

Connection Centre All-in-one 3228



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Field of application

The SYR Connection Centre 3228 All-in-one is a connecting module used for filling the heating installation with soft and demineralized water and with water for pH-stabilization. Relevant for the

method is the refillable water softener or demineralization cartridge.

Design

The cartridges are refillable and available for 2,5,4, 7,14 and 30 Litres. The integrated BA-Filling-Combi automatically fills and refills central heating installations. The Connection Centre All-in-one is equipped with an inlet and outlet ball valve, integrated

blending valve which can be changed from water softening to demineralization, digital capacity-control with integrated conductivity measurement and remaining capacity display, a wall bracket, BA backflow preventer and a pressure-reducing valve.

Materials

Body, internal parts and isolating valve are made of high-quality, low-lead brass alloy or stainless steel. Seals are made of elastomeric synthetic ma-

terial (hot-water and ageing-resistant). The springs are made of corrosion-resistant spring steel wire.

Installation

Install the Connection Centre before the heating installation. Do not install the device in rooms liable to humidity or frost. Fit the centre to the wall

bracket. Mount the cartridges from below to the Connection Centre. The 14 litre-cartridges contain a pedestal (included in delivery).

Before installation, the pipeline must be flushed thoroughly. and Install the Connection Centre

horizontally in the pipe under consideration of the direction of flow and without applying stresses.

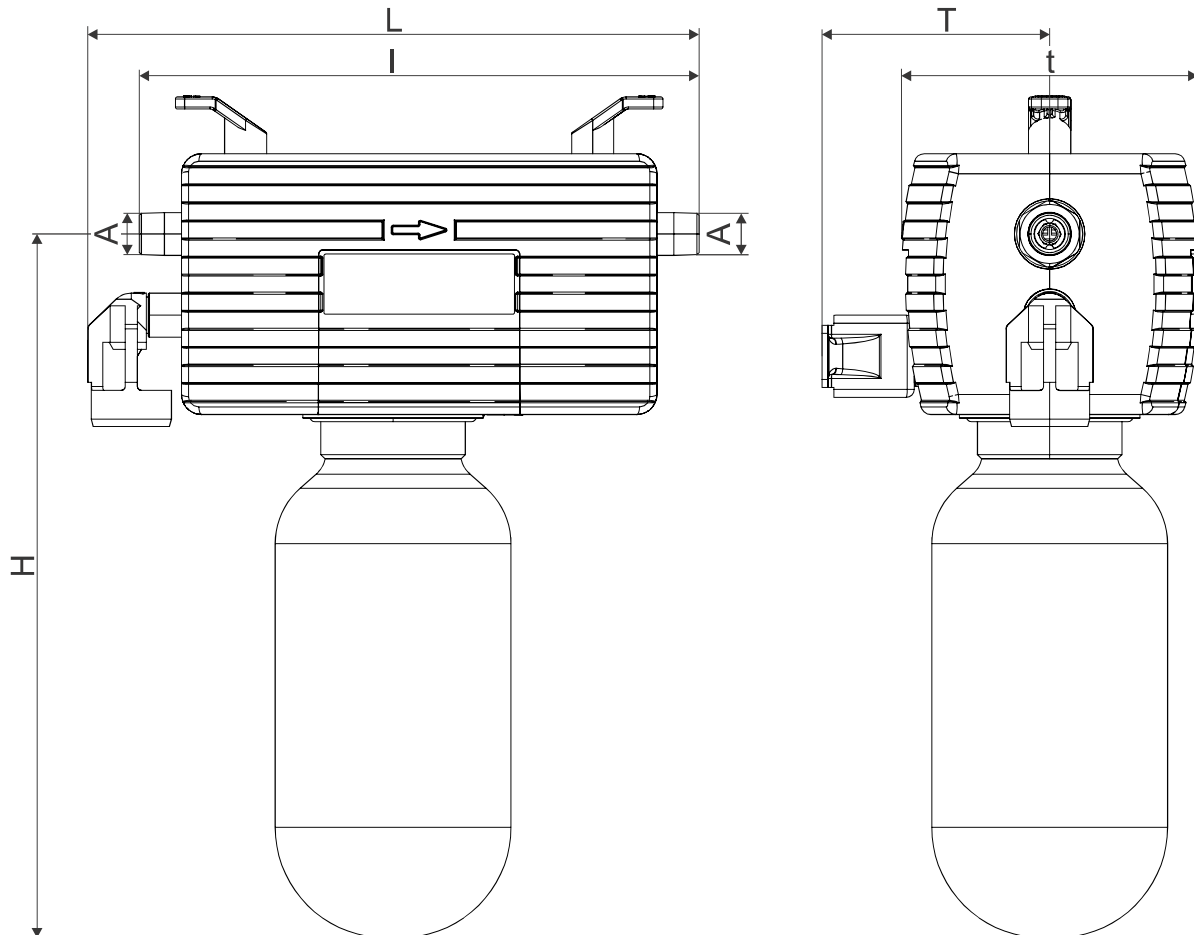
Technical data

Operating pressure:	max. 10 bar
Operating temperature:	max. 30 °C (inlet); max 65 °C (outlet)
Outlet pressure:	1 - 5 bar (factory set to 1,5 bar)
Mounting position:	main axis horizontal
Medium:	potable water
Flow rate capacity:	0,3 m ³ /h (with 2,5l-cartridge) 0,5 m ³ /h (with 4-14l-cartridge)
Serial number:	3228.15.026

