

Non return valves and backflow preventers

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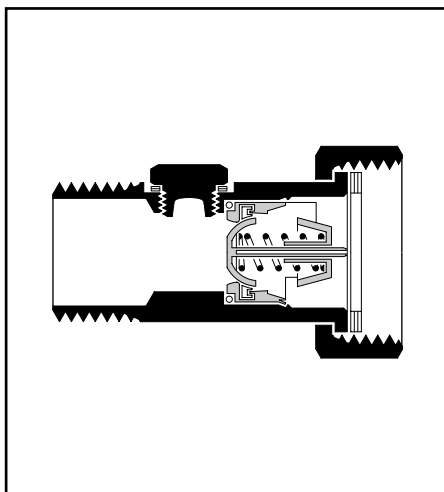
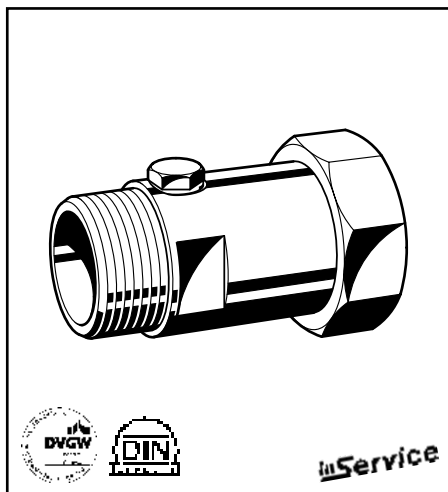
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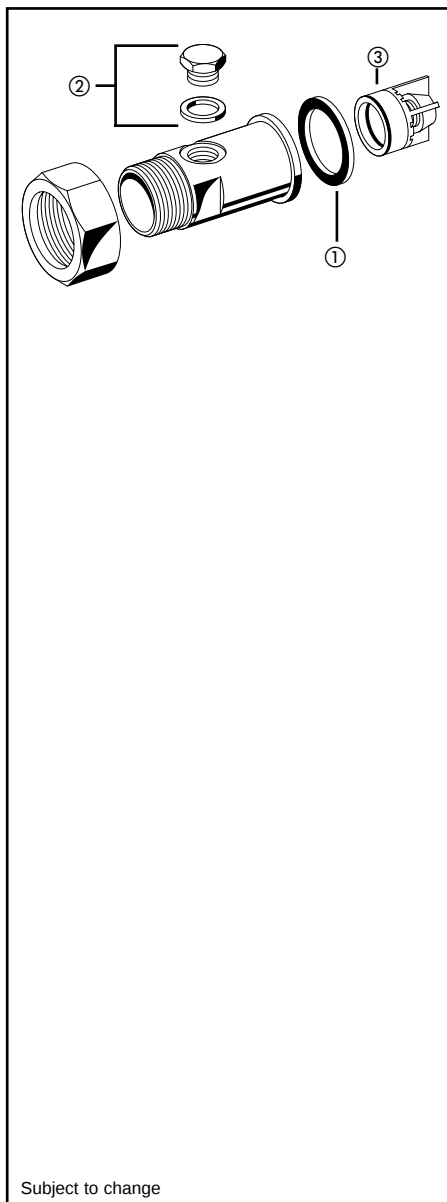
RV 277 non return valves

1994 and onwards



RV 277 non return valves - Service parts

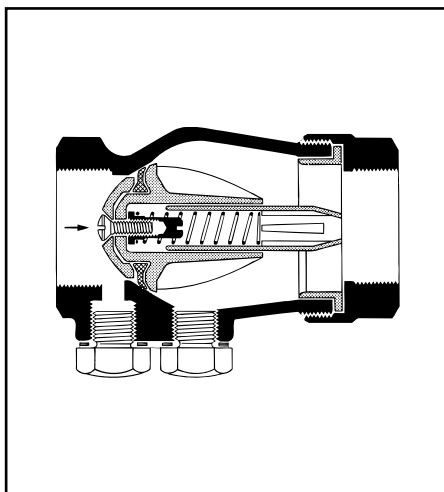
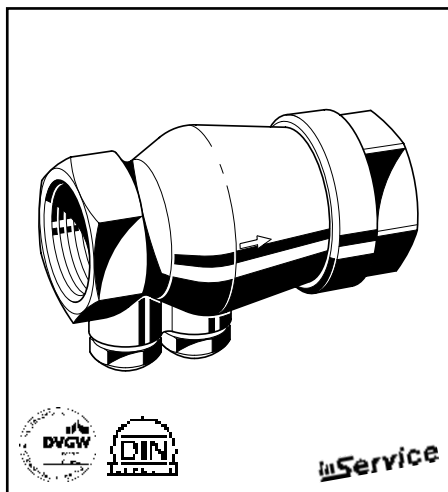
1994 and onwards



