

INSTANTANEOUS INDIRECT
WATER HEATER

turbomax43



PERFORMANCE AND PEACE OF MIND

EXCEPTIONAL HIGH-QUALITY
DOMESTIC HOT WATER

MORE THAN 30-YEAR LIFESPAN

COMPATIBLE WITH ALL SOURCES
OF THERMAL ENERGY

MINIMIZES ENERGY CONSUMPTION

UNMATCHED ENERGY TRANSFER CAPABILITIES

NO MAINTENANCE – 15-YEAR WARRANTY



Peak-performance
heating systems

turbomax43

INSTANTANEOUS INDIRECT
WATER HEATER



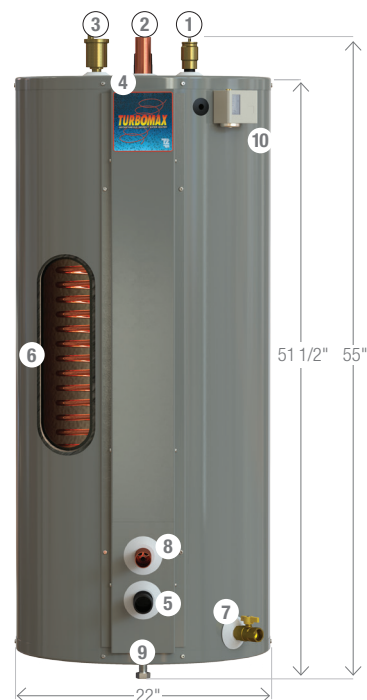
Patented in Canada and the USA

TURBOMAX 43 is an instantaneous indirect water heater, especially designed for residential use. It contains an exchanger with three copper coils that ensures that domestic hot water is renewed and available at all times for superior quality water. The patented injectors use the heating system's heat transfer liquid to indirectly heat potable water circulating in the exchanger within 7 seconds for all your domestic hot water needs, every time.

STANDARD EQUIPMENT

- 1- 30 PSI RELIEF VALVE
- 2- DOMESTIC HOT WATER OUTLET
- 3- AUTOMATIC AIR VENT
- 4- HEATING SUPPLY
- 5- HEATING RETURN
- 6- COPPER COILS
- 7- DRAIN VALVE
- 8- DOMESTIC COLD WATER
- 9- ADJUSTABLE LEGS
- 10- ADJUSTABLE DIFFERENTIAL AQUASTAT

- Domestic cold water
- Domestic hot water
- Heating supply
- Heating return



Performances

Domestic hot water production per hour in US gallons *

Power		1 st Hour			Continuous			Option A		Option B	
BTU/h	kW	110 °F	140 °F	180 °F	110 °F	140 °F	180 °F				
50 000	15	134	80	50	86	60	43	Small / 30 gallons	1	Standard / 50 gallons	--
100 000	29	220	140	93	172	121	87	Small / 30 gallons	2	Standard / 50 gallons	1
150 000	44	306	200	137	258	181	130	Standard / 50 gallons	2	Large / 70 gallons	1
200 000	59	392	261	--	344	241	--	Large / 70 gallons	2	Extra capacity / 100 gallons	--
250 000	73	477	321	--	429	302	--	Please consult your representative		Please consult your representative	
300 000	88	563	--	--	515	--	--	Please consult your representative		Please consult your representative	

* 40 °F domestic cold water supply and 180 °F boiler water temperature.

Specifications

Model	Tank volume	Heat transfer	Max. DHW flow*	Domestic water connector	Heating water connector	Weight
Turbomax 43	48 US gal.	19.6 ft ²	9 gpm	1 1/4" Sweat M	1 1/4" NPTM	185 lbs.

* These values must be reduced on high temperature and continuous flow applications.

15-YEAR WARRANTY
ON THE RESERVOIR AND COPPER COILS

2-YEAR WARRANTY
ON MECHANICAL PARTS

- Standby loss <1/2 °F per hour
- Heat transfer efficiency: 99%
- Output temperature up to 200 °F
- Tank and coils tested at a pressure of 300 psi
- Maximum operating pressure: 150 psi



THERMO 2000 Inc.
500 9th Avenue
Richmond, QC J0B 2H0 Canada

1 888 854-1111 Toll-free
819 826-5613 Telephone
819 826-6370 Fax

thermo2000.com