

Instantaneous water heater

DLE...

including insulation, compatible with all screw-in heaters of series **ASKOHEAT-BZ** and **ASKOHEAT-SZ** up to 7.5 kW



Application

➤ For installation in a pipe system to heat the circulation circuit

Warning

The instantaneous water heater may not be operated if:

- there is a possibility that the water in the instantaneous water heater is frozen
- there is no water in the instantaneous water heater
- there is no water flow through the instantaneous water heater

Features

- Min. inlet pressure 0.1 bar [10 kPa], max. inlet pressure 6.0 bar [600 kPa]
- The instantaneous water heater comprises stainless steel V4A [1.4404 / AISI 316L]
- The insulation is made of PU solid foam IHS 3080 black and has a thickness of 20 mm
- Compatible screw-in heaters:

Product line **ASKOHEAT-BZ**

Product line **ASKOHEAT-SZ**

- 012-3103 AHR-B-BZ-3.5
- 012-3104 AHR-B-BZ-4.5
- 012-3106 AHR-B-BZ-6.0
- 012-3107 AHR-B-BZ-7.5

- 012-3113 AHR-B-SZ-3.5
- 012-3114 AHR-B-SZ-4.5
- 012-3116 AHR-B-SZ-6.0
- 012-3117 AHR-B-SZ-7.5

Type summary

Type	Order no.	Compatible screw-in heater	Installation length
DLE 760, 1½" Water connection: R 1¼" AG	012-2540	all BZ-Types up to 7.5 kW all SZ-Types up to 7.5 kW	760mm

Technical data

The following indications are valid for the above listed standard types. Due to the function, other types might show different data.