Description	Nominal size	Part number
① Seal ring set (pack of 10)	$\frac{1}{2}" + \frac{3}{4}"$	0901444
	1"	0901445
	$1\frac{1}{4}"$	0901446
	$1\frac{1}{2}"$	0901447
	2"	0901448
② Blanking plug with seal ring (pack of 5)	$\frac{1}{2}" - 2"$	S 06 M - $\frac{1}{4}"$
③ Insert non-return check valve	$\frac{1}{2}"$	2166200
	$\frac{3}{4}"$	2110200
	1"	2164400
	$1\frac{1}{4}"$	2164500
	$1\frac{1}{2}"$	2164600
	2"	2164700

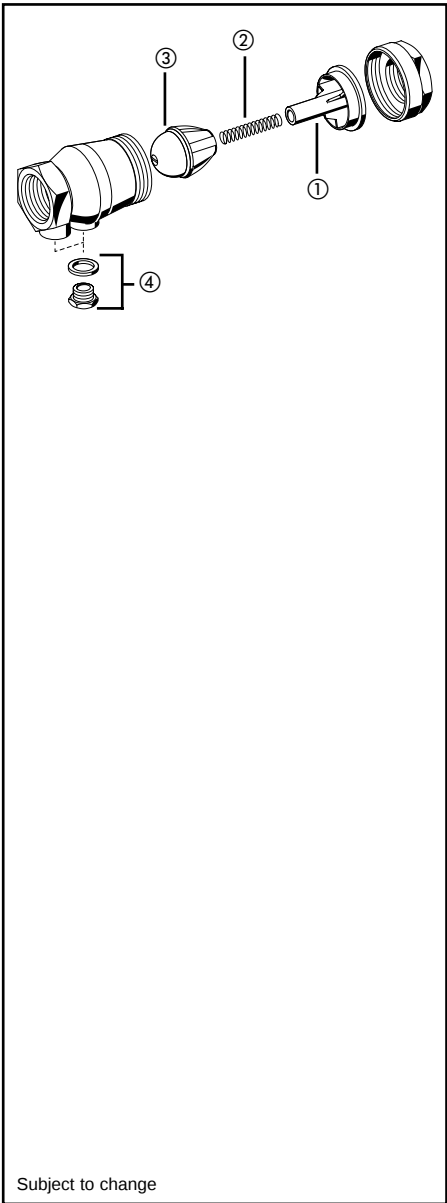
RV 280 non return valves

1966 and onwards



RV 280 non return valves - Service parts

1966 and onwards

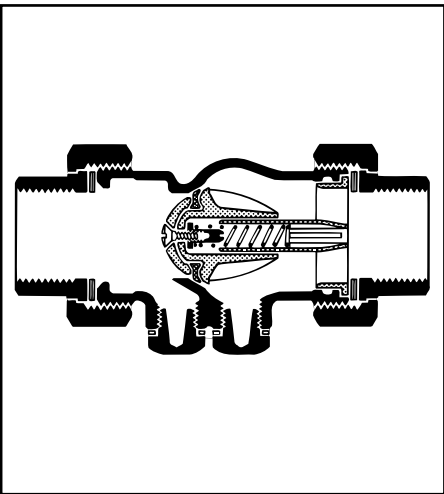
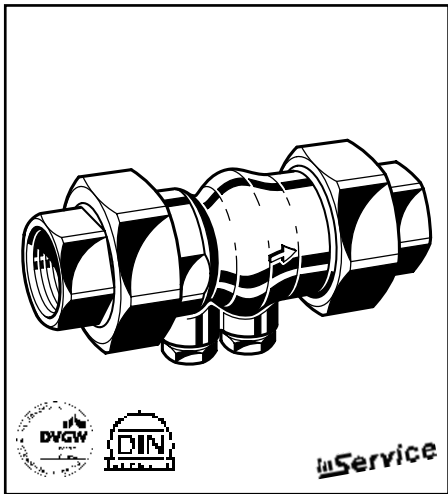


