	51 [2]	113.9 [4.5]	241.5 [9.5]	131.75 [5.2]	100 [4]	141.4 [5.6]	Ø89 [3.5]	Ø190 [7.5]	209.6 [8.25]	□177.8 & □184.2 [7 & 7.25]

Example Performance Curve

6" RH ΔP



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