

EWE conical diaphragm non-return valves



Application:

Cold water, operating pressure 10 bar, other applications are available on request.

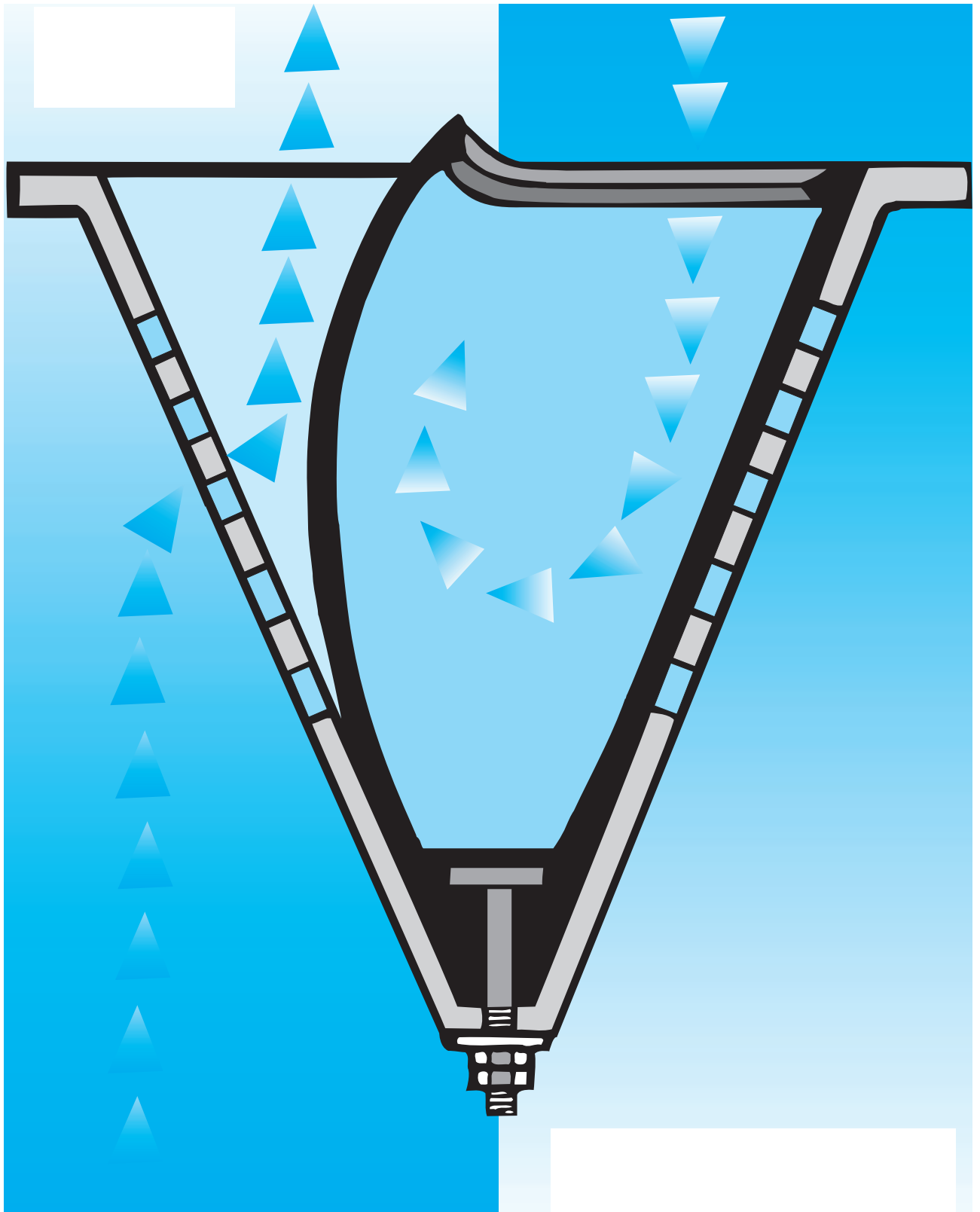
Material:

Cone support: made of 1.4401 stainless steel

Conical diaphragm: made of EP (Ethylene Propylene)

Housing: depending on model either brass, cast iron or steel

Functional diagram:





EWE conical diaphragm non-return valves with threaded connection

EWE conical diaphragm non-return valve

Brass housing, screwed connection with external thread at both ends, with test screw, stainless steel cone support, diaphragm suitable for water PN 10, no draining.