Subject to change

Description	Nominal size	Part number
① Disc guide	1/2"	5534900
	3/4"	5535100
	1"	5531500
	1 1/4"	5535300
	1 1/2"	5535500
	2"	5535700
② Pressure spring	1/2"	2061400
	3/4"	2061500
	1"	2061600
	1 1/4"	2061700
	1 1/2"	2062000
	2"	2062400
③ Seal disc complete	1/2"	0900356
	3/4"	0900357
	1"	0900358
	1 1/4"	0900359
	1 1/2"	0900360
	2"	0900361
④ Blanking plug set with O-ring (pack of 5)	1/2" – 2"	S 06 M - 1/4

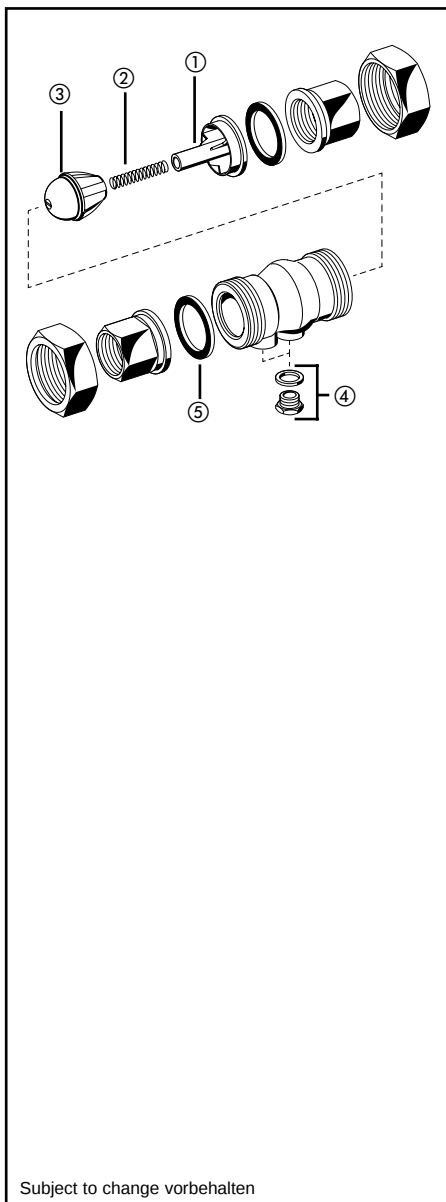
RV 281 non return valves

1984 and onwards



RV 281 non return valves - Service parts

1984 and onwards

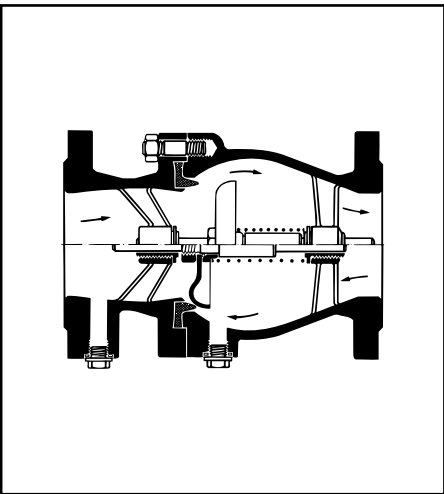
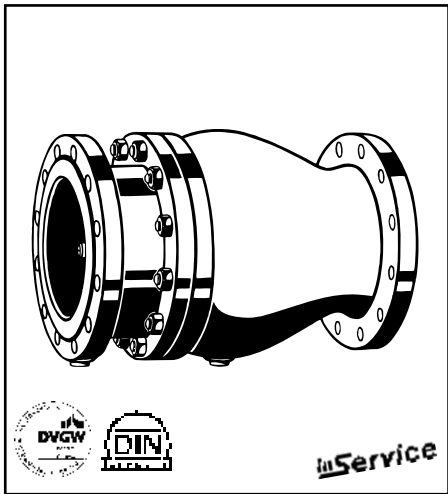


