

**INTRODUCING**

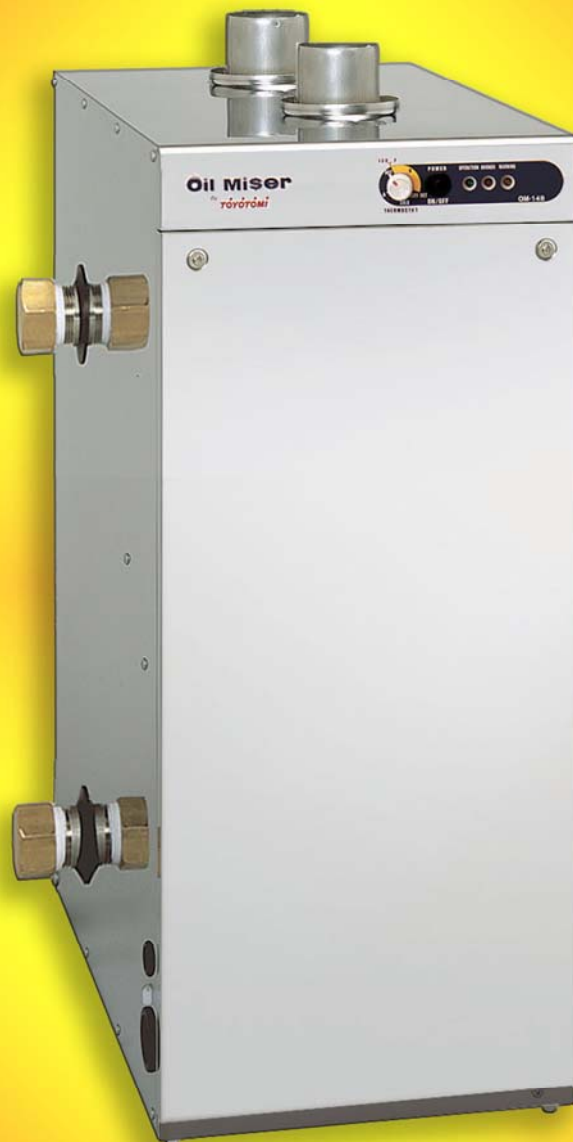
# Oil Miser®

HYDRONIC HEATING & DOMESTIC INSTANTANEOUS HOT WATER

MODEL: OM-180

High Energy Efficiency

Compact Size & Weight



Direct Vent or Chimney Vent

Very Quiet

Inlets/Oulets on both sides for ease of installation

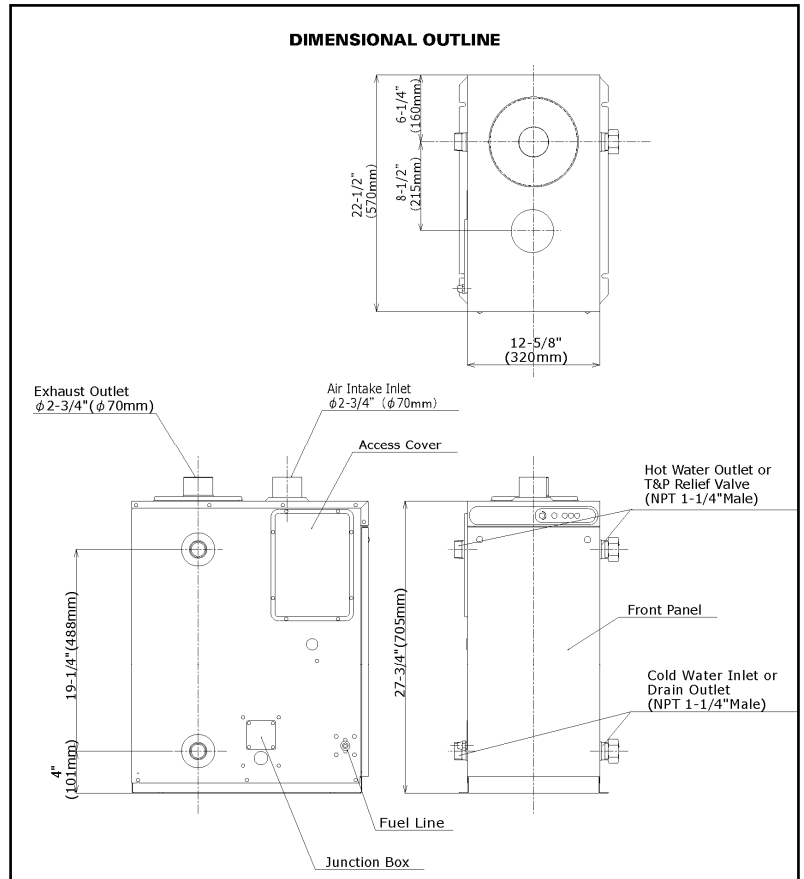
# SPECIFICATIONS

Model:	OM-180 (Stainless Steel Cabinet)
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 D3699 1-K Kerosene, ASTM D396 No.1 or No.2 Fuel Oil
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 Device:	Ignition safety device, High Limit Thermistor, Heat exchanger bi-metal switch, Temperature fuse, Fusible link valve Exhaust Air Temperature: less than 500°F Temp & 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.



**TOYOTOMI**

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