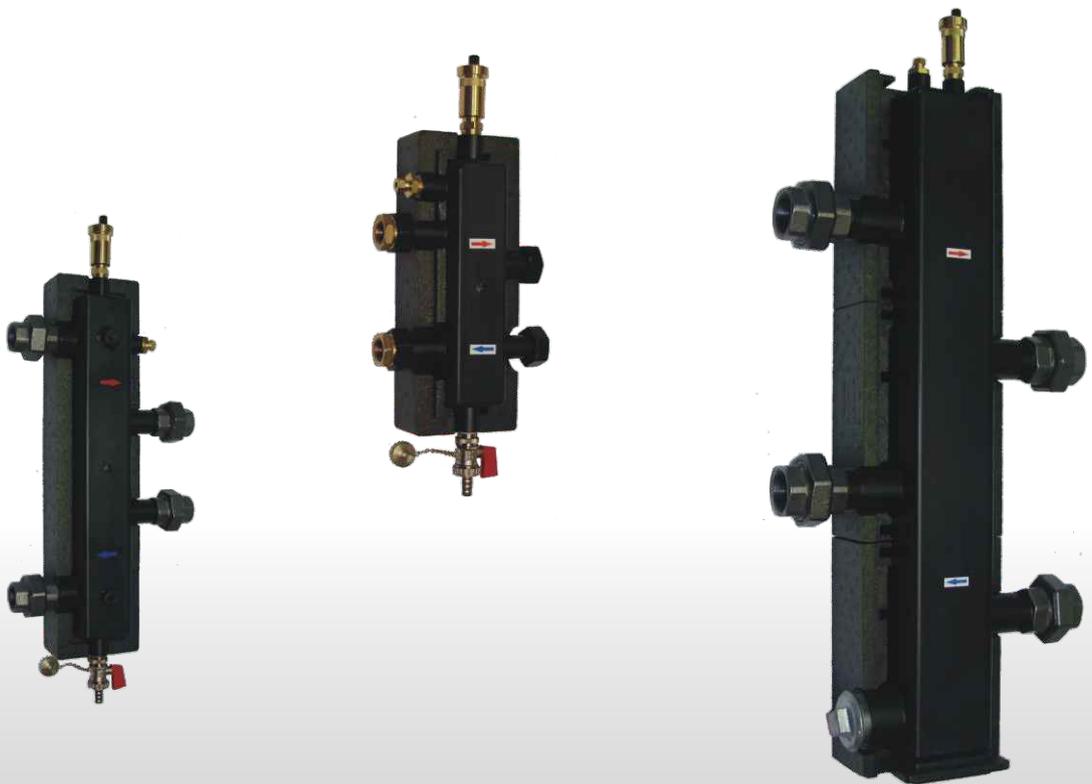


**Hydraulic separator  
CPN**

**red line**



**Mounting and operating instruction**



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## Hydraulic separator CPN 60 - DN 20

