

Instantaneous water heater

DLE...

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



Application

- For heating up heating water, for installation in piping systems
- It is imperative that the problems related to "scaling" be assessed in the case of industrial water. This is location-dependent

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 V2A [1.4301 / AISI 304]
- The insulation is made of PU solid foam IHS 3080 black and has a thickness of 20 mm
- Data sheets of the compatible **ASKOHEAT** devices:
 - 012-3201 / 012-3301 / 012-3401 / 012-3501 / 012-3701 / 012-3801

Type summary

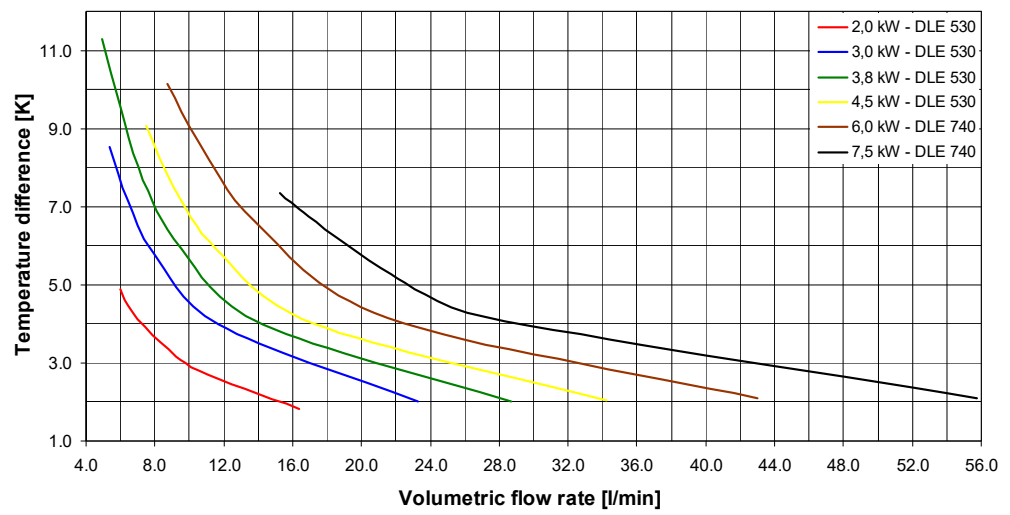
Type	Order-no.	Compatible ASKOHEAT	Installation length
DLE 530, 1½"	012-2533	All standard types up to 4.5 kW	530 mm
Water connection: R 1" external thread			
DLE 740, 1½"	012-2535	All standard types up to 7.5 kW	740 mm
Water connection: R 1¼" external thread			

Technical data

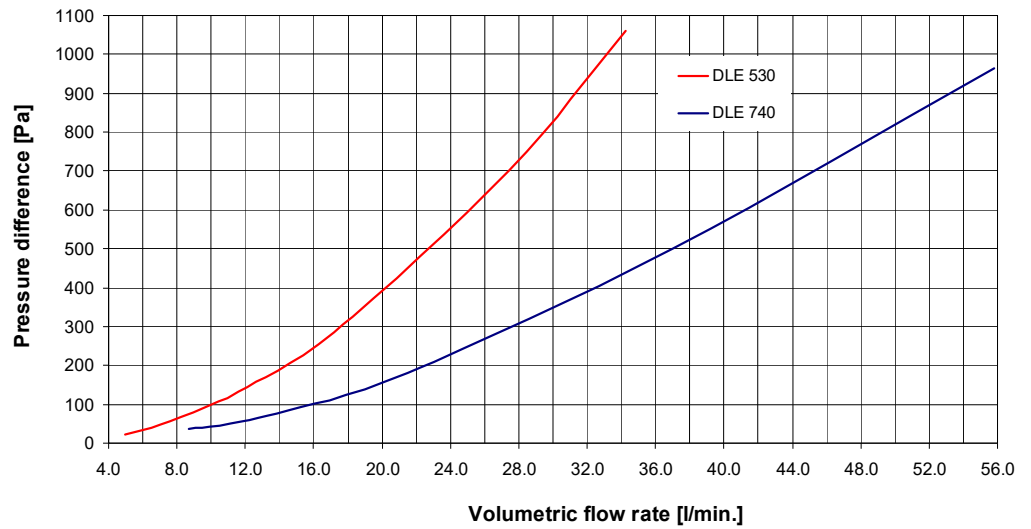
The following indications are valid for the above listed standard types. Due to the function, other types might show different data.

