

HERZ-Compact Distributor DN 25 (1)

Data Sheet for
8541
Edition 0803 (0803)

- Compact distributor pairs with 3 to 12 outlets
- Distributor holding device
- Bleed valve
- End cap

The system components are combined and pre-mounted by the manufacturer.

System Components

HERZ-compact distributors are a simple system for individual radiator connection. Composed of nickle-plated brass components suitable for combination. Connecting the components is simple and does not require any tools.

The joints between the individual components are sealed by means of O-rings. The connections to the end caps and transition sockets are also sealed by means of O-rings.

The O-ring is located in a groove and ensures a tight and lasting seal thanks to its elasticity.

The upper distributor part is equipped with a bleed valve.

The distributor sockets are closed with end caps.

Versions

O-Ring Seal

Bleed Valve

End Caps

The distributor inlet is equipped with an external thread G1 (DN 25) and an inner cone.

The cone provided is used for the connection of plastic pipes and HERZ compression unions.

Shut-off valves and control valves with threaded sockets are connected directly.

Connections Distributor inlet Main circuit line

The distributor outlets are equipped with G 3 / 4 (DN 20) external threads.

The pipes are connected to the distributor outlets by means of HERZ-compression unions for copper, thin-walled steel or plastic pipes.

Distributor outlet Pipe Connection

The distributors are mounted onto the wall by means of holding devices.

Installation

3-way distributors are installed by means of one set of holding devices. For the other versions, two sets of holding devices are required.

Distributor Holding Devices

HERZ-compact distributors are suitable for

Max. operating temperature: 110 °C

Max. operating pressure: 10 bar

Hot water quality in accordance with Austrian standard ÖNORM H 5195 and/or VDI-guideline 2035.

When using HERZ-compression unions for copper and steel pipes, observe the permissible temperatures and pressures as specified in EN 1254-2:1998 Table 5 are followed.

The plastic pipe connections are suitable for application classes 4 and 5 according to ISO 10508 (panel heating and radiator connection) as well as for pipes made of PE-RT (DIN 4721), PE-MDX DIN 4724), PB and PE-X (DIN 4726), as well as plastic-metal composite pipes (ÖNORM B 5157).

Maximum operating temperature of 95 °C at 10 bar. Ensure the operating pressures and temperatures conform to standards and the operational requirements of the pipe manufacturer are followed

Operating Data

Distributors

Compression Union

HERZ-compression unions provide a perfectly tight and secure connection to copper pipes and thin-walled steel and plastic pipes. Follow the respective instructions for installation.

HERZ-Compression Unions

We reserve the right to make
modifications necessitated by
technological progress.

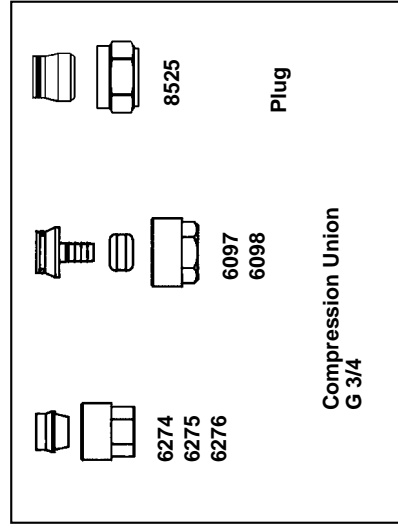
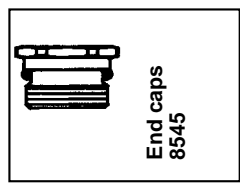
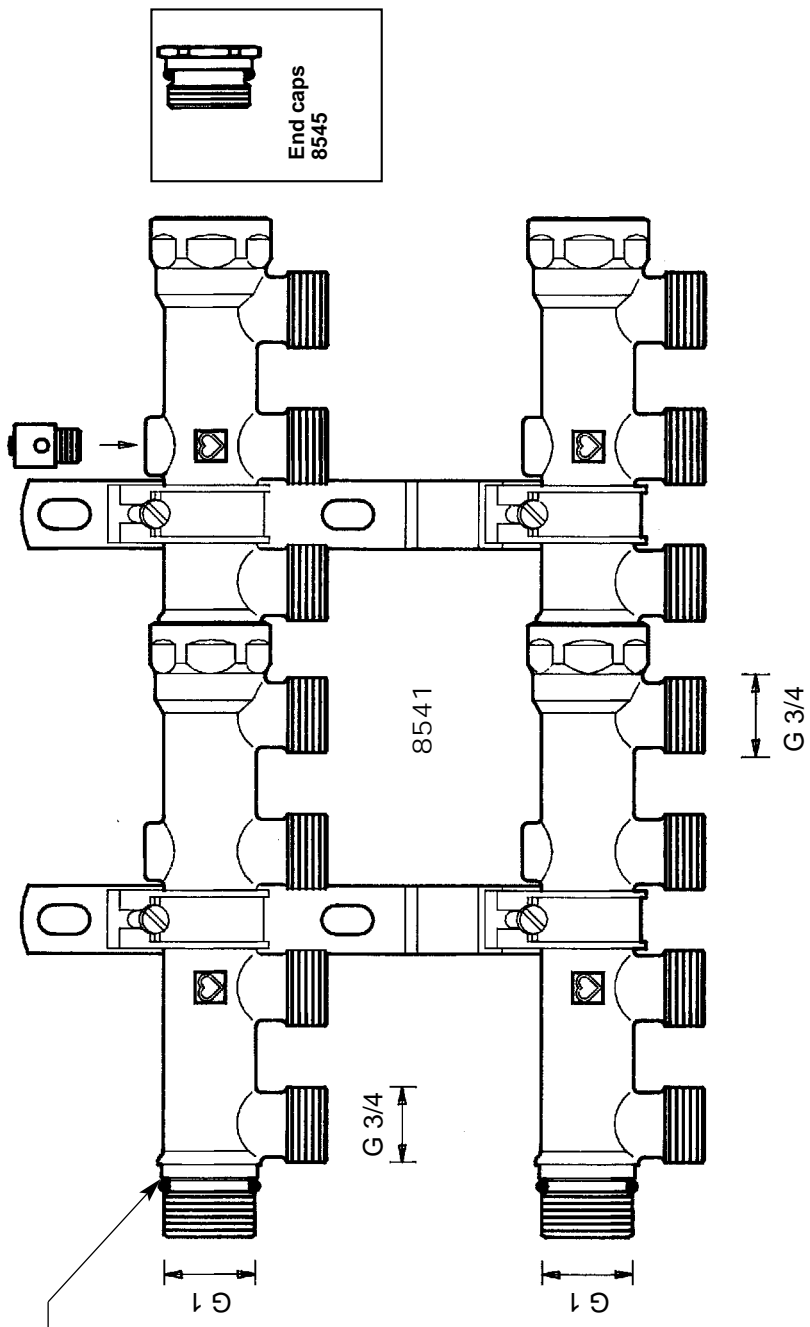
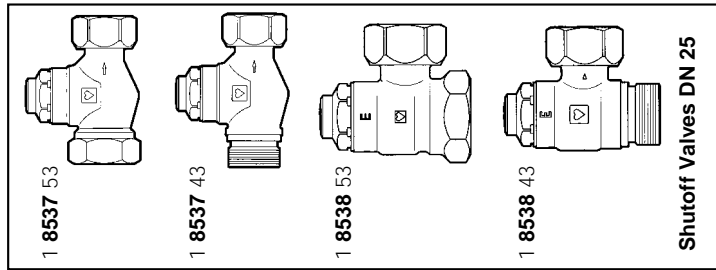
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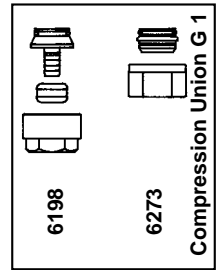