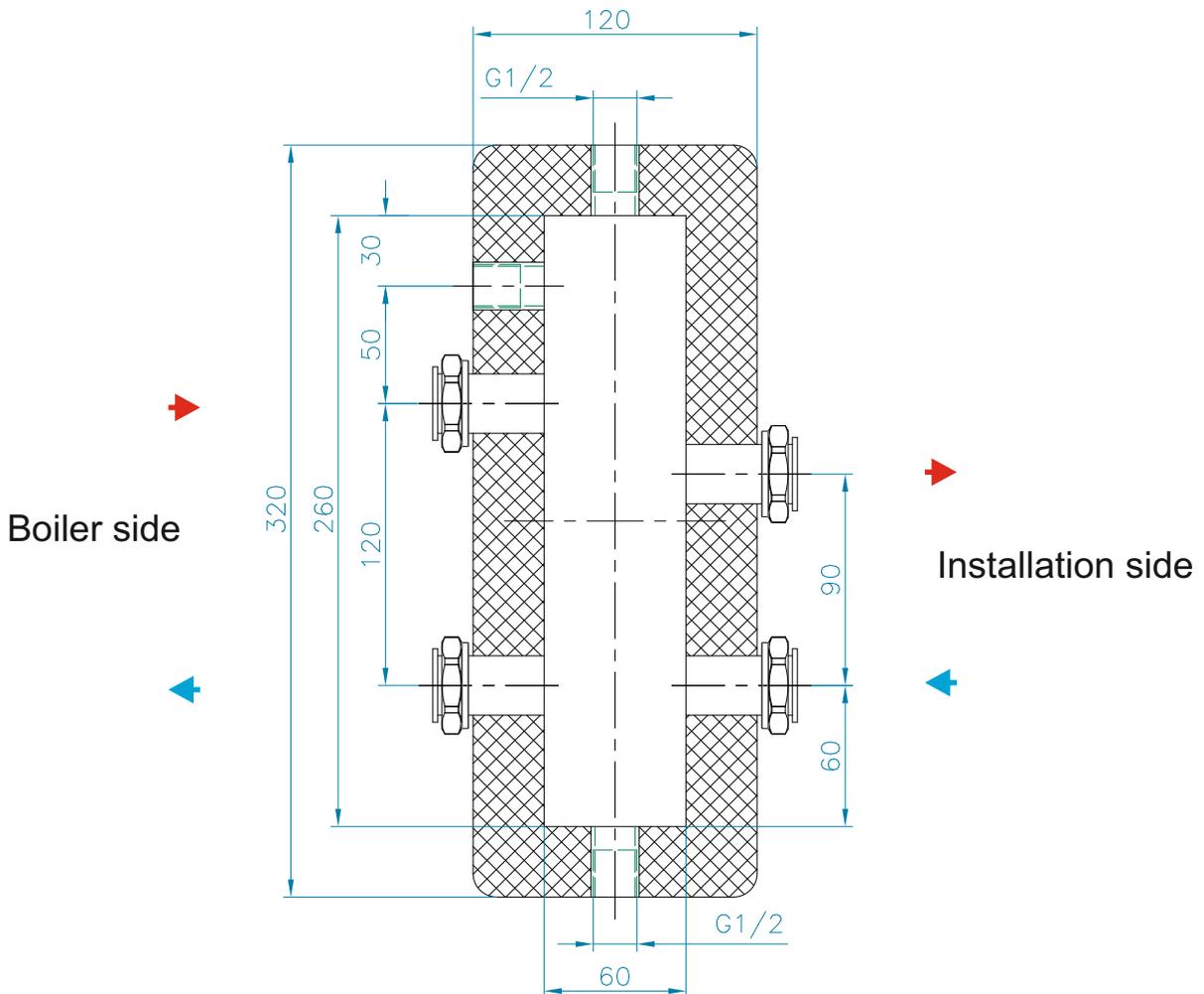


Hydraulic separator CPN 60 - DN 20 is made of steel. Factory is equipped with a reduction of 3/4 " x 1" to the simple connection of outputs from the boiler 3/4 " and insulation. It also has muff 1/2 " female thread for connecting a vent, immersion sleeve and drain. Automatic vent 3/8 " with check valve 1/2" immersion sleeve for temperature sensor 1/2 "drain valve 1/2" are supplied.

### Technical data:

Raw material:	Steel ST 37.1
Max pressure:	8 bar
Flow rate:	1,7 m <sup>3</sup> /h
Max temp.:	110°C
Insulation material:	EPP black 40 g/l
Connections:	Installation side: Nut 1"
	Boiler side: Nut 1"

**WARNING!** Under the insulation on the manifold are glued fluid flow directional arrows. Installation should be carried out according with the directions of the arrows.