Description	Nominal size	Part number
① Disc guide	1/2"	5534900
	3/4"	5535100
	1"	5531500
	1 1/4"	5535300
	1 1/2"	5535500
	2"	5535700
② Pressure spring	1/2"	2061400
	3/4"	2061500
	1"	2061600
	1 1/4"	2061700
	1 1/2"	2062000
	2"	2062400
③ Seal disc complete	1/2"	0900356
	3/4"	0900357
	1"	0900358
	1 1/4"	0900359
	1 1/2"	0900360
	2"	0900361
④ Blanking plug set with O-ring (pack of 5)	1/2" – 2"	S 06 M - 1/4
⑤ Seal ring	1/2"	5351200
	3/4"	5351300
	1"	5018100
	1 1/4"	5957600
	1 1/2"	5163000
	2"	5163100

Subject to change vorbehalten

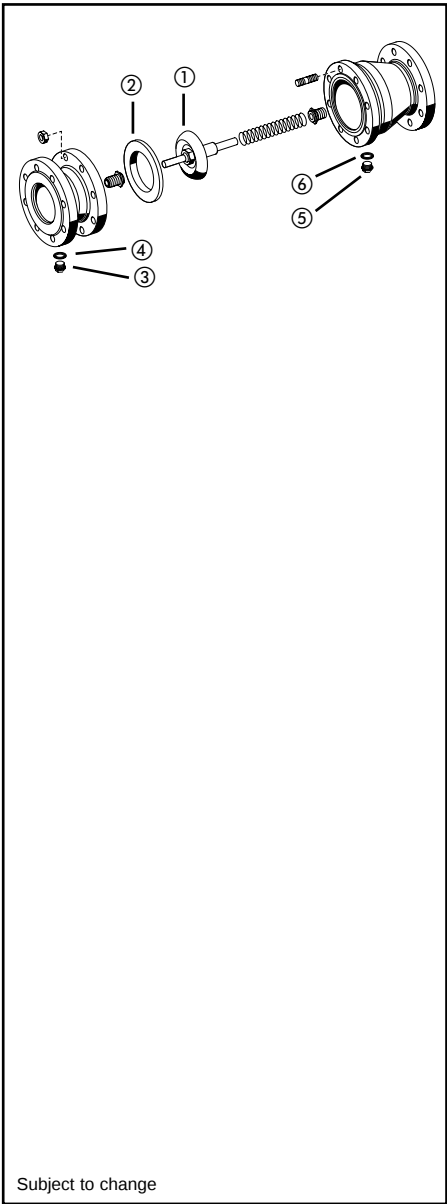
RV 283 non return valves

1966 and onwards



RV 283 non return valves - Service parts

1966 and onwards



Description	Nominal size	Part number
① Seal disc	DN 40	5605800
	DN 50	5605900
	DN 65	0900376
	DN 80	0900377
	DN 100	0900378
	DN 125	0900379
	DN 150	0900380
	DN 200	0900381
	DN 250	0900382
	DN 300	0900383
② Lip seal ring (NBR)	DN 40	2238700
	DN 50	2238800
	DN 65	5350000
	DN 80	5350300
	DN 100	5350400
	DN 125	2070300
	DN 150	2067300
	DN 200	2238900
	DN 250	2239000
③ Hexagonal blanking plug	DN 40 – 50	5726800
	DN 65 – 100	2248700
	DN 125 – 300	2591000
④ Seal ring	DN 40 – 50	2166600
	DN 65 – 100	5350500
	DN 125 – 300	2698000
⑤ Hexagonal blanking plug	DN 40 – 50	2248600
	DN 65 – 100	2248700
	DN 125 – 300	2591000
⑥ Seal ring	DN 40 – 50	2221200
	DN 65 – 100	5350500
	DN 125 – 300	2698000

