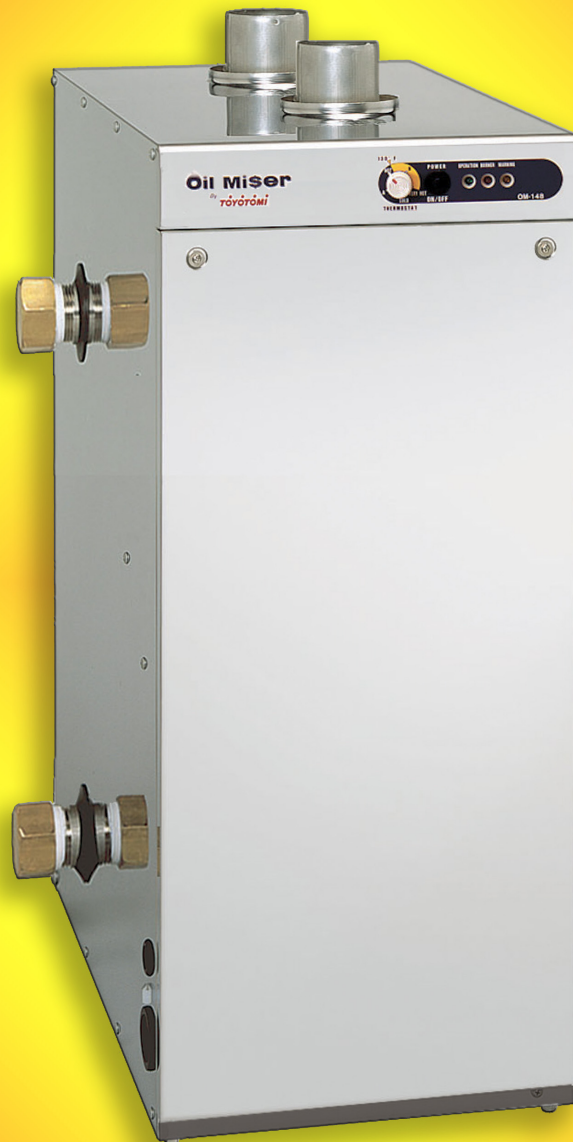


INTRODUCING

Oil Miser®

HYDRONIC HEATING & DOMESTIC ON DEMAND HOT WATER

MODEL: OM-180



SPECIFICATIONS

Model:	OM-180 (Stainless Steel Cabinet and Heat Exchanger)
Type:	Combustion Type: Pressure Vapor
	Flue Pipe and Chimney Connection: Forced Flue
	Heating Supply System: Instantaneous
	Purpose: Hot Water Supply, Hydronic Heating
Ignition:	High Voltage Discharge Spark
Fuel:	ASTM D396 No.2 or No.1 Fuel Oil, ASTM D3699 1-K Kerosene
Efficiency:	90% *
Hot Water Input:	148,000 BTU/h
Maximum Hot Water Temperature:	180°F (Approximately)
Flow Rate/ Temperature Rise:	6.2 gal/min (40 °F rise), 5.0 gal/min (50 °F rise) 4.1 gal/min (60 °F rise), 3.5 gal/min (70 °F rise) 3.1 gal/min (80 °F rise)
Fuel Consumption:	1.05 gal/h
Capacity of Heat Exchanger:	5.10 gal
Temperature Differential Settings:	3.6°F, 18°F, 36°F (3 settings by selector switch)
Fuel system:	External tank **
Dimensions (W x H x D):	12-5/8" x 27-3/4" x 22-1/2"
Weight:	81 lbs. Empty
Vent Pipe Hole:	4-3/4" diameter (for flue pipe installation kit)
Maximum Length of Vent Pipe System:	10 ft., 3 bends or less (exhaust pipes for flue pipe installation kit)
Electrical Rating:	120 Volts AC, 60 Hz
	Ignition - 120W
	Burning - 98W
Required Accessories:	Flue Pipe Installation Kit or 5 inch Chimney Adapter Kit Fuel filter and Drain valve
Safety Devices:	Ignition safety, High Limit Thermistor, Heat exchanger bi-metal switch, Temperature fuse, Fusible link valve, Exhaust Air Temperature: less than 500°F, Temperature & pressure relief valve (included)



Nozzle: Quantity of Vapor:	0.85 GPH
Spraying Angle:	60°
Spray Pattern:	Delavan Type XA
Temperature Fuse:	282°F
Electric Current Fuse:	5 A (Main Control) 7 A (Auxiliary Port for Circulation Pump and etc.)
Optional Accessories:	Remote Controller

* Heat and vaporized water are produced by the combustion process of this water heater. This rating does not take into account heat loss due to condensation of water vapor.
** External tank to be purchased from local suppliers.

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