## Hydraulic separator CPN 70 - DN 25

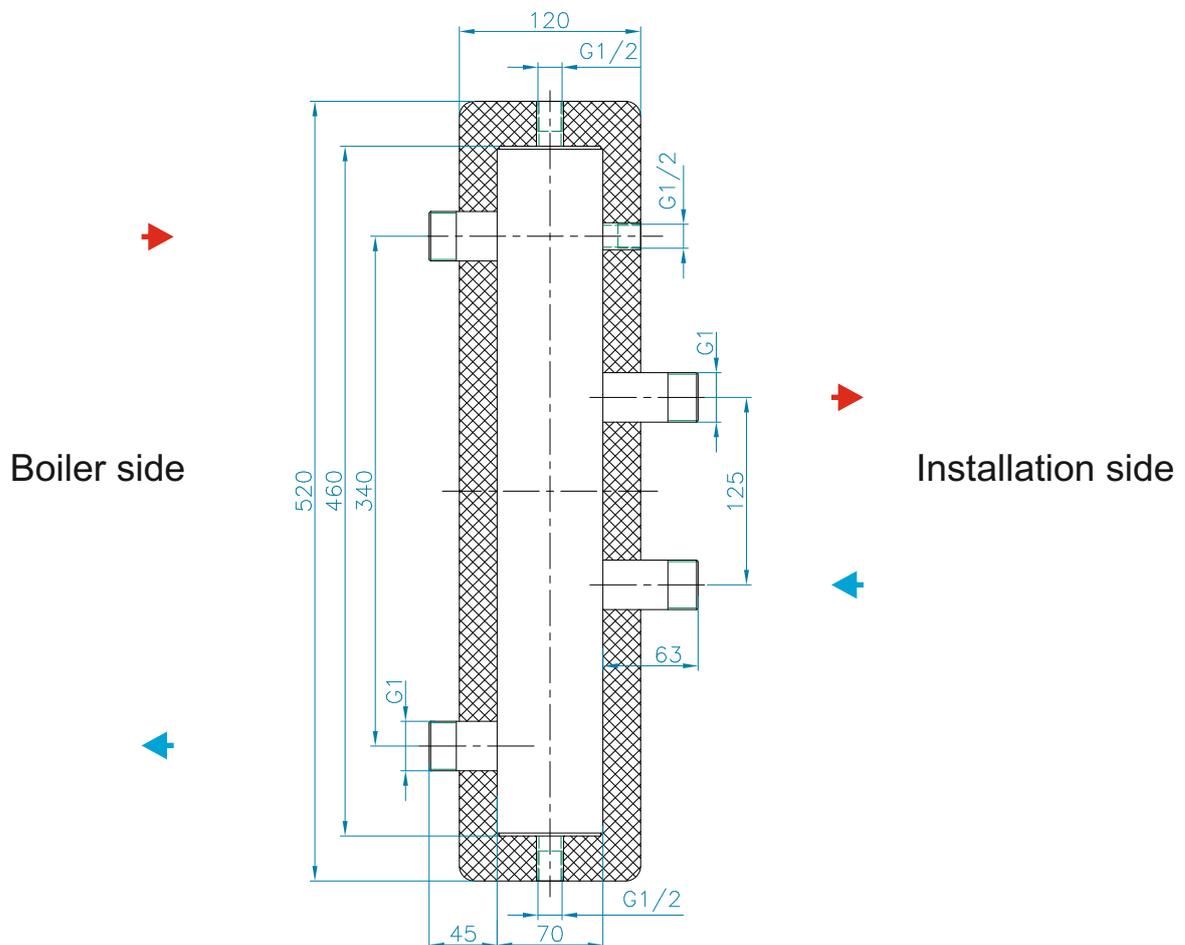


Hydraulic separator **CPN 70** is made of steel. The factory is equipped with insulation, the upper side with two connections for the temperature sensor and a vent (coupler 1/2" F), and the lower side of the drain connection (coupler 1/2" F). In the set they are automatic air vent 3/8" with check valve 1/2", immersion sleeve for temperature sensor 1/2", drain valve 1/2", the four cast-iron fittings 1" and wall brackets.

**Technical data:**

Raw material:	Steel ST 37.1
Max pressure:	8 bar
Flow rate:	2,5 m <sup>3</sup> /h
Max temp.:	110°C
Insulation material:	EPP black 40 g/l
Connections:	1"

**WARNING!** Under the insulation on the manifold are glued fluid flow directional arrows. Installation should be carried out according with the directions of the arrows.



