ASF V - ADSF V

High-performance glass-ceramic boilers with fixed coil

SOLAR THERMAL COMBIANTAION

BIOMASS

DHW

Technical and construction features

The high-performance boilers of the ASF V - ADSF V series are suitable for installation in civil and industrial systems for the production of domestic hot water. They allow to obtain high heat exchange yields with consistent hourly production of domestic hot water. Particularly suitable, thanks to the considerable exchange surface of the exchanger, to be used with solar panel primary circuit. Thanks to the internal protective vitrification treatment, it is possible to accumulate water up to a temperature of 95 ° C.
ASF V has a fixed coil exchanger contained within these boilers, sized to cope with high consumption peaks, and is designed with the last turns facing down to heat the entire volume of water available in the tank.
ADSF V are equipped with double fixed coil and have been designed for the exploitation of two energy sources: the lower coil exchanger, normally powered by solar panels and is designed with the last turns facing downwards to heat the entire volume of water available in the tank, thus avoiding any legionella problems; the upper coil exchanger is usually used as a solar integration and fed with the boiler.

Model	Code	€
Fixed serpentine glass-ceramic boiler ASF V 150	**37303011**	**960,00**
Fixed serpentine glass-ceramic boiler ASF V 200	**37303001**	**1.070,00**
Fixed serpentine glass-ceramic boilerASF V 300	**37303002**	**1.240,00**
Fixed serpentine glass-ceramic boiler ASF V 400	**37303003**	**1.450,00**
Fixed serpentine glass-ceramic boiler ASF V 500	**37303004**	**1.600,00**
Fixed serpentine glass-ceramic boiler ASF V 800	**37303006**	**2.400,00**
Fixed serpentine glass-ceramic boiler ASF V 1000	**37303007**	**2.750,00**
Fixed serpentine glass-ceramic boiler ASF V 1500	**37303008**	**4.430,00**
Fixed serpentine glass-ceramic boiler ASF V 2000	**37303010**	**6.760,00**
Glass-ceramic boiler with double fixed coil ADSF V 200	**37303100**	**1.140,00**
Glass-ceramic boiler with double fixed coil ADSF V 300	**37303101**	**1.310,00**
Glass-ceramic boiler with double fixed coil ADSF V 400	**37303102**	**1.630,00**
Glass-ceramic boiler with double fixed coil ADSF V 500	**37303103**	**1.730,00**
Glass-ceramic boiler with double fixed coil ADSF V 800	**37303104**	**2.600,00**
Glass-ceramic boiler with double fixed coil ADSF V 1000	**37303105**	**3.050,00**
Glass-ceramic boiler with double fixed coil ADSF V 1500	**37303106**	**5.210,00**
Glass-ceramic boiler with double fixed coil ADSF V 2000	**37303107**	**6.948,00**

Accessories ASF V - ADSF V

	Impressed current electronic anode	**mod. till 1000 l** **mod. from 1500 l to 2000 l**	**75060401** **75060399**	**182,00** **218,00**
	Electronic control unit		**75060402**	**372,00**
	Hot water thermostat with 1/2 ”L 100 mm well		**75060403**	**60,00**
	Hot water thermometer with 1/2 ”L 100 mm well		**75060404**	**18,00**
	230 V single-phase integrative electrical resistance degree of protection IP 65	**mod. 1500 W** **mod. 2000 W** **mod. 3000 W**	**75050102** **75050103** **75060300**	**90,00** **140,00** **150,00**
	400 V three-phase integrative electrical resistance degree of protection IP 65	**mod. 6000 W** **mod. 9000 W**	**75050105** **75050106**	**300,00** **320,00**