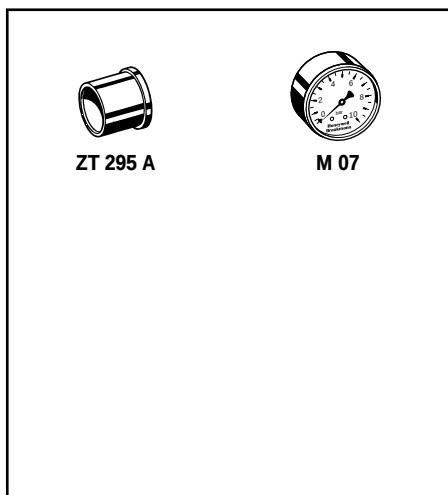
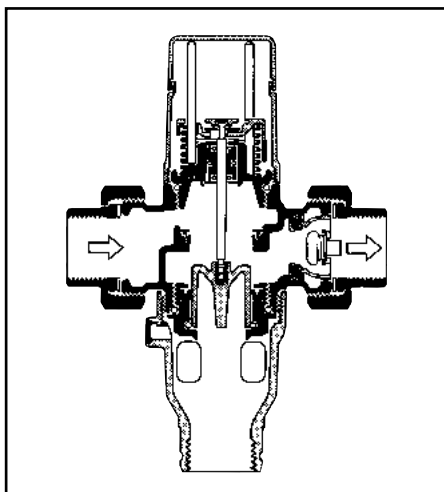
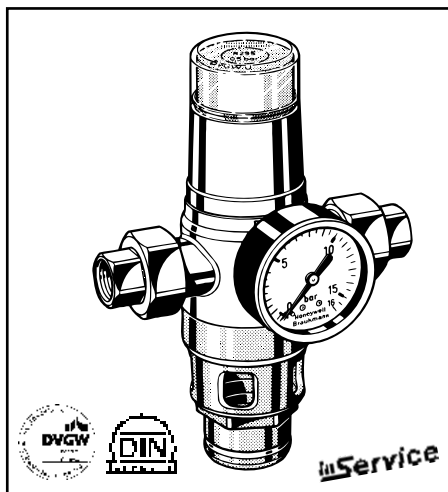
Non return valves - What to do if...

Pressure

Problem	Cause	Solution
No, or too little flow	– Shutoff valves before and/or after non-return check valve not fully open	– Fully open shutoff valves
	– Valve disc sticking in guide	– Replace valve disc
	– Does not close properly around inlet	– Exchange valve disc and lip seal
	– Seal surfaces dirty or worn	– Clean sealing components and replace if necessary
Hammering noises	– Air in pipework	– Check system
	– Valve closing very fast	– If possible throttle closing speed or replace if necessary
	– Loose and therefore vibrating valve discs in shutoff devices	– Check shutoff devices and if necessary carry out maintenance service on them
	– Air pockets in redundant or little used sections of pipework	– Vent
	– Fast closing flushing valves or other valves etc.	– Check flushing valve and replace if necessary
	– Solenoid valves on dishwashing machines or washing machines	– Fit shock arrestor (e.g. Flamco) on the inlet to the appliances
	– Non-return check valve is oversized	– Consult Honeywell customer support department
	– Anti-vacuum valves or vents faulty	– Carry out maintenance service on devices

R 295 DIN type 1 backflow preventers

1985 and onwards



Accessories

ZT 295 A Soldered union connectors (2 pcs.)

ZT 295 W - $\frac{1}{2}$ " (for 15mm Ø pipe)

ZT 295 A - $\frac{3}{4}$ " (for 22mm Ø pipe)

ZT 295 A - 1" (for 28mm Ø pipe)

ZT 295 A - $1\frac{1}{4}$ " (for 35mm Ø pipe)

ZT 295 A - $1\frac{1}{2}$ " (for 42mm Ø pipe)

ZT 295 A - 2" (for 54mm Ø pipe)

M 07 Pressure gauge

Housing Ø 63 mm,
rear connection G $\frac{1}{4}$ "