Overall length	Thread	Order
mm	R	number
180	3/4"	3441311
205	1"	3441312
200	1 1/4"	3441313
210	1 1/2"	3441314
260	2"	3441315

All EWE conical diaphragm non-return valves in the series 3441... have the DIN-DVGW test number NW-6310AT2619 in conjunction with the length-compensating union piece on EWE water meter systems.

EWE conical diaphragm non-return valve

as above, but with drainage in the screwed connection.



Overall length	Thread	Order
mm	R	number
180	3/4"	3441411
205	1"	3441412
200	1 1/4"	3441413
210	1 1/2"	3441414
260	2"	3441415

EWE conical diaphragm non-return valve

as above, but inlet with external thread, outlet with internal thread.



Overall length	Inlet	Outlet	Order
mm	G	G	number
85	1"	1"	3441512
85	1 1/4"	1 1/4"	3441513
110	2"	2"	3441515

All EWE conical diaphragm non-return valves in the series 3441... have the DIN-DVGW test number NW-6310AT2619 in conjunction with the length-compensating union piece on EWE water meter systems.

EWE conical diaphragm non-return valves with threaded connection



EWE conical diaphragm water meter screwed connection

Brass housing, without test screw, possible to test by undoing the union nut, no draining. Stainless steel cone support, diaphragm suitable for water PN 10.

For water meter Qn	Overall length mm	External thread G	Union nut G	Order number
2,5	60	3/4"	1"	3440610
2,5	60	1"	1"	3440613
6	65	1"	1 1/4"	3440713
10	70	1 1/2"	2"	3440814



EWE conical diaphragm non-return valve

Hot-pressed brass housing with internal thread at both ends, with test screw, overall length as per DIN 3502, no draining.

Stainless steel cone support, diaphragm suitable for water PN 10.

Overall length mm	Thread G	Order number
85	1/2"	3441010
85	3/4"	3441011
85	1"	3441012
85	1 1/4"	3441013
105	1 1/2"	3441014
120	2"	3441015

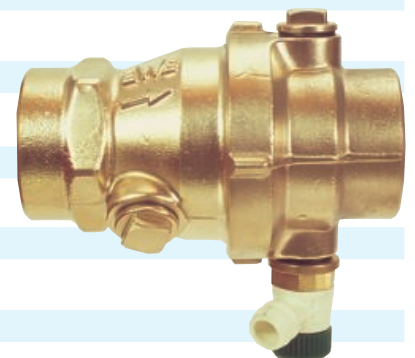


EWE conical diaphragm non-return valve

Hot-pressed brass housing, with internal thread at both ends, with test screw, with draining.

Stainless steel cone support, diaphragm suitable for water PN 10.

Overall length mm	Thread G		Order number
	Inlet	Outlet	
100	3/4"	3/4"	3441111
100	1"	1"	3441112
105	1 1/4"	1 1/4"	3441113
120	1 1/2"	1 1/2"	3441114
150	2"	2"	3441115
100	3/4"	1"	3441123
105	3/4"	1 1/4"	3441127
105	1"	1 1/4"	3441128
105	1"	1 1/2"	3441132
105	1 1/4"	1 1/2"	3441133





EWE conical diaphragm non-return valves with flange connection

EWE conical diaphragm flange non-return valve

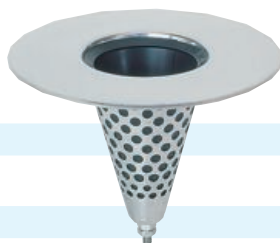
Cast iron housing, electrostatic coating, stainless steel cone support, diaphragm for water PN 10, with test plug 1/2".



Nominal width DN	Overall length mm	Order number
50	200	6443015
65	240	6443016
80	260	6443017
100	300	6443018
125	350	6443019
150	400	6443020
200	500	6443021

EWE conical diaphragm adapter flange non-return valve

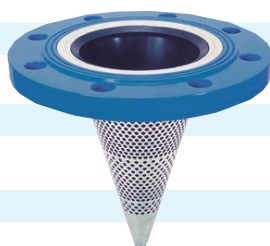
Stainless steel cone support, with wide collar for direct interposition in pipelines, diaphragm for water PN 10.



Nominal width DN	Overall length mm	Installation length mm	Order number
40	58	2	6445114
50	81	2	6445115
65	98	2	6445116
80	126	4	6445117

EWE conical diaphragm single-flange non-return valve

Cast iron housing, electrostatic coating, for interposition in pipelines, stainless steel cone support, diaphragm for water PN 10.



Nominal width DN	Overall length mm	Installation length mm	Order number
50	81	26	6445015
65	98	26	6445016
80	126	28	6445017
100	173	28	6445018
125	223	30	6445019
150	270	30	6445020
200	358	34	6445021