

REGAL



Oil-Fired, Warm Air Furnaces

Regal Star

the multiple-option series of furnaces:

- **Multi-Flue:** Front or rear, a Regal Star exclusive
- **Multi-Fired:** Beckett, Riello, or Carlin burner
- **Multi-Blower:** 3-Speed Direct Drive PSC or Variable-Speed ECM blower motors
- **Multi-Positional:** Highboy or Horizontal
- **Multi-Vent:** Chimney-vent, Power-vent, or Direct-vent
- **Multi-Discharge:** Left or Right Horizontal



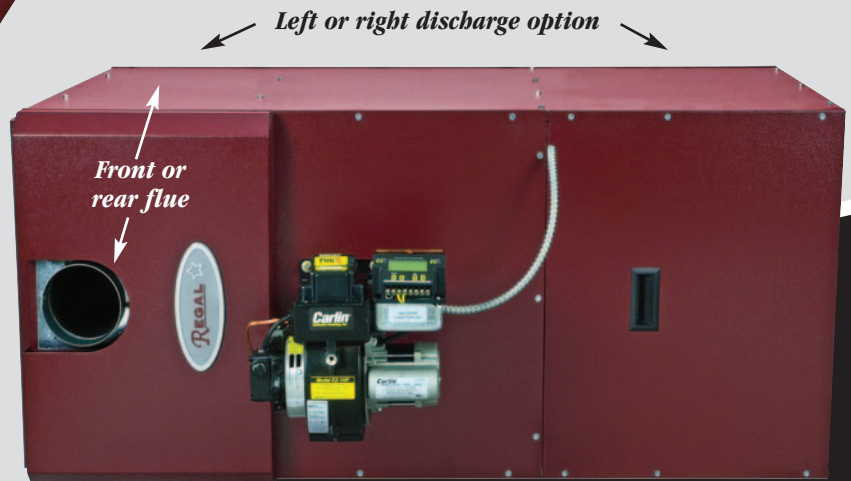
NEW! Lowboy

*Made with Quality and Pride
in Boyertown, Pennsylvania, USA*



*High-efficiency
3-Pass
Heat Exchanger*

Highboy



Horizontal

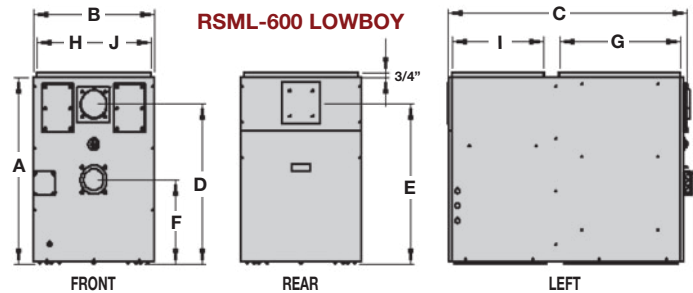
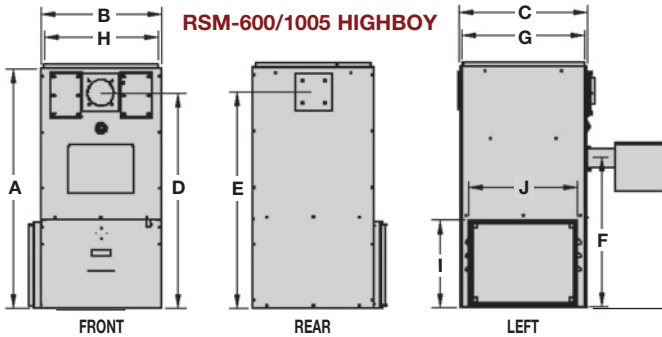


