

inventum

# TECHNICAL FILE

## 300L SOLAR BOILER



version.3

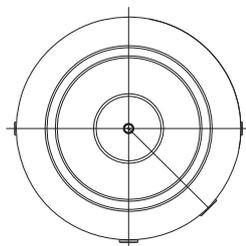
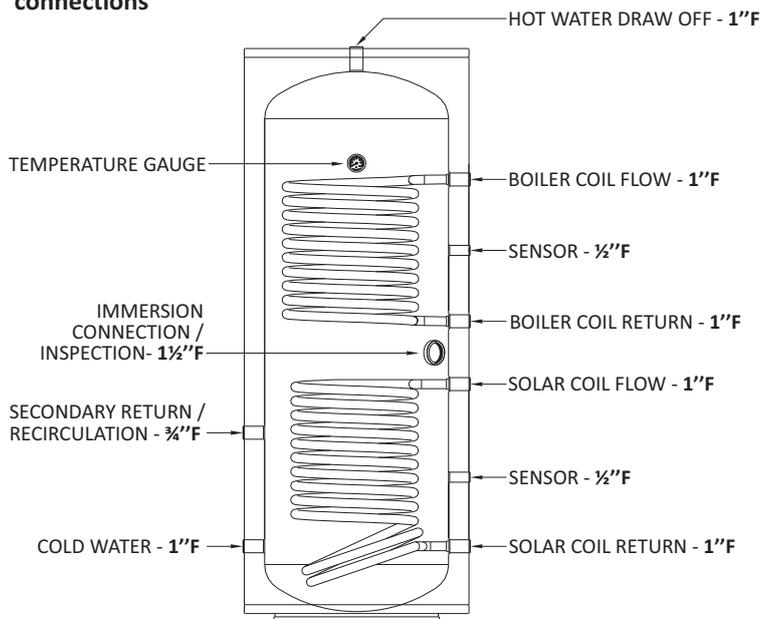
ARTICLE NO. / DESCRIPTION	CAPACITY	TYPE	MODEL	INSTALLATION
37020300 / INV-SB 300 SOLAR	300L	PRESSURIZED	SOLAR BOILER	FLOOR STANDING

### constructive specifications

capacity	300L
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 and connections	RVS / stainless steel AISI 316L
bottom coil surface area	1,32m <sup>2</sup>
bottom coil kW rating output 85/65°C	44kW
top coil surface area	0,95m <sup>2</sup>
top coil kW rating output 85/65°C	29kW
volume heated by top coil	132,5L
max. operating pressure	8bar (0,8MPa)
test pressure	12bar (1,2MPa)
maximum working temperature	90°C
heating element (optional)	immersion connection 1½"
weight (empty)	86kg / 384kg
heat losses	94W (EN 12897)
ErP class	C
internal code	68.300.DS.01

### connections and dimensions

#### connections



#### dimensions

