

SINGLE SERPENTINE WATER HEATER



Single 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 or a solar collector.

Technical Features

- Capacity between 100 - 3000 lt.
- Hygienic because areas, that come into contact with water, are double enamel coated.
- 50 mm. Polyurethane insulated at the capacity between 100 - 600 lt. , special sponge insulated at the capacity between 800 - 3000 lt.
- Electrostatics powder painted cover on galvanized plate at the capacity between 100 - 600 lt. , special winlex cover at the capacity between 800 - 3000 lt.
- Cathodic protection
- High efficiency
- Electrical resistance as optional
- Esthetic appearance
- 10 bar operating pressure



MODELS

ATA 101	100 LT	ATA 801	800 LT
ATA 161	160 LT	ATA 1001	1000 LT
ATA 201	200 LT	ATA 1501	1500 LT
ATA 351	350 LT	ATA 2001	2000 LT
ATA 501	500 LT	ATA 3001	3000 LT

CAPACITY SCHEME

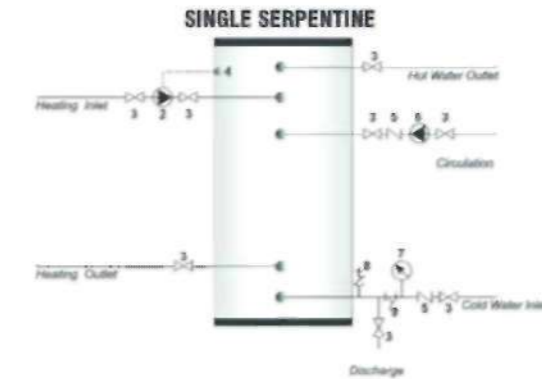
MODEL	ATA 101	ATA 161	ATA 201	ATA 351	ATA 501	ATA 601	ATA 801	ATA 1001	ATA 1501	ATA 2001	ATA 3001
CAPACITY (LT)	100	160	200	350	500	600	800	1000	1500	2000	3000
HOT WATER CAPACITY(LT/H)	600	1170	1410	1615	1890	1890	2910	2910	4520	4520	6320

MODEL	ATA 101	ATA 161	ATA 201	ATA 351	ATA 501	ATA 601	ATA 801	ATA 1001	ATA 1501	ATA 2001	ATA 3001
CAPACITY (LT)	100	160	200	350	500	600	800	1000	1500	2000	3000
HOT WATER CAPACITY(LT/H)	335	675	905	998	1135	1135	1430	1430	2200	2200	3000

MODEL	ATA 101	ATA 161	ATA 201	ATA 351	ATA 501	ATA 601	ATA 801	ATA 1001	ATA 1501	ATA 2001	ATA 3001
CAPACITY (LT)	100	160	200	350	500	600	800	1000	1500	2000	3000
0,5 ATU HOT WATER CAPACITY(LT/H)	980	1880	1975	2075	2550	2550	3070	3070	4900	4900	6860
1,00 ATU HOT WATER CAPACITY(LT/H)	1100	2345	2460	2650	2880	2880	3480	3480	5600	5600	7840

DIMENSION SCHEME

MODEL	ATA 101	ATA 161	ATA 201	ATA 351	ATA 501	ATA 601	ATA 801	ATA 1001	ATA 1501	ATA 2001	ATA 3001
CAPACITY (LT)	100	160	200	350	500	600	800	1000	1500	2000	3000
EXTERNAL CALBER (mm)	486	586	586	756	756	756	910	1010	1120	1260	1460
HEIGHT (mm)	1050	1050	1250	1270	1720	1970	2100	2130	2420	2450	2750
HEATING INLET-OUTLET	1	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
HOT WATER INLET-OUTLET	3/4"	3/4"	3/4"	1"	1"	1"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	2"
CIRCULATION	3/4"	3/4"	3/4"	1"	1"	1"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	2"
SERPENTINE SURFACE M2	0,59	0,81	1,08	1,45	2,19	2,19	3,08	3,08	4,97	4,97	7m'
NET WEIGHT(without water)	73	89	100	132	181	194	286	352	407	537	810



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°C heating fluid 80°C

Cold water inlet 10°C hot water 60°C heating fluid 80°C

Cold water inlet 10°C, and hot water outlet 45°C at steamy operations

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

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Modern Keresteciler Sitesi 4. Cd. 16.Sk. No:3-5-7 Saray-Kazan - ANKARA / TÜRKİYE Phone: 0.(312) 815 13 97 Fax: 0.(312) 815 13 98

www.ataboyler.com • info@ataboyler.com