Application range	Liquids	Only for industrial or heating water
Specification	Instantaneous water heater material	V2A 1.4301
	Insulation material	PU solid foam IHS 3080 black
	Connection up to 4.5 kW	1" external thread
	Connection 6.0 & 7.5 kW	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.]

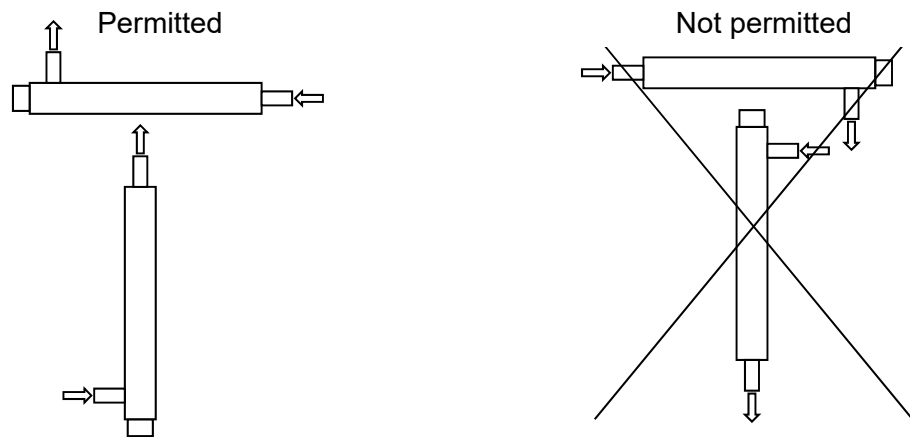
Horizontal installation (layered construction):

2.0 to 4.5 kW:	5 l/min.
6.0 kW:	9 l/min.
7.5 kW:	15 l/min.

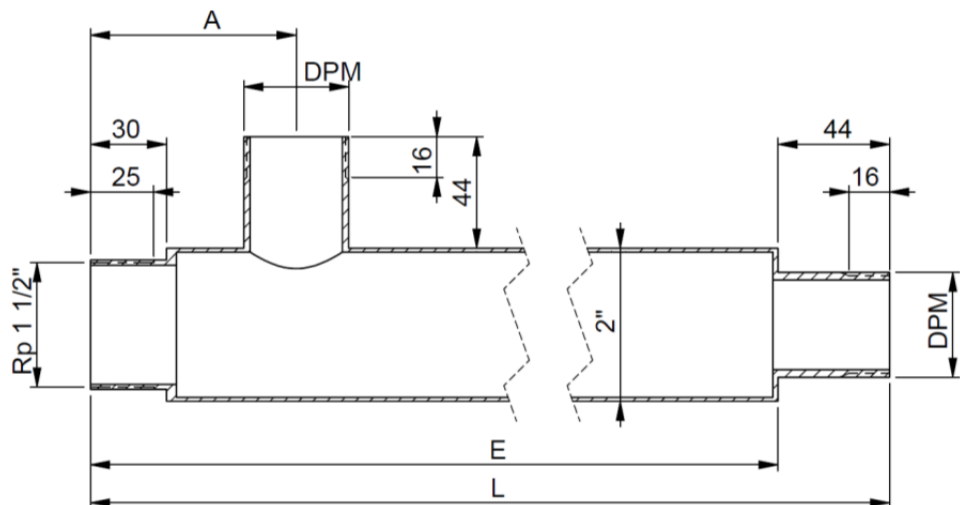
Vertical installation:

2.0 to 4.5 kW:	2 l/min.
6.0 kW:	3 l/min.
7.5 kW:	4 l/min.

Installation positions flow direction



Dimension drawing



Type	DMP	L	E	A
DLE 530	R 1"	574	530	76.8 mm
DLE 740	R 1 1/4"	784	740	81.2 mm