## Hydraulic separator CPN 100 - DN 32

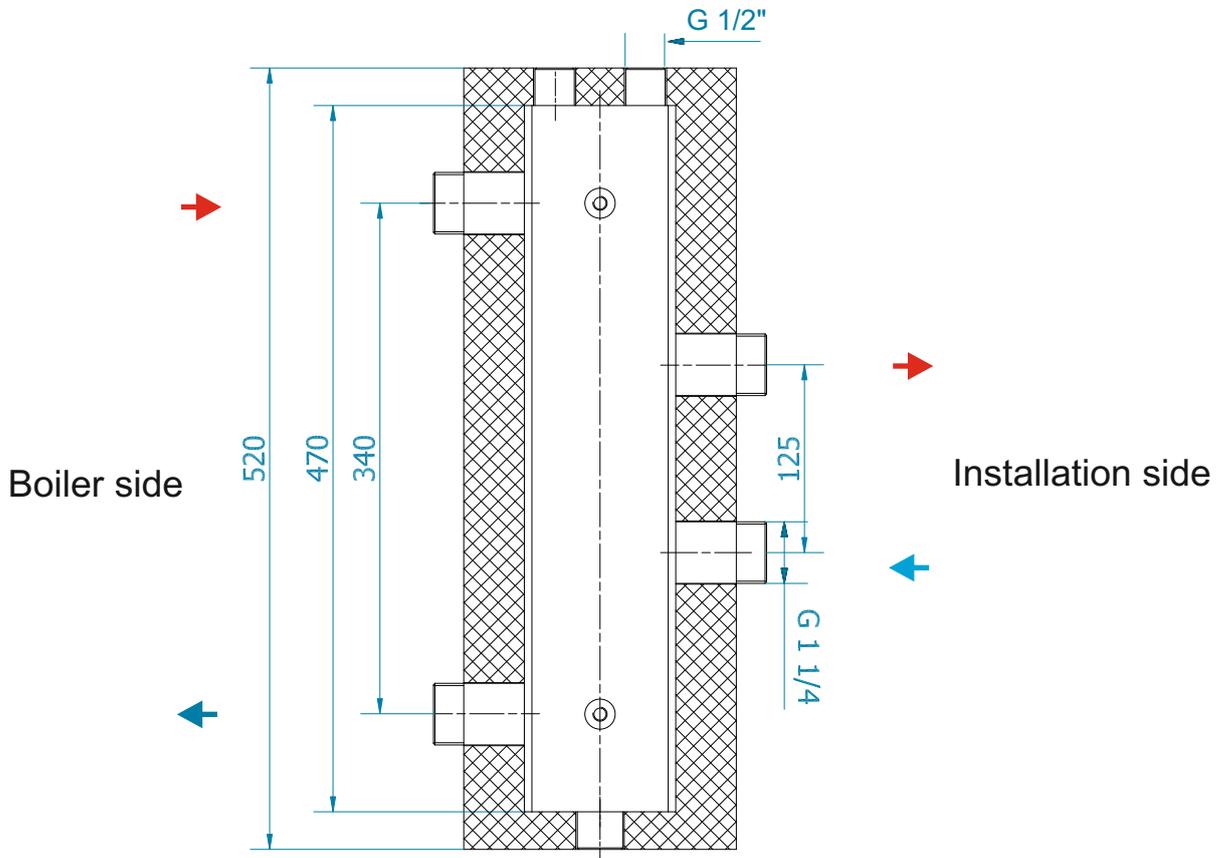


Hydraulic separator **CPN 10 DN 32** is made of steel. The factory is equipped with insulation, the upper side with two connections for the temperature sensor and a vent (coupler 1/2" F), and the lower side of the drain connection (coupler 1/2" F). In the set they are automatic air vent 3/8" with check valve 1/2", immersion sleeve for temperature sensor 1/2", drain valve 1/2", the four cast-iron fittings 1 1/4" and wall brackets.

**Technical data:**

Raw material:	Steel ST 37.1
Max pressure:	8 bar
Flow rate:	4,5 m <sup>3</sup> /h
Max temp.:	110°C
Insulation material:	EPP black 40 g/l
Connections:	1 1/4"

**WARNING!** Under the insulation on the manifold are glued fluid flow directional arrows. Installation should be carried out according with the directions of the arrows.