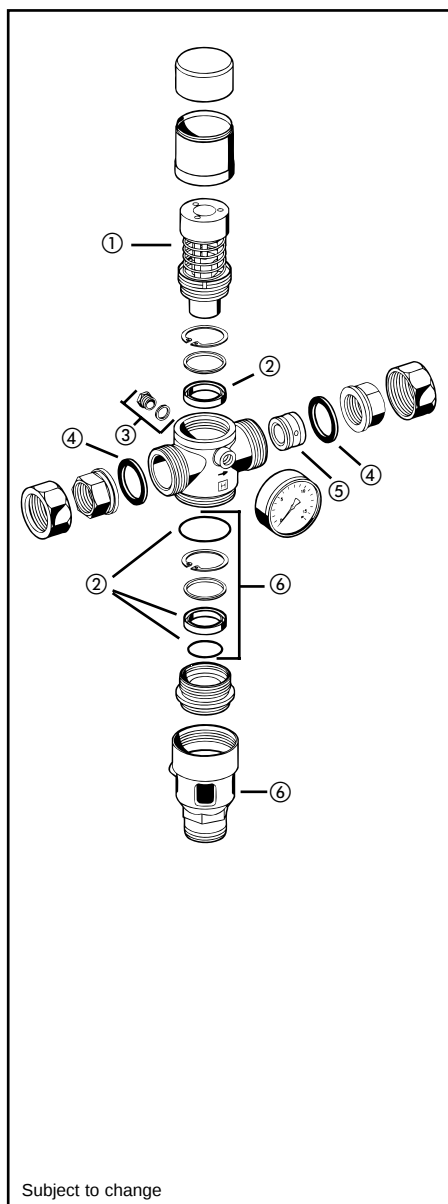
Ranges:

0 – 4, 0 – 10, 0 – 16, 0 – 25 bar.

Please state pressure range when
ordering

R 295 DIN type 1 backflow preventers - Service parts

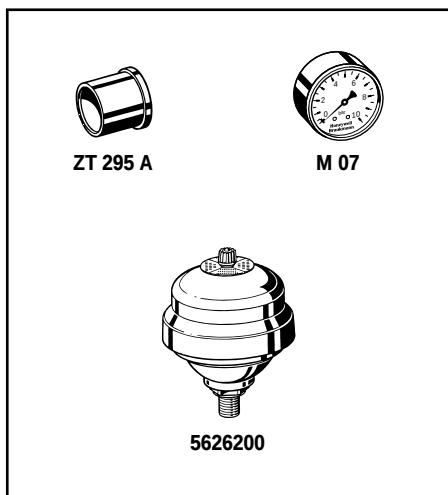
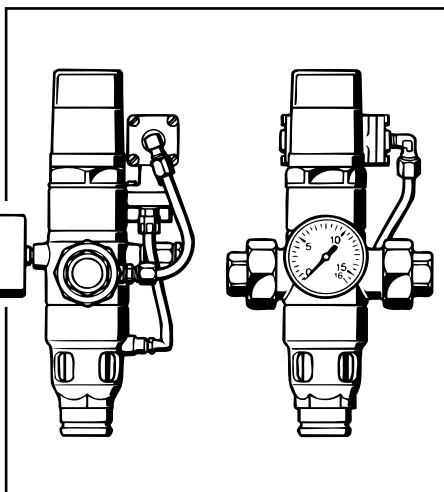
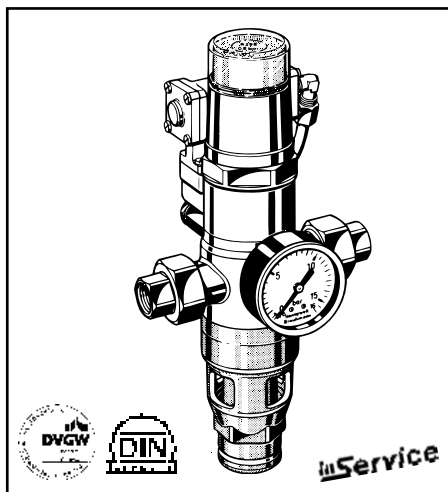
1985 and onwards



