

# COMBINED SOLAR HEAT ACCUMULATORS GLASS LINED DOMESTIC STORAGE TANK

# KOMBI

LITRES (1)	CODE	SOLAR COIL m <sup>2</sup>	HOT WATER HEATER PERFORMANCES					WEIGHT kg
			HEAT OUTPUT kW	HEAT UP TIME (2) min	DHW PRODUCTION (3)			
					l/h	l/10'	l/60'	
500/150	KOMBI 0500 150	1,5	36	15	885	340	1078	146
800/150	KOMBI 0800 150	2,4	36	15	885	340	1078	191
1000/200	KOMBI 1000 200	2,4	45	16	1106	441	1363	214
1500/300	KOMBI 1500 300	2,4	50	21	1229	590	1614	284

(1) Total capacity / domestic storage tank capacity

(2) Time to heat domestic water 10 ÷ 60°C

(3) DHW production 10÷45°C with primary 80÷70°C and storage at 60°C: continuous (l/h); first 10 minutes peak (l/10'); first hour peak (l/60').



## USE

- Storage and production of heating water.
- Production and storage of Domestic Hot Water (DHW).

This equipment is used to benefit by discontinuous functioning of heating units such as solid-fuel boilers, stoves or furnaces, or in low water-content systems to limit burner operation and for the additional exploit of solar systems and heat pumps.

Working temperature:

- Heat accumulator: max 90°C.
- Domestic storage tank: max 90°C.

Working pressure:

- Heat accumulator: max 3 bar.
- Domestic storage tank: max 6 bar.

## EXCHANGER

Fixed spiral coil.

Working temperature: max 99°C.

Working pressure: max 12 bar.

## ANTICORROSIVE COATING

- Heat accumulator: INSIDE: untreated carbon steel. OUTSIDE: anti-rust paint black colour RAL 9011.
- Domestic storage tank: GLASS LINING: inorganic coating (VITREOUS ENAMEL) heated at 950°C, suitable for potable water according to DIN 4753.3 standards.

## INSULATION

Soft polyurethane thickness 100mm (PUF-100)

## EXTERNAL JACKET

SCAI orange colour RAL 2002.

## CATHODIC PROTECTION



Magnesium Anode (AMS) made of special alloy AZ63, complete with welded plug.

## PACKING

Pallet+Polythen bubble sheet.

## ANTICORROSION WARRANTY

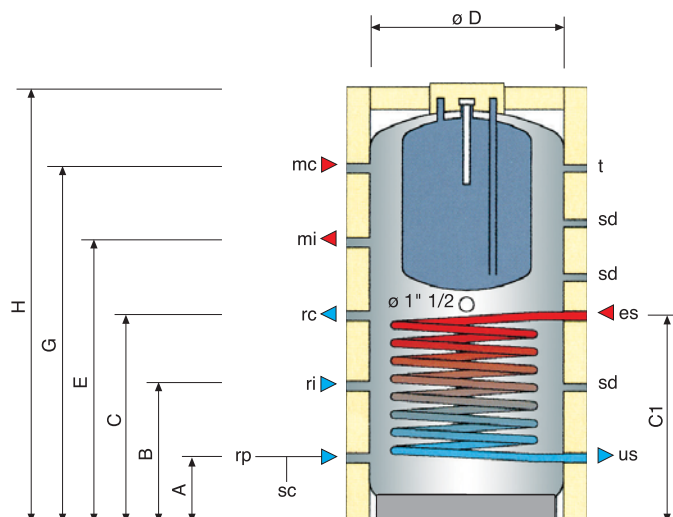
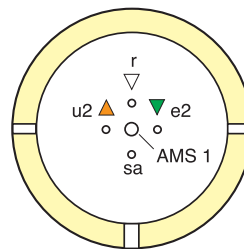
- Heat accumulator: 1 year.
- Domestic storage tank: 5 years.

90 °C	3 bar	5 years L. 296/2006	Art. 3.3 Dir. n. 97/23/EEC
ACCUMULATOR		WARRANTY	PED

LITRES	DIMENSIONS mm								Ø CONNS.			PACKING H x L x P cm
	A	B	C	C1	Ø D	E	G	H	mc-rc-mi-ri-rp	es-us	e2-u2	
500/150	260	540	820	660	650	1070	1390	1700	1"	1"	3/4"	185 x 85 x 85
800/150	270	540	820	870	750	1100	1650	1980	1"	1"	3/4"	213 x 100 x 100
1000/200	300	580	850	900	800	1130	1830	2180	1"	1"	3/4"	233 x 100 x 100
1500/300	320	600	870	920	950	1400	1940	2330	1"	1"	3/4"	248 x 120 x 120

es solar inlet  
us solar outlet  
e2 secondary inlet  
u2 secondary outlet  
r circulation Ø 3/4"  
mc boiler flow  
rc boiler return  
mi heating system flow  
ri heating system return  
rp floor heating system return  
sc drain

AMS 1 Magnesium Anode with welded plug  
sa air vent Ø 1/2"  
sd probe Ø 1/2"  
t thermometer Ø 1/2"



KOMBI

Catalogue 2008



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