



MEGA-STOR® II

Stainless Steel, Indirect Water Heater

**Abundant domestic hot water
powered by a variety of efficient
Velocity boilers to fit every
application.**

Domestic Hot water



- Tank cylinder and heat exchanger made of 444 Stainless Steel
- Available in 5 standard sizes (30, 40, 50, 75, 119)
- Robotically welded, hydrostatically tested
- Passivated for maximum corrosion resistance
- Rugged design with coated steel jacket and heavy-duty polymer top and bottom to resist cracks and abrasions*
- Large diameter, smooth surface stainless steel coil maintains superior performance over the life of the tank
- Honeywell L4080B adjustable aquastat and internal stainless steel well
- Superior insulation keeps water hot for hours during standby
- Adjustable feet for uneven floors*
- Limited lifetime warranty

**Space-saving
horizontal models
available.
See website for details.**

*Available on sizes 30 through 75.

**Quality
Value &
Service**

VelocityBoilerWorks.com | Philadelphia, PA

MEGA-STOR® II SPECIFICATIONS

MS2-030 to MS2-075

HOT WATER OUT
T & P TAPPING

FROM BOILER
SUPPLY

THERMOSTAT

TO BOILER
RETURN

COLD WATER
INLET/DRAIN

MS2-119

LIFTING LUG
T & P TAPPING

HOT WATER OUT
FROM BOILER
SUPPLY

THERMOSTAT

TO BOILER
RETURN

COLD WATER
INLET/DRAIN

CONNECTIONS

CONNECTION	SIZE (NPT)				
	MS2-030	MS2-040	MS2-050	MS2-075	MS2-119
T & P Tapping	3/4"F	3/4"F	3/4"F	3/4"F	1"F
From Boiler Supply	1"F	1"F	1"F	1"F	1-1/4"F
To Boiler Return	1"F	1"F	1"F	1"F	1-1/4"F
Cold Water Inlet/Drain	3/4"F	3/4"F	3/4"F	1"F	1-1/4"F
Hot Water Out	3/4"F	3/4"F	3/4"F	1"F	1-1/4"F

SPECIFICATIONS

Model	Potable Volume (Gal)	Height (inches)	Diameter / Width (inches)	Net Weight (lbs.)
MS2-030	30.1	33-1/8	23-1/2	69
MS2-040	37.9	39-3/8	23-1/2	81
MS2-050	50.6	49-3/4	23-1/2	100
MS2-075	74.0	68-3/4	23-1/2	130
MS2-119	111.3	62-7/8	30-3/4	251

AHRI RATINGS

Model	First Hour Rating (Gal/Hr)	Continuous Draw Rating (Gal/Hr)	Standby Loss (Deg F/Hr)	Minimum Boiler Output (MBH)	Boiler Water Min. Flow (Gal/Min)	Tank Heat Source Friction Loss (Ft. w.c.)
MS2-030	162	138	1.4	87	8.0	2.6
MS2-040	192	162	1.1	101	8.0	2.8
MS2-050	236	193	0.9	121	8.0	2.9
MS2-075	307	238	1.0	150	8.0	4.5
MS2-119	497	417	1.4	264	14.0	4.2

Ratings based on 77F DHW temperature rise (135F outlet temp) and 180F boiler supply temperature. The ratings were obtained at the heat source (boiler) output rates and heat source flow rates shown. Other results shall be obtained under different conditions. Pressure Ratings: Maximum Allowable Tank Working Pressure - 150 psi. Design Hydrostatically Tested to 300 psi.

DRAW RATES

Maximum Possible Continuous Draw (180F Boiler Supply, 77F DHW Rise, 135F Outlet)			AHRI First Draw Rating*	
Model	Continuous Draw (Gal/min)	Min. Boiler Output (MBH)	Draw Rate (GPM)	First Draw Rating (Gal)
MS2-030	2.3	87	2.3	23
MS2-040	2.7	101	2.7	31
MS2-050	3.2	121	3.2	44
MS2-075	3.9	150	3.9	69
MS2-119	6.9	264	6.9	81

*First Draw Rating is the amount of stored water available from a fully recovered water heater, with no boiler output during the draw, before the outlet temperature falls by 25F. At draw rates higher than that shown in First Draw Rating chart, less stored hot water may be available.

