

# HERZ-Compact Distributor DN 20 (3/4)

Data Sheet for  
8441  
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 nickel-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 a G 3/4 external thread.

Threaded pipes are connected by means of transition sockets (1 8447 02).

Copper pipes or thin-walled steel or plastic pipes can be connected directly with a HERZ compression union.

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

## Connections Distributor inlet Main circuit line

The distributor outlets are equipped with M 22 x 1.5 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, ensure 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 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

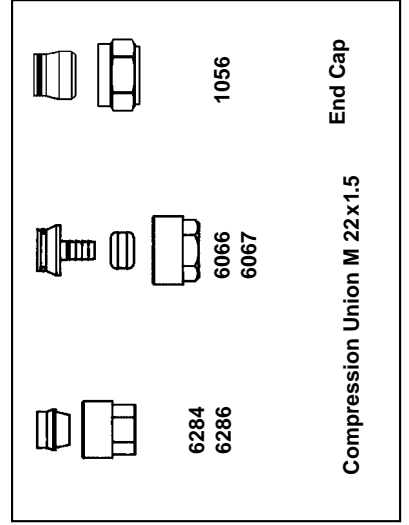
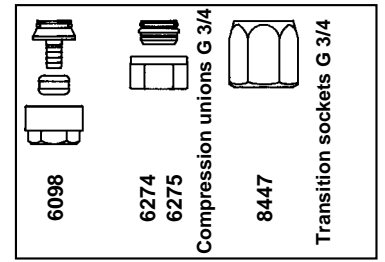
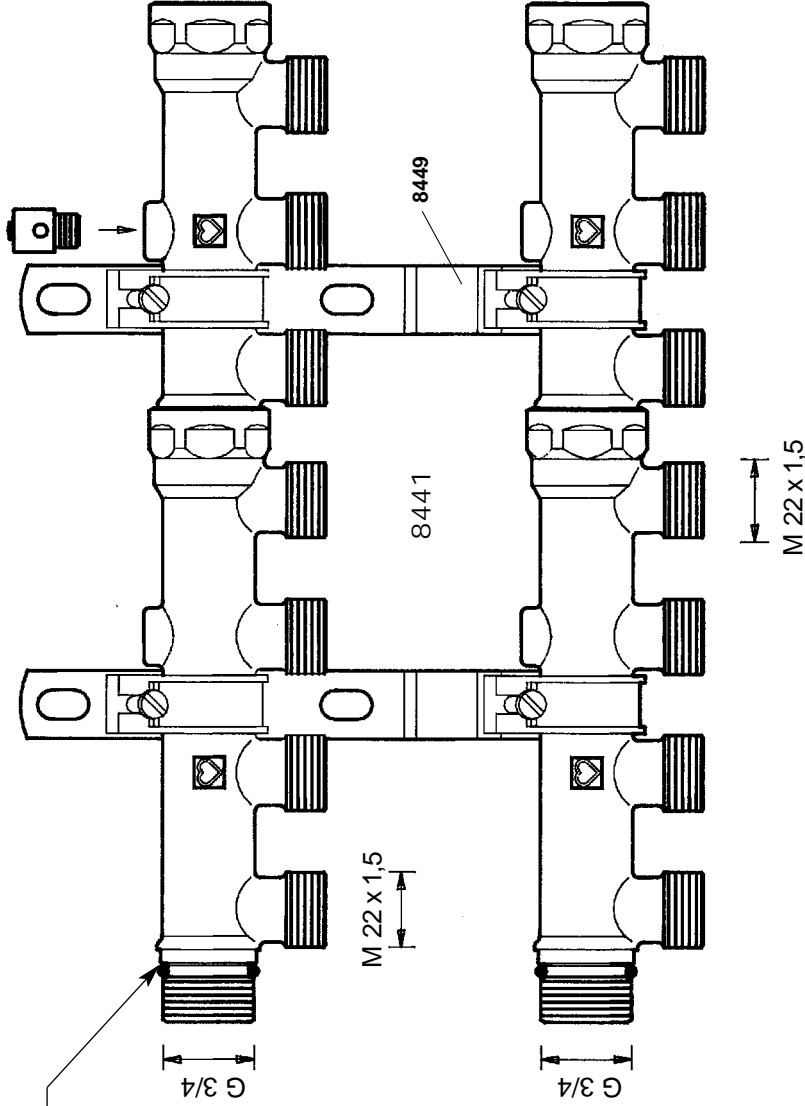
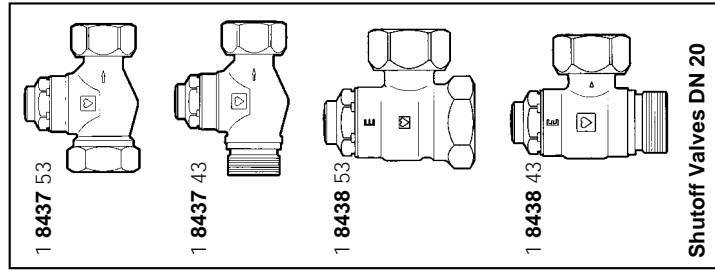
We reserve the right to make modifications necessitated by technological progress.

HERZ Armaturen

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O-ring seal at the transition socket 8447



**Total length (dimensions in mm) HERZ-Compact Distributor 8441, DN 20 (3/4)**

Number of outlets	3	4	5	6	7	8	9	10	11	12
Total length	140	180	220	260	300	340	380	420	460	500

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 8441 03	3	
1 8441 04	4	
1 8441 05	5	
1 8441 06	6	
1 8441 07	7	
1 8441 08	8	
1 8441 09	9	
1 8441 10	10	
1 8441 11	11	
1 8441 12	12	

- 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
- 1 8447 02 1 pair of transition sockets for the connection of threaded pipes.

**Accessories**  
to be ordered separately

**Connection**  
**Main line circuit**

- 1 8448 02 Double nipples for connecting HERZ-compression unions

**Connection**  
**Distributor outlet**

- 6284, 6286** HERZ-compression union M 22 x 1,5 for copper pipes and thin-walled steel pipes.
- 6066, 6067** HERZ-plastic pipe connection M 22 x 1,5 for PE-X, PB, and plastic composite pipes
- 1 1056 66 Plug

**Connection**  
**Distributor outlet**

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

- 1 8437 53 **Shutoff valves, straight model**, brass version for compact distributor, **pipe connection with sleeve**, distributor connection, freely moving nut
- 1 8437 43 **Shutoff valves, straight model**, brass version for compact distributor, **pipe connection for compression union G 3/4 (DN 20)**, distributor connection, freely moving nut
- 1 8438 53 **Shutoff valves, angle model**, brass version for compact distributor, **pipe connection with sleeve**, distributor connection, freely moving nut
- 1 8438 43 **Shutoff valves, angle model**, brass version for compact distributor, **pipe connection for compression union G 3/4 (DN 20)**, distributor connection, freely moving nut

**Shutoff Valves**

- 1 8445 02 1 pair of end caps with O-ring-seal
- 1 8449 00 1 pair of holding devices

**Spare Parts**