## Hydraulic separator CPN 100 - DN 40

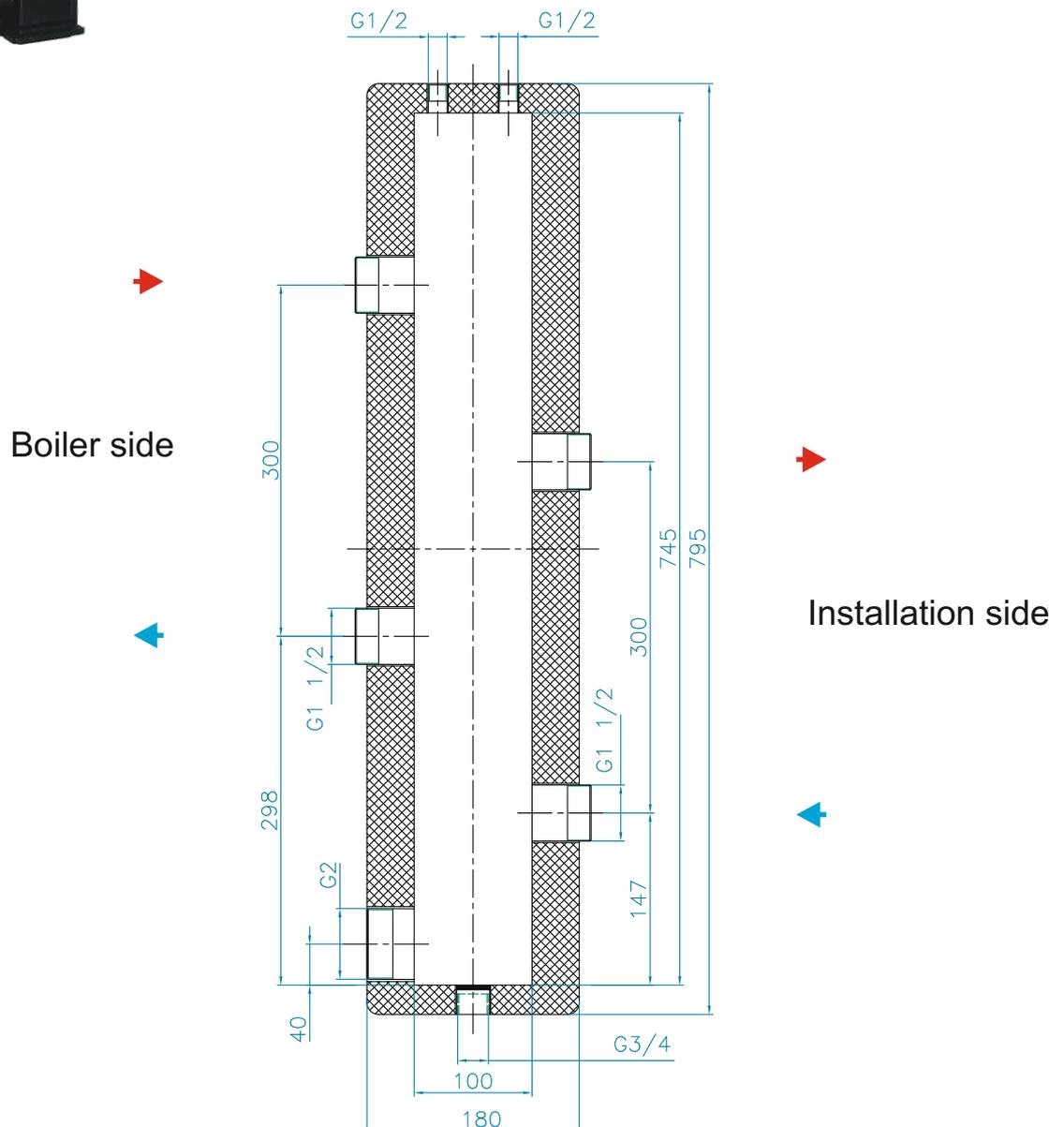


Hydraulic separator **CPN 100 DN 40** is made of steel. The factory is equipped with insulation, and the upper side with two connections for the temperature sensor and a vent (coupler 1/2" M), and the lower side of the drain connection (coupler 2" F). In the set they are automatic air vent 3/8" with check valve 1/2", immersion sleeve for temperature sensor 1/2", the four cast-iron fittings 1 1/2" and mounting feet.