O-ring seal at the transition socket 8547



Total length (dimensions in mm) HERZ-Compact Distributor 8541, DN 25 (1)

Number of outlets	3	4	5	6	7	8	9	10	11	12
Total length	174	224	274	324	374	424	474	524	574	624



Each order number is for a distributor pair, holding devices, bleed valve, and end caps. These components are pre-installed by the manufacturer according to the number of outlets ordered. The distributor holding devices are enclosed.

Form of Delivery

Order Number HERZ-Compact	Distributor Pair (Number of Outlets per Unit)	Order Number
1 8541 03	3	
1 8541 04	4	
1 8541 05	5	
1 8541 06	6	
1 8541 07	7	
1 8541 08	8	
1 8541 09	9	
1 8541 10	10	
1 8541 11	11	
1 8541 12	12	

- 6273** HERZ-compression union G 1 (DN 25) for copper pipes and thin-walled steel pipes.
- 6198** HERZ-compression union G 1 (DN 25) for PE-X, PB, and plastic composite pipes

Accessories
to be ordered separately
Connection
Main line circuit

- 6274** HERZ-compression union G 3/4 (DN 20) for copper pipes and thin-walled steel pipes.
- 6275** HERZ-compression union G 3/4 (DN 20) with soft seal for copper and thin-walled steel pipes, particularly suitable for hard special steel pipes and pipes with hard galvanised surfaces.
- 6276** HERZ-compression union with soft seal, olive, flexible rubber joint (EPDM) locking nut G 3/4, particularly suitable for chrome metal and stainless steel pipes.
- 6097, 6098** HERZ-compression union G 3/4 (DN 20) for PE-X, PB, and plastic composite pipes
- 8525** Plug

Connection
Distributor outlet
Spare Parts

For dimensions and order numbers of HERZ-compression unions refer to the HERZ-catalogue.

- 1 **8537** 53 **Shutoff valves, straight model**, brass version for compact distributor, **pipe connection with sleeve**, distributor connection, freely moving nut
- 1 **8537** 43 **Shutoff valves, straight model**, brass version for compact distributor, **pipe connection for compression union G 1 (DN 25)**, distributor connection, freely moving nut
- 1 **8538** 53 **Shutoff valves, angle model**, brass version for compact distributor, **pipe connection with sleeve**, distributor connection, freely moving nut
- 1 **8538** 43 **Shutoff valves, angle model**, brass version for compact distributor, **pipe connection for compression union G 1 (DN 25)**, distributor connection, freely moving nut

Shutoff Valves

- 1 **8545** 03 pair of end caps with O-ring-seal

Spare Parts

Where the radiator is not equipped with a valve, advance and return valves in straight models can be mounted at the distributor outlet located in front of the piping.

These valves are provided with key surfaces in order to fix the device during mounting.

The connection into the distributor is via a female thread G 3/4 (DN 20) and into the pipe via an external thread G 3/4 (DN 20).

HERZ-compression unions **6274, 6275, 6276, 6097, 6098** are used, like those available in distribution outlets.

HERZ-TS-90-thermostatic valve adjustment is made by means of a HERZ thermometer or actuating drive, together with HERZ-room thermostats.

HERZ-return valve, with shutoff and adjustment function.

Available on request.

Advance and return valves