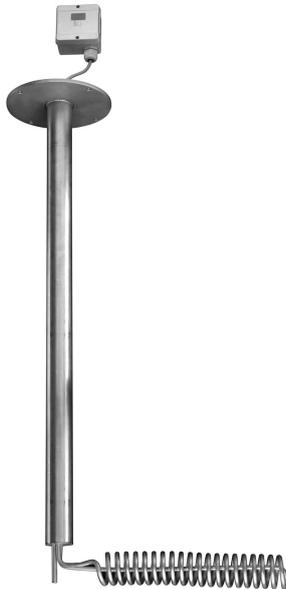


4.1.5 Tank heater for AdBlue



Application

Tempering of caustic AdBlue to avoid faults due to crystallization in the system.

Low overall height allows heating of fluid from a level of 180 mm.

Design

Flange DN 150 made of stainless-steel mat.-no. 1.4571 (AISI 316Ti), riser pipe resistant against AdBlue,

3 tubular heating elements made of stainless-steel mat.-no. 1.4571 (AISI 316Ti).

Specific surface load 1.9 W/cm²

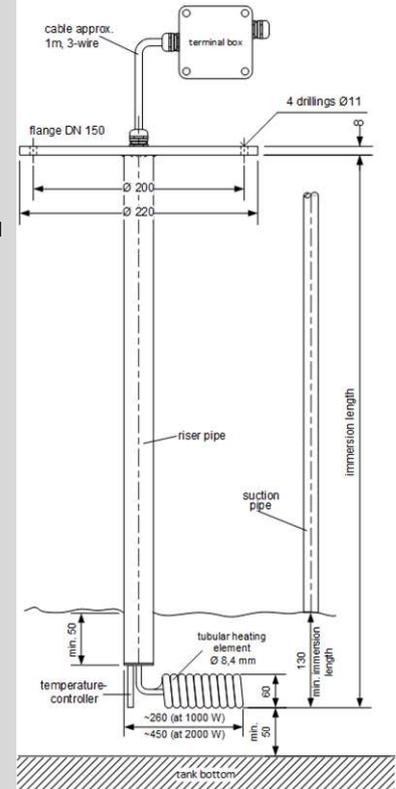
temperature controller adjustable from 0°C to 20°C (factory-made)

Kindly specify the immersion length as you require

Terminal box 84 x 84 x 47 mm, protection type IP 65

Electrical Connection

at 230 V single-phase current, single-pole thermostat switches directly



Power calculation

For example (not-binding):

At an ambient temperature of -10°C it will be possible to hold with a power of:

1000 W approx. 350 l at +5°C

2000 W approx. 700 l at +5°C

Installation

Provide dome cover with hole diameter 150 mm and 4 stud bolts M 8, bolt circle diameter 200 mm. The immersion depth of the heater must be set to a ground clearance of at least 50 mm, hang it in and screw the flange.

ATTENTION!

The suction pipe must be shortened so that the liquid level does not sink deeper than the minimum immersion depth.

Temperature control

The thermostat turns on at approx. 0°C and turns off at approx. 3°C. The setting may be changed by the manufacturer. Kindly specify the turn-off temperature that you require.

Special design

With temperature-limiter, dry-run protection other voltages, powers and surface loads are available.

immersion length [mm]	minimum immersion length [mm]	Power [Watt]	Article-no.
up to 2000	130	1000	0401 5011
up to 2000	130	2000	0401 5021