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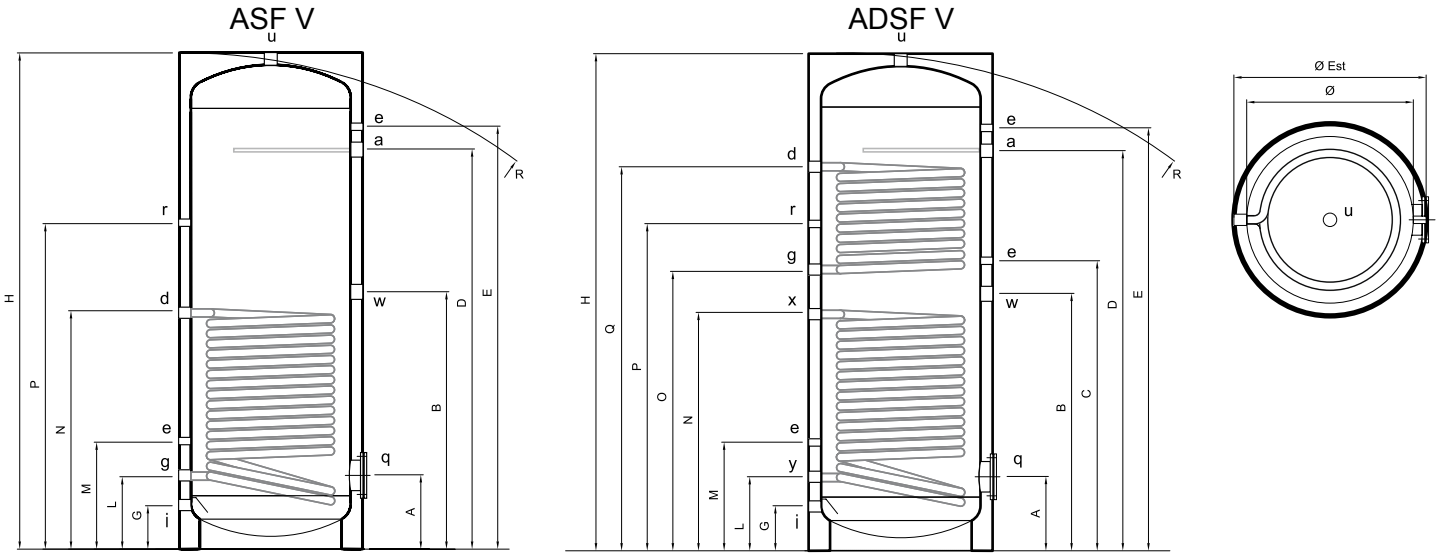
Technical features ASF V - ADSF V



Legend

a Magnesium anode
d Boiler flow and Thermometer-probe
g Boiler return
i Domestic cold water inlet
q Sanitary inspection flange
r Recirculation
u Domestic hot water outlet
w Arrangement for electric heater x Solar flow
y Solar return

Connection (gas)

L	a	e	d g x y	i	u	r	w	q (mm)
150	1”1/4	1/2”	1”	1”	1”1/4	1/2”	1”1/2	120/180
200	1”1/4	1/2”	1”	1”	1”1/4	1/2”	1”1/2	120/180
300	1”1/4	1/2”	1”	1”	1”1/4	1/2”	1”1/2	120/180
400	1”1/4	1/2”	1”	1”	1”1/4	1/2”	1”1/2	120/180
500	1”1/4	1/2”	1”	1”	1”1/4	1/2”	1”1/2	120/180
800	1”1/4	1/2”	1”	1”1/2	1”1/2	1”	1”1/2	120/180
1000	1”1/4	1/2”	1”	1”1/2	1”1/2	1”	1”1/2	120/180
1500	1”1/4	1/2”	1”	2”	2”	1”	1”1/2	220/290
2000	1”1/4	1/2”	1”	2”	2”	1”	1”1/2	220/290

L	Dimensions (mm)				Quote (mm)												Exchanger m²		Weight
l	Ø	H	Ø Est	R	A	B	C	D	E	G	L	M	N	O	P	Q	INF	SUP	Kg
150	450	1065	550	1210	260	560	-	730	840	110	190	300	530	-	730	-	0,85	-	54
200	450	1320	550	1440	260	690	850	980	1090	110	190	340	630	740	840	950	0,90	0,50	70
300	500	1610	600	1730	300	845	1050	1250	1365	120	230	405	790	900	1050	1200	1,30	0,85	93
400	650	1410	750	1610	310	745	900	1030	1140	145	240	375	690	800	900	1000	1,60	0,90	109
500	650	1660	750	1835	310	895	1095	1280	1390	145	240	395	840	950	1095	1250	1,95	1,10	125
800	790	1750	1050	1745	345	940	1095	1250	1425	150	275	425	870	1010	1200	1385	2,70	1,50	195
1000	790	2100	1050	2095	345	1090	1280	1450	1770	150	275	430	1020	1160	1400	1635	3,00	1,90	229
1500	1000	2115	1260	2145	475	1180	1345	1490	1740	230	375	530	1110	1250	1460	1675	3,70	2,30	351
2000	1100	2380	1360	2465	505	1340	1545	1750	1955	255	385	540	1270	1410	1675	1935	4,80	3,00	488

Materials	Glass porcelain (S 235 Jr)
Glass porcelain	Internal protective treatment with inorganic food enamelling complying with DIN 4753.3
Treat. external protective	Painted with anti-rust and industrial enamel
Exercise accumulation	8 bar / 95°C
Exchanger exercise	10 bar / 95°C
Insulation	Flexible insulation in polyester + PVC fire resistance class B2 (DIN 4102)
Cathodic protection	Magnesium anode