



# ALLIANCE

HORIZONTAL COIL DESIGN  
THERMAL FLUID HEATERS

2.4 MM - 20 MM BTU/HR



# SPECIFICATIONS AND DIMENSIONS

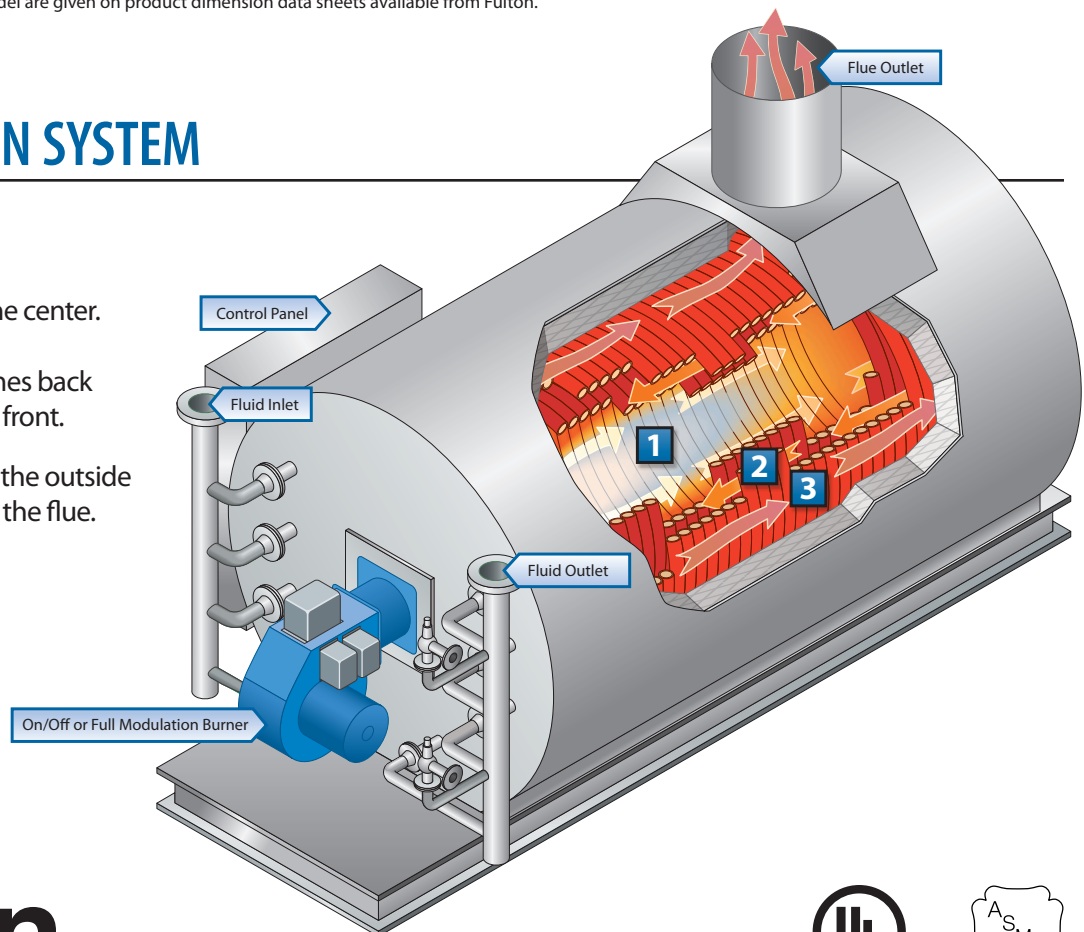
Models	HC	0240	0400	0600	0800	1000	1200	1600	2000
<b>Specifications</b>									
Heat Output	1,000 BTU/HR	2,400	4,000	6,000	8,000	10,000	12,000	16,000	20,000
Recommended Flow Rate	GPM	150	300	400	600	850	1,000	1,200	1,500
<b>Approximate Fuel Usage</b>									
Light Oil	GPH	23	39	58	77	96	115	143	179
Natural Gas	FT3/HR	3,200	5,340	8,000	10,700	13,340	16,000	20,000	25,000
<b>Power</b>									
Circulating Pump Motor	HP	15	25	30	50	60	75	100	125
Blower Motor	HP	2	5	7.5	10	15	15	30	30
<b>Dimensions</b>									
Overall Height (with Stack)	IN	64	68	78	107	107	131	114	118
Stack Diameter	IN	12	14	18	22	22	22	34	36
Overall Width	IN	62	62	81	95	95	130	118.5	119.5
Overall Length	IN	134	137	157	208	182	240	327	351
Inlet/Outlet Connections	IN	2.5	3	4	6	6	6	8	8
Thermal Liquid Volume	GAL	75	115	190	264	325	508	480	1,150
Approx. Dry Weight	LB	5,000	7,500	9,500	19,500	21,500	27,500	39,000	39,000

Specifications and Dimensions are approximate. Consult factory for model specific electrical requirements. We reserve the right to change specifications and/or dimensions without notice. Diagram for guidance purposes only. Comprehensive details of dimensions, connections, etc. for each model are given on product dimension data sheets available from Fulton.

## THE COMBUSTION SYSTEM

### THREE PASS SYSTEM

- 1** The burner fires down the center.
- 2** The flame turns and comes back between the coils to the front.
- 3** The flame returns down the outside of the coils and exits out the flue.



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