SPECIFICATIONS	RSM-600 HIGHBOY & HORIZONTAL			RSM-1005 HIGHBOY & HORIZONTAL			RSML-600 LOWBOY		
Firing Rate (GPH)	0.50	0.60	0.75	0.85	1.00	1.10	0.50	0.60	0.75
Input (BTU/Hr)	70,000	84,000	105,000	119,000	140,000	154,000	70,000	84,000	105,000
Heating Capacity (BTU/Hr)	60,000	72,000	89,000	102,000	118,000	130,000	60,000	72,000	89,000
Beckett Burner	.40 60 W	.50 60 W	.60 60 B	.65 60 B	.75 60 B	.85 60 B	.40 60 W	.50 60 W	.60 60 B
Carlin EZ Burner	N/A	.50 60 A	.60 60 A	.65 60 A	.75 60 A	.85 60 A	N/A	.50 60 A	.60 60 A
Riello Burner	.40 x 80 A	.50 80 A	.60 80 A	.65 60 W	.75 60 W	.85 60 W	.40 x 80 A	.50 80 A	.60 80 A
AFUE	86.5**	86.2**	85.1**	86.7R**	86.0R**	85.3R**	86.1**	86.0**	85.0**
Temperature Rise	60°F			65°F			60°F		
Flue Size	5" Front and Rear			5" Front and Rear			5" Front and Rear		
Filter Size	16" x 20"			16" x 25"			20" x 20"		
PSC Motor	3/4 HP, 3-speed, 10.0 FLA			3/4 HP, 4-speed, 11.0 FLA		ECM Only	3/4 HP, 3-speed, 10.0 FLA		
ECM Motor	3/4 HP, Variable-speed, 8.5 AMP			1 HP, Variable-speed, 11.5 AMP			3/4 HP, Variable-speed, 8.5 AMP		
Heating CFM	850	1100	1325	1525	1175	1950	1000	1175	1325
Cooling Tons (ECM)	800, 1000, 1200, 1600			1200, 1400, 1600, 2000			800, 1000, 1200, 1600		
PSC Motor Speed	.02 Static	.05 Static	.07 Static	.02 Static	.05 Static	.07 Static	.02 Static	.05 Static	.07 Static
Low	1193	1125	1053	1235	1220	1210	1242	1196	1076
Medium High	1425	1256	1118	1390	1360	1344	1563	1402	1190
Medium Low	N/A	N/A	N/A	1761	1680	1614	N/A	N/A	N/A
High	1616	1470	1309	2103	1970	1825	1703	1475	1259
DIMENSIONS									
A-Cabinet Height	44-9/16"			50-3/8"			31-5/16"		
B-Cabinet Width	22-5/16"			22-5/16"			22-5/16"		
C-Cabinet Depth	23-3/8"			28-3/8"			43-1/8"		
D-Flue Height (Front)	40"			46-7/8"			26-13/16"		
E-Flue Height (Rear)	40"			45"			26-13/16"		
F-Burner Height	27-1/2"			31"			14-1/16"		
G-Supply Air Depth	22-3/8"			27-3/8"			22-3/8"		
H-Supply Air Width	21-1/16"			21-1/16"			21-1/16"		
I-Return Air Depth	15-1/16"			23-5/8"			17"		
J-Return Air Width	18-7/8"			15"			21-1/16"		

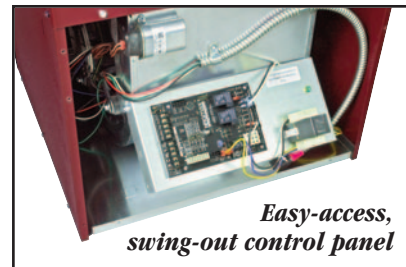
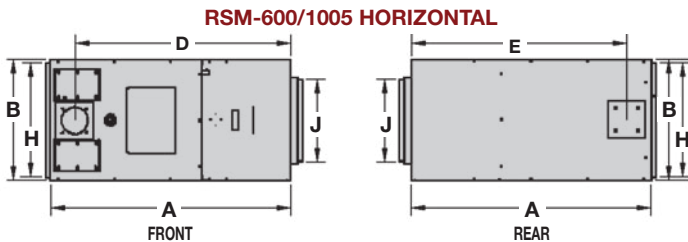
All RSM-600 Burners are shipped with 72,000 BTU-output nozzles.
All RSM-1005 Burners are shipped with 118,000 BTU-output nozzles.

R These AFUEs are achieved using the Riello burner with electronic air shutter.

** These Regal Star furnaces equipped with ECM Variable-Speed Blower Motors have achieved "Energy Star" status and may qualify for additional energy rebates in some states.



The Regal Star RSM-600 and RSM-1005 can be installed as a Highboy (above) or as a Horizontal with a left or right discharge (below).



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