Description	Nominal size _ Part number	
① Valve insert complete	0.5 bar	$\frac{1}{2}$ " – 1"
		$1\frac{1}{4}$ " – 2"
	1.0 bar	$\frac{1}{2}$ " – 1"
		$1\frac{1}{4}$ " – 2"
	1.5 bar	$\frac{1}{2}$ " – 1"
		$1\frac{1}{4}$ " – 2"
2.0 bar	$\frac{1}{2}$ " – 1"	R 295 A - $\frac{3}{4}$ A
	$1\frac{1}{4}$ " – 2"	R 295 A - $1\frac{1}{4}$ A
② Seal set	$\frac{1}{2}$ " – 1"	R 295 A - $\frac{3}{4}$ B
	$1\frac{1}{4}$ " – 2"	R 295 A - $1\frac{1}{4}$ B
③ Hexagonal blanking plug with seal ring (pack of 5)	$\frac{1}{2}$ " – 1"	R 295 A - $\frac{3}{4}$ C
	$1\frac{1}{4}$ " – 2"	R 295 A - $1\frac{1}{4}$ C
④ Seal ring	$\frac{1}{2}$ "	R 295 A - $\frac{3}{4}$ D
	$\frac{3}{4}$ "	R 295 A - $1\frac{1}{4}$ D
	1"	0901055
	$1\frac{1}{4}$ "	0901056
	$1\frac{1}{2}$ "	S 06 M - $\frac{1}{4}$
	2"	
⑤ Non return check valve	$\frac{1}{2}$ "	5351200
	$\frac{3}{4}$ "	5351300
	1"	5166300
	$1\frac{1}{4}$ "	5162900
	$1\frac{1}{2}$ "	5163000
	2"	5163100
⑥ Discharge connector complete	$\frac{1}{2}$ " – 1"	RV 282 E - $\frac{3}{4}$ A
	$1\frac{1}{4}$ " – 2"	RV 282 E - 1 A
		RV 282 E - 1 A
		RV 276 - $1\frac{1}{4}$
		RV 276 - $1\frac{1}{2}$

R 295 H DIN type 2 backflow preventers

1989 and onwards



Accessories

ZT 295 A Soldered union connectors (2 pcs.)

- ZT 295 W - $\frac{1}{2}$ " (for 15mm Ø pipe)
- ZT 295 A - $\frac{3}{4}$ " (for 22mm Ø pipe)
- ZT 295 A - 1" (for 28mm Ø pipe)
- ZT 295 A - $1\frac{1}{4}$ " (for 35mm Ø pipe)
- ZT 295 A - $1\frac{1}{2}$ " (for 42mm Ø pipe)
- ZT 295 A - 2" (for 54mm Ø pipe)

M 07

Pressure gauge

Housing Ø 63 mm,

rear connection G $\frac{1}{4}$ "

Ranges:

0 – 4, 0 – 10, 0 – 16, 0 – 25 bar.

Please state pressure range when ordering

5626200

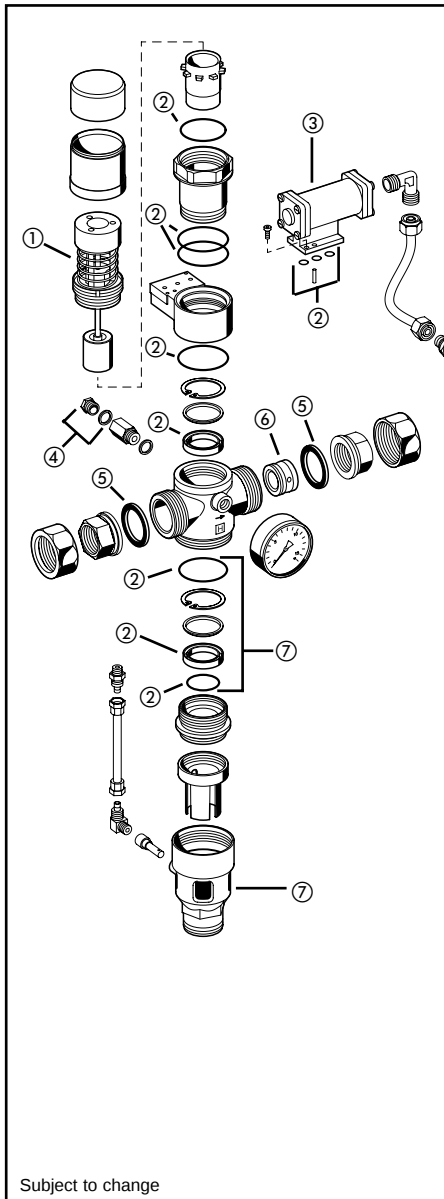
Shock arrester

Bottom connection, G $\frac{1}{4}$ "

