

For your large or extended-draw heavy use applications, the AMTROL® BoilerMate™ Premier Series tanks are available in 60-, 80- and 119-gallon sizes. Premier Series tanks offer large dump capabilities and rapid recovery. 316-L stainless steel tanks are surrounded by thick foam insulation and protected by a dent-resistant plastic outer jacket. A large top-mounted access flange is included to make cleaning an easy procedure.

Specifications

Model Number	Capacity (gallons)	Height (inches)	Diameter (inches)	Shipping Weight (lbs.)	Cold Water inlet-nptm	Hot Water outlet-nptf	Boiler Supply	Boiler Return
WHS-60	60	54	26	160	3/4"	3/4"	3/4" NPTM	3/4" NPTM
WHS-80	80	66	26	170	3/4"	3/4"	3/4" NPTM	3/4" NPTM
WHS-120	119	71	29 3/4"	210	3/4"	3/4"	3/4" NPTM	3/4" NPTM
WHS-60DW	60	54	26	178	3/4"	3/4"	3/4" Union Sweat	3/4" Union Sweat
WHS-80DW	80	66	26	188	3/4"	3/4"	3/4" Union Sweat	3/4" Union Sweat

Performance

WHS-60 BoilerMate™ Premier

- 60-Gallon storage
- Great for households with high water use
- Available models: WHS-60, WHS-60Z, WHS-60DW, WHS-60ZDW

WHS-80 BoilerMate™ Premier

- 80-Gallon storage
- High volume for large whirlpools
- Perfect for hot tubs, multi-head showers and other high demands
- Available models: WHS-80, WHS-80Z, WHS-80DW, WHS-80ZDW

WHS-60		
BOILER OUTPUT (5 gpm input-to BoilerMate)	1 FIRST-HOUR RATING (90°F rise)	2 CONTINUOUS FLOW (70°F rise steady state)
BTU/HR	GPH	GPH
40,000	105	69
60,000	133	104
80,000	160	139
100,000	187	173
120,000	214	208
140,000	241	242



Available with SmartControl or Standard Dial Aquastat

WHS-80		
BOILER OUTPUT (5 gpm input-to BoilerMate)	1 FIRST-HOUR RATING (90°F rise)	2 CONTINUOUS FLOW (70°F rise steady state)
BTU/HR	GPH	GPH
40,000	123	69
60,000	150	104
80,000	177	139
100,000	204	173
120,000	231	208
140,000	258	242



Available with SmartControl or Standard Dial Aquastat

WHS-120 BoilerMate™

- 119-Gallon storage
- Maximum volume for maximum delivery
- Available in multiple high-output coil configurations
- Available models: WHS-120, WHS-120Z

WHS-120		
BOILER OUTPUT (5 gpm input-to BoilerMate)	1 FIRST-HOUR RATING (90°F rise)	2 CONTINUOUS FLOW (70°F rise steady state)
BTU/HR	GPH	GPH
40,000	158	69
60,000	185	104
80,000	212	139
100,000	239	173
120,000	266	208
140,000	293	242



Available with SmartControl or Standard Dial Aquastat

Ratings terms:

Always read the fine print before selecting an indirect-fired water heater. AMTROL uses real-world numbers to bring you the performance you expect. All performance figures are calculated using 180°F boiler, standard domestic temperature rise and an off-the-shelf circulator pump.

1 FIRST-HOUR RATING – the ability of the water heater to supply hot water in a 60-minute period, assuming that the hour starts with both boiler water and domestic content up to set temperature. It is the sum of the usable storage capacity plus the amount of heated water generated during the 60-minute period. The rate is based on:

- 90°F temperature rise
- Boiler mass heat sink equivalent to 10 lbs. of water
- No low limit on boiler

It should not be considered a true measurement of performance or recovery during a normal intermittent (real world) draw period of 24 hours. During such real-world usage, the actual recovery ability of the water heater may be more or less than the "first-hour" rating, depending upon usage and installation parameters.

2 CONTINUOUS FLOW – the steady domestic water flow rate available at a given boiler heat output. The rate is based on:

- 70°F temperature rise
- Boiler high limit set 20°F (min.) above BoilerMate™ set point