

DOUBLE SERPENTINE WATER HEATER



ATABOYLER

"The New Form Of Energy"

Double Serpentine Water Heater

These water heaters, that are produced according to European Standard (EN 12897), are double enamel coated and they are used especially in villas, hotels, restaurants, factories. They can be used also every buildings that need hot water. They are used by connecting to a boiler and a solar collector at the same time.

Technical Features

- Capacity between 160 - 3000 lt.
- Hygienic because areas, that come into contact with water, are double enamel coated.
- 50 mm. Polyurethane insulated at the capacity between 160 - 600 lt. , special sponge insulated at the capacity between 800 - 3000 lt.
- Electrostatic powder painted cover on galvanized plate at the capacity between 160 - 600 lt. , special wintex cover at the capacity between 800 - 3000 lt.
- Cathodic protection
- High efficiency.
- Electrical resistance as optional.
- Esthetic appearance
- 10 bar operating pressure

MODELS

	ATA 802	800 LT	
ATA 162	160 LT	ATA 802	800 LT
ATA 202	200 LT	ATA 1002	1000 LT
ATA 302	300 LT	ATA 1502	1500 LT
ATA 502	500 LT	ATA 2002	2000 LT
	ATA 3002	3000 LT	

CAPACITY SCHEME

MODEL	ATA 162	ATA 202	ATA 302	ATA 502	ATA 602	ATA 802	ATA 1002	ATA 1502	ATA 2002	ATA 3002
CAPACITY (LT)	160	200	300	500	600	800	1000	1500	2000	3000
HOT WATER CAPACITY (lit)	070	730	840	1400	1400	1050	1050	1050	1050	2000

MODEL	ATA 162	ATA 202	ATA 302	ATA 502	ATA 602	ATA 802	ATA 1002	ATA 1502	ATA 2002	ATA 3002
CAPACITY (LT)	160	200	300	500	600	800	1000	1500	2000	3000
HOT WATER CAPACITY (lit)	320	400	740	770	770	940	940	1320	1320	2000

MODEL	ATA 162	ATA 202	ATA 302	ATA 502	ATA 602	ATA 802	ATA 1002	ATA 1502	ATA 2002	ATA 3002
CAPACITY (LT)	160	200	300	500	600	800	1000	1500	2000	3000
HOT WATER CAPACITY (lit)	820	1040	1020	1900	1900	2100	2100	2000	2000	4040

MODEL	ATA 162	ATA 202	ATA 302	ATA 502	ATA 602	ATA 802	ATA 1002	ATA 1502	ATA 2002	ATA 3002
CAPACITY (LT)	160	200	300	500	600	800	1000	1500	2000	3000
HOT WATER CAPACITY (lit)	1050	1455	1740	2465	2465	2090	2090	3000	3000	5910

MODEL	ATA 162	ATA 202	ATA 302	ATA 502	ATA 602	ATA 802	ATA 1002	ATA 1502	ATA 2002	ATA 3002
CAPACITY (LT)	160	200	300	500	600	800	1000	1500	2000	3000
HOT WATER CAPACITY (lit)	1050	1455	1740	2465	2465	2090	2090	3000	3000	5910

MODEL	ATA 162	ATA 202	ATA 302	ATA 502	ATA 602	ATA 802	ATA 1002	ATA 1502	ATA 2002	ATA 3002
CAPACITY (LT)	160	200	300	500	600	800	1000	1500	2000	3000
HOT WATER CAPACITY (lit)	1050	1455	1740	2465	2465	2090	2090	3000	3000	5910

DIMENSION SCHEME

MODEL	ATA 162	ATA 202	ATA 302	ATA 502	ATA 602	ATA 802	ATA 1002	ATA 1502	ATA 2002	ATA 3002
CAPACITY (LT)	160	200	300	500	600	800	1000	1500	2000	3000
EXTERNAL CALIBER (mm)	585	758	758	758	758	910	910	1120	1260	1480
HEIGHT (mm)	1050	1250	1270	1720	1870	2100	2130	2420	2490	2750

HEATING INLET/OUTLET	1.14"	1.14"	1.14"	1.14"	1.14"	1.14"	1.14"	1.14"	1.14"	1.14"
COLLECTOR INLET/OUTLET	1.14"	1.14"	1.14"	1.14"	1.14"	1.14"	1.14"	1.14"	1.14"	1.14"

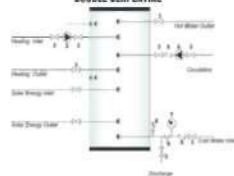
CIRCULATION INLET/OUTLET	3/4"	3/4"	1"	1"	1"	1.14"	1.14"	1.14"	1.14"	1.14"
CIRCULATION	3/4"	3/4"	1"	1"	1"	1.14"	1.14"	1.14"	1.14"	1.14"

SERPENTINE SURFACE (M2 FOR HEATING)	0.74	0.81	1.2	2.10	2.10	3.08	3.08	4.37	4.37	7.91
SERPENTINE SURFACE (M2 Solar Collector)	0.59	0.74	1	1.39	1.38	1.54	1.54	2.18	2.18	3.64

NET WEIGHT (kg)	102	114	143	198	227	332	391	447	501	995
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DOUBLE SERPENTINE



CONNECTION SCHEME

1. Water Heater
2. Circulation Pump (Boiler)
3. On/Off Valve
4. Thermostat
5. Check Valve
6. Circulation Pump (Heating System)
7. Manometer
8. Safety Relief Valve
9. Strainer

Cold Water
Inlet 10°C hot water
outlet 45° heating fluid inlet
80°C
(for radiator)

Cold Water
Inlet 10°C hot water
outlet 60° heating fluid inlet
80°C
(for radiator)

Cold Water
Inlet 10°C and
hot water outlet 45°C at
steasy operation

NOTE: All capacities can be produced polyurethane insulated and electrostatic powder painted cover on galvanized plate as optional.