



inventum

TECHNICAL FILE

500L SOLAR BOILER



version.5

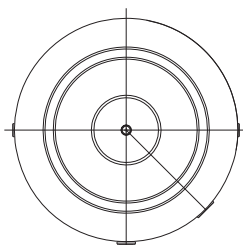
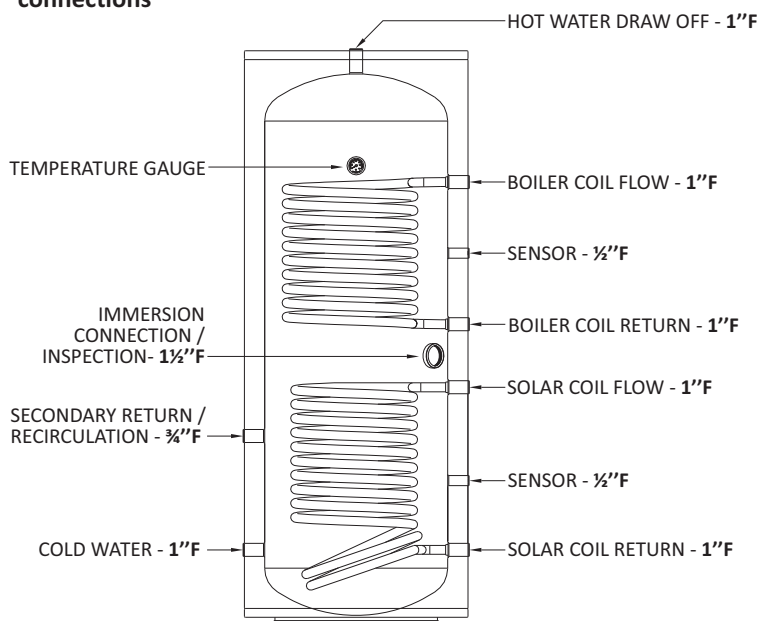
ARTICLE NO. / DESCRIPTION	CAPACITY	TYPE	MODEL	INSTALLATION
37020500 / INV-SB 500 SOLAR	500L	PRESSURIZED	SOLAR BOILER	FLOOR STANDING

constructive specifications

capacity	500L
tank material	RVS / stainless steel AISI 444 (EN 1.4521)
thermal insulation	PUR / polyurethane foam 50mm thickness , CFC-Free and HCFC-Free
casing	painted galvanized carbon steel DX51D
temperature gauge	0 - 120°C
coils material	RVS / stainless steel AISI 316L
bottom coil surface area	1,65m²
bottom coil kW rating output 85/65°C	50kW
top coil surface area	0,95m²
top coil kW rating output 85/65°C	29kW
volume heated by top coil	229,1L
max. operating pressure	8bar (0,8MPa)
test pressure	12bar (1,2MPa)
maximum working temperature	90°C
heating element (optional)	immersion connection 1½"
weight (empty)	128kg / 626kg
heat losses	111W (EN 12897)
ErP class	C
internal code	68.500.DS.01C

connections and dimensions

connections



dimensions