Maintenance

The Connection Centre automatically reports an exhausted cartridge. Just refill the cartridge with

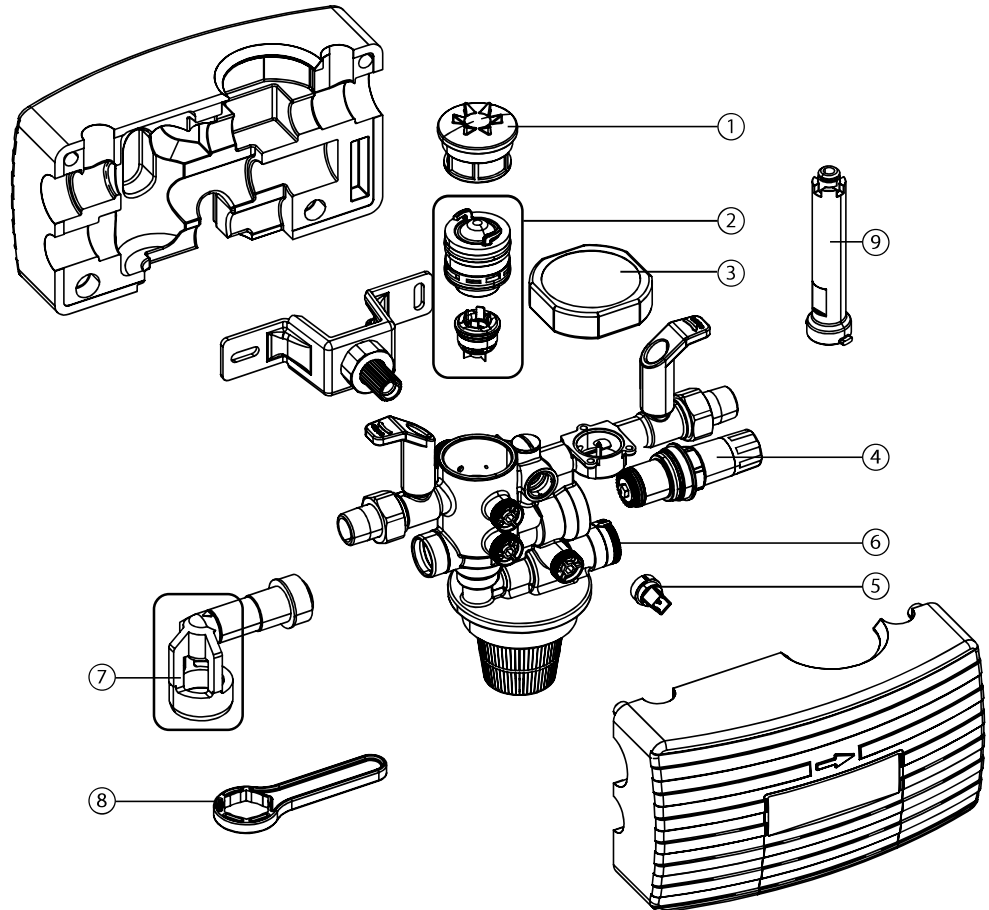
the refill resin. Pay attention to order the appropriate resin and size of the cartridge.



Nominal size		DN 20
Dimensions	A	R ½"
	L (mm)	305 - 327 (adjustable)
	l (mm)	279
	T (mm)	91 - 113,5 (adjustable)
	t (mm)	148
	H (mm)	263 (2,5 Litres), 365 (4 Litres), 562 (7 Litres), 1017 (14 Litres), 922 (30 Litres)

Components/Ordernumbers

- ①
Plug
3228.00.903
- ②
BA-cartridge
6600.00.974
- ③
Digital capacity control
3228.00.905
- ④
Pressure reducing cartridge
0315.15.900
- ⑤
Pressure sensor
3228.00.904
- ⑥
Blending valve
3200.15.914
- ⑦
Tundish
3228.00.901
- ⑧
Ring spanner
4807.00.906
- ⑨
Exchange tool
6600.00.970



Cartridge water softener
(already filled)

2,5 Litres	3200.00.021
4 Litres	3200.00.001
7 Litres	3200.00.003
14 Litres	3200.00.004
30 Litres	3200.00.018

Cartridge demineralization
(already filled)

2,5 Litres	3200.00.022
4 Litres	3200.00.011
7 Litres	3200.00.013
14 Litres	3200.00.014
30 Litres	3200.00.017

Cartridge pH-stabilization
(already filled)

2,5 Litres	3200.00.023
4 Litres	3200.00.015
7 Litres	3200.00.005
14 Litres	3200.00.006
30 Litres	3200.00.016

Exchange-granules for
water softener (no pict.)

2,5 Litres	3200.00.942
4 Litres	3200.00.904
7 Litres	3200.00.906
10 Litres	3200.00.937
14 Litres	= 2 x 7 Litres
30 Litres	= 3 x 10 Litres

Exchange-granules for
demineralization (no pict.)

2,5 Litres	3200.00.943
4 Litres	3200.00.914
7 Litres	3200.00.916
10 Litres	3200.00.938
14 Litres	= 2 x 7 Litres
30 Litres	= 3 x 10 Litres

Conductivity meter
from 09/2015 (no pict.)
3200.00.928

Exchange-granules for pH-
stabilization (no pict.)

2,5 Litres	3200.00.944
4 Litres	3200.00.927
7 Litres	3200.00.926
10 Litres	3200.00.939
14 Litres	= 2 x 7 Litres
30 Litres	= 3 x 10 Litres