Application range

Liquids

Only for drinking water

Specification

Instantaneous water heater material

Inox 316L (1.4404), V4A

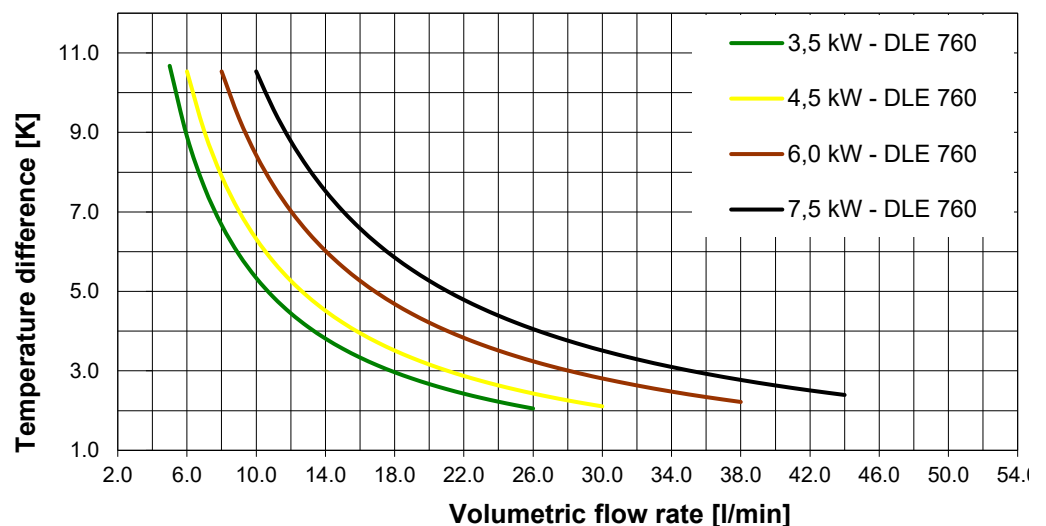
Insulation material

PU solid foam IHS 3080 black

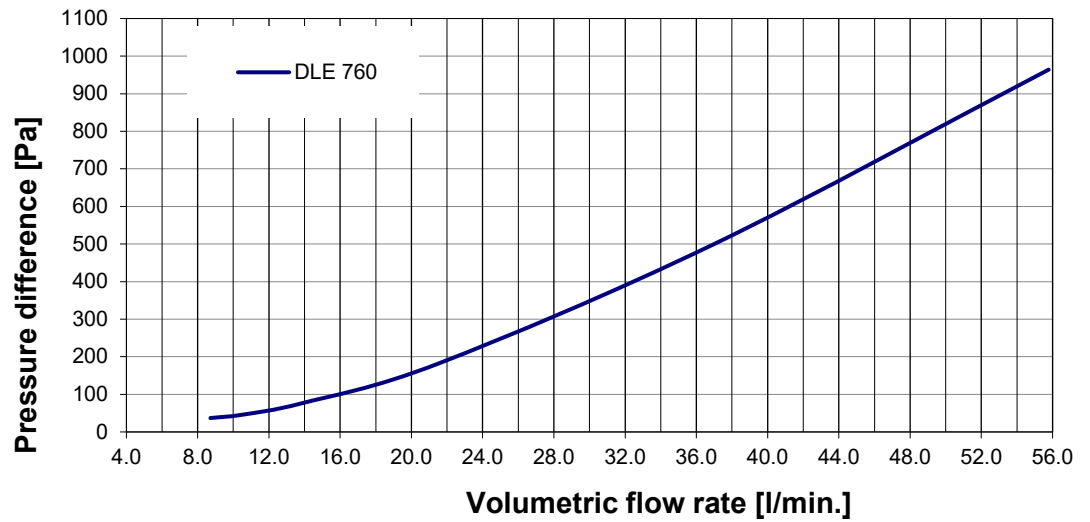
Connection

1¼" external thread

Hot water capacity



Pressure loss



Fitting notes

- The water outlet must always be at the top so that any air can escape, see installation positions
- The instantaneous water heater must not drain independently
- In a piping system, the instantaneous water heater must be fitted at the bottom
- If the instantaneous water heater is installed in the area of combustible items, there must be adequately large spacings or base supports made of non-combustible materials must be fitted

Minimum volumetric flow rate [l/min.]

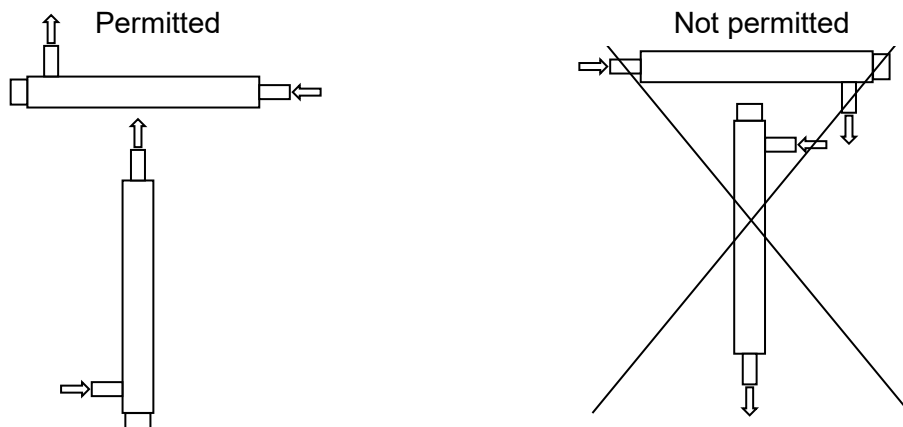
Horizontal installation (layered construction):

3.5 kW & 4.5 kW	5 l/min.
6.0 kW	9 l/min.
7.5 kW	15 l/min.

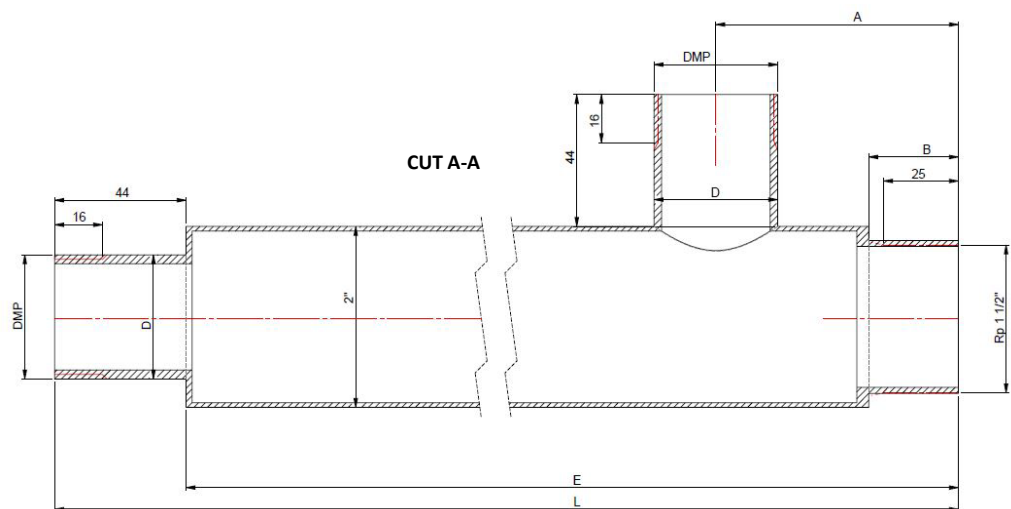
Vertical installation:

3.5 kW & 4.5 kW	2 l/min.
6.0 kW	3 l/min.
7.5 kW	4 l/min.

Installation positions flow directions



Dimension drawing



Type	DPM	L	E	A	B
DLE 760	R 1 1/4"	803 mm	758 mm	101.2 mm	50 mm