AC-R

Duct cooler , also suitable for 'change over' application
Round
Cold water
Airtightness EN 1751 LUKA D/ATC 2

Available types
A C - R R - -25- -

A duct accessory
C cold-water heat exchanger

- **Version**
2 2 rows
3 3 rows
4 4 rows
5 5 rows
6 6 rows
7 7 rows
8 8 rows

R primary round air connection
R secondary round air connection

- **Water connection**
R water connection right (standard)
L water connection left (on request)

25 fin distance is 2.5 mm

- **Number of circuits (automatically follows from selection)**
01 1 circuit
02 2 circuits
03 3 circuits
etc.

Selection
Consult our sales department for the technical selection of the post-coolers.

Use
The AC-R- post-cooler has been designed to be built into the duct system. The post-cooler can also be used as a reheater in a 'change over' application. The post-cooler can be combined with a VVOO variable volume unit or a VCMH constant volume unit. See the relevant documentation for the details of these units.

Characteristics
- The AC-R- post-cooler is available in various versions.
- The connection diameters range from: D = 98 mm to D = 628 mm.
- It is suitable for HT ranges, such as 10 - 16 °C, and LT ranges, such as 6 - 12 °C.
- The airtightness of the post-cooler complies with EN 1751 LUKA D/ATC 2.

Version

Housing:	sendzimir galvanised steel sheet
Air connection:	round in accordance with DIN 24145 and Eurovent, 'safe' rubber seal
Water connection:	male thread (depending on the selection)
Condensation discharge:	½" male thread
Headers:	copper
Fins:	aluminium flat
Maximum operating pressure:	10 bar
Test pressure:	16 bar

Drainage and bleeding option.

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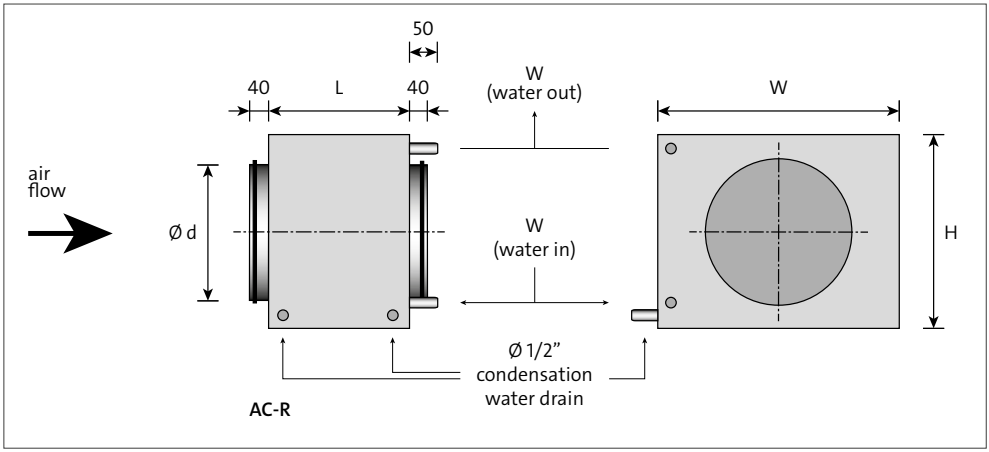
Dimensions



Available dimensions

model	D	B	H	L (number of rows ≤ 10)
100	98	226	157	500
125	123	251	182	500
160	158	301	232	500
200	198	351	282	500
250	248	401	332	500
315	313	501	432	500
400	398	601	532	500
500	498	701	632	500
630	628	801	732	500

numbers of circuits	Headers Cu	Ø Water	DN
1 - 7	22	½ "	DN15
8 - 14	28	¾ "	DN20
15 - 22	35	1 "	DN25
23 - 26	42	1¼ "	DN32

Note

- The listed dimensions are in mm.
- The velocity over the finned surface is up to approx. 2.3 m/s.

Fitting

- When you fit the post-cooler, take note of the arrows for air direction and water in/out.
- Make sure the bleed nipple is easily accessible.
- Position the post-cooler in a horizontal position in connection with the drip tray for the condensation water discharge.

Water quality

We recommend studying our document 'Solid Air recommendations for water fed systems and waterquality'.

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