MegaSteam: Technical Information







Standard Equipment

- 3-pass cast iron section assembly, 50-psi MAWP (maximum allowable working pressure)
- · Deluxe, powder coated, removable jacket
- 3" jacket insulation
- · Cast iron reversible swing door
- Vacuum formed burner door insulation
- · Boiler drain valve
- · Barometric draft regulator
- · Safety valve
- Beckett AFG flange mounted oil burner w/easy connect power cord (Riello optional)
- Steam gauge
- L4006A (ST & SL models only)
- · Gauge glass set
- · Removable stainless steel flueway baffles
- · Removable cast iron canopy covers
- Junction box w/ plug-in accessor connections
- Mounted spanner bar w/ adjustable legs
- Pressure limit
- LWCO Hydrolevel CG450
- · 222A Tankless heater (ST model only)

MegaSteam Ratings & Specifications												
Model	AFUE%	Burner Cap. (GPH) ¹	DOE Heating Cap. (MBH) ²	Net AHRI (MBH)	Net AHRI (sq. ft.) ³	Flue Collar Diameter (In.)4	Approx. Shipping Weight. (lbs.)					
MST288	86	0.75	92	69	288	6	607					
MST396	86	1.05	127	95	396	6	607					
MST513	86	1.35	164	123	513	6	744					
MST629	86	1.65	201	151	629	7	881					

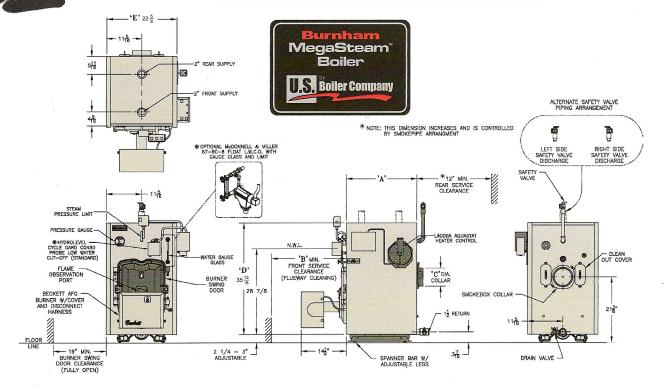
Notes: Maximum Working Pressure: 15 PSI Steam

- 1. Burner Capacity is based on oil having Higher Heating Value of 140, 000 BTU/Gal.
- DOE Heating Capacity and Annual Fuel Utilization Efficiency (AFUE) are based on US Government tests at 13.0% CO2 with No. 1
 maximum smoke and 0.00" draft in the breach on standard equipment package.
- 3. Net AHRI Ratings are based upon pick-up allowance of 1.333. Consult manufacturer with unusual piping and pickup requirements before selecting boiler.
- 4. Used for sizing flue connection materials.

	Dimensions (Inches)				Minimum Chimney Requirements			OPTIONAL 222A Tankless Heater	
William Control	Model	'A'	'B'	'C'	Round In. (Diam.)	Rectangle (In. x In.)	Height (Feet)	Rating (GPM)	Pressure Drop (PSI)
	MST288	16-5/8	24	5	6	8 x 8	15	3.00	22.0
ľ	MST396	16-5/8	24	5	6	8 x 8	15	3.25	24.3
	MST513	22-5/8	24	6	6	8 x 8	15	3.50	26.5
	MST629	28-5/8	30	6	. 7	8 x 8	15	4.00	31.0

Notes:

Tankless Heater Rating, GPM is based on 100° F temperature rise with 40° F inlet water (intermittent draw) with boiler water temperature of 190°F.



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