### Technical data:

Raw material:	Steel ST 37.1
Max pressure:	8 bar
Flow rate:	6,5 m <sup>3</sup> /h
Max temp.:	110°C
Insulation material:	EPP black 40 g/l
Connections:	1 1/2"

**WARNING!** Under the insulation on the manifold are glued fluid flow directional arrows. Installation should be carried out according with the directions of the arrows.



## Hydraulic separator CPN 120 - DN 50



Hydraulic separator **CPN 120** is made of steel. The factory is equipped with insulation, and the upper side with two connections for the temperature sensor and a vent (coupler 1/2" M), and the lower side of the drain connection (coupler 2" M). In the set they are automatic air vent 3/8" with check valve 1/2", immersion sleeve for temperature sensor 1/2", the four cast-iron fittings 2", support.

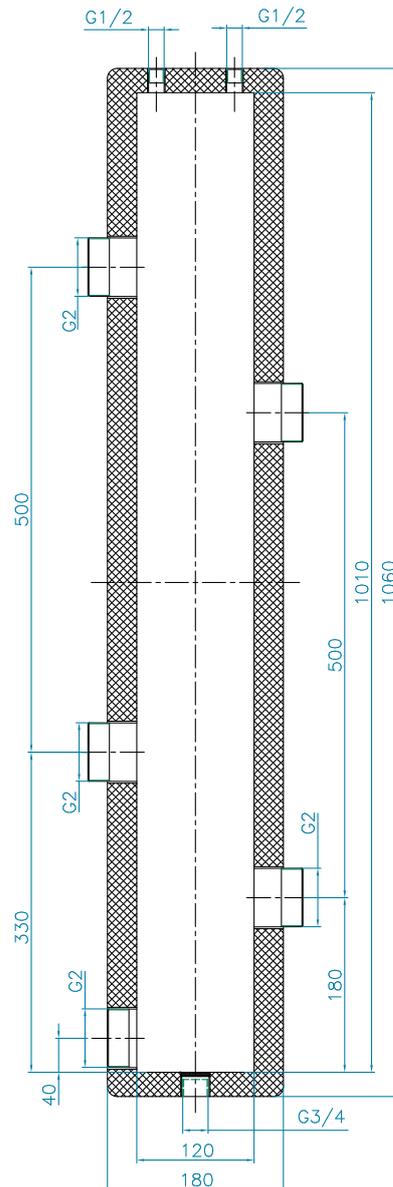
**Specifications:**

Raw material:	Steel ST 37.1
Max pressure:	8 bar
Flow rate:	9,5 m <sup>3</sup> /h
Max temp.	110°C
Insulation material:	EPP black 40 g/l
Connections:	2"

**WARNING!** Under the insulation on the manifold are glued fluid flow directional arrows. Installation should be carried out according with the directions of the arrows.

Boiler side

Installation side



## Hydraulic separator CPN 120 - DN 65



Hydraulic separator **CPN 120 – DN 65** is made of steel. The factory is equipped with insulation, the upper side have two connections for the temperature sensor and a vent (coupler 1/2" M), and the lower side of the drain connection (coupler 2" M). In the set they are automatic air vent 3/4" with check valve 1/2", immersion sleeve for temperature sensor 1/2", the four cast-iron fittings 2 1/2" and support mounting feet.

**Specifications:**

Raw material:	Steel ST 37.1
Max pressure:	8 bar
Flow rate:	18 m <sup>3</sup> /h
Max temp.	110°C
Insulation material:	EPP black 40 g/l
Connections:	2 1/2"

**WARNING!** Under the insulation on the manifold are glued fluid flow directional arrows. Installation should be carried out according with the directions of the arrows.

