



Order number	DN	PN	G	L	H	H1	Sw
1 4111 14	32	25	1 1/4	110	70	39	32
1 4111 15	40	25	1 1/2	120	79	40	32
1 4111 16	50	25	2	150	103	45	32
1 4111 17	65	16	2 1/2	180	118	53	32
1 4111 18	80	16	3	220	137	61	32

### Material

Body DZR copper alloy, CC752S  
 Mesh expanded metal, rhombic mesh, Stainless steel 1.4301  
 Mesh size 0.75mm  
 Sealing EPDM according KTW, WRAS and DVGW W270  
 Drain valve- see data sheet **2512 / 4119**.

### Technical data

max. operating pressure depending on design, see table above  
 max. operating temperature 110°C  
 The use of ethylene or propylene glycol in a mixing ratio 25- 50% is allowed.

### Application

Strainers are installed in pipes to protect the finely machined valve seats from particles. Field of application are building services, such as in heating or chilled water units for air conditioning in buildings. EPDM Sealings can be destroyed by organic hydro carbons, which are occurring in natural gas, mineral oil or lubricants.

### Installation and maintenance

A horizontal or vertical installation is possible, taking into account the flow direction. The screening mesh chamber should face down. HERZ recommends using standard thread sealants for the connection between strainer and pipe. The strainer can be removed and cleaned by opening the locking screw. Drain the system before opening the locking screw. Reassemble in reverse order. Damage to the sealing have to be avoided. For service it is recommended to install isolators before and after the strainer.

### Kvs- Value

Dimension	DN 32	DN 40	DN 50	DN 65	DN 80
Kvs	21.5	30	42	64.3	148.3

### Spare parts

1 <b>6386</b> 14	DN32 Mesh	0,75mm
1 <b>6386</b> 15	DN40 Mesh	0,75mm
1 <b>6386</b> 16	DN50 Mesh	0,75mm
1 <b>6386</b> 17	DN65 Mesh	0,75mm
1 <b>6386</b> 18	DN85 Mesh	0,75mm