Outside Ø 85 mm

R 295 H DIN type 2 backflow preventers - Service parts

1989 and onwards

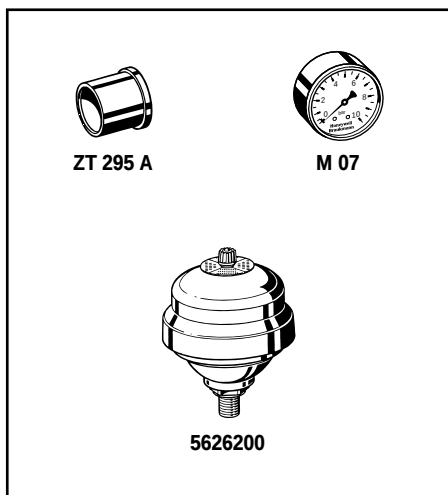
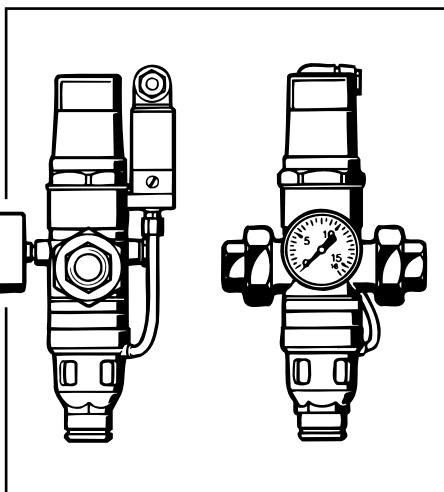
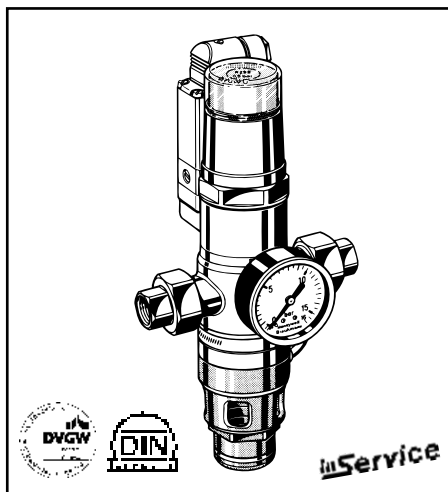


Subject to change

Description	Nominal size	Part number
① Valve insert complete	1/2" – 1"	R 295 HA - 1 A
	1 1/4" – 2"	R 295 HA - 2 A
② Seal set	1/2" – 1"	0901015
	1 1/4" – 2"	0901016
③ Operating valve	1/2" – 2"	2184100
④ Hexagonal blanking plug with seal ring (pack of 5)	1/2" – 2"	S 06 M - 1/4
⑤ Seal ring	1/2"	5351200
	3/4"	5351300
	1"	5166300
	1 1/4"	5162900
	1 1/2"	5163000
	2"	5163100
⑥ Operating pressure sensor	1/2"	R 295 HR - 1/2 A
	3/4"	R 295 HR - 3/4 A
	1"	R 295 HR - 3/4 A
	1 1/4"	R 295 HR - 1 1/4 A
	1 1/2"	R 295 HR - 1 1/2 A
⑦ Discharge connector complete	1/2" – 1"	0901340
	1 1/4" – 2"	0901341

R 295 SA DIN type 2 backflow preventers

1989 and onwards



Accessories

ZT 295 A Soldered union connectors (2 pcs.)

- ZT 295 W - $\frac{1}{2}$ " (for 15mm Ø pipe)
- ZT 295 A - $\frac{3}{4}$ " (for 22mm Ø pipe)
- ZT 295 A - 1" (for 28mm Ø pipe)
- ZT 295 A - $1\frac{1}{4}$ " (for 35mm Ø pipe)
- ZT 295 A - $1\frac{1}{2}$ " (for 42mm Ø pipe)
- ZT 295 A - 2" (for 54mm Ø pipe)

M 07 Pressure gauge

Housing Ø 63 mm,
rear connection G $\frac{1}{4}$ "

Ranges:

0 – 4, 0 – 10, 0 – 16, 0 – 25 bar.

Please state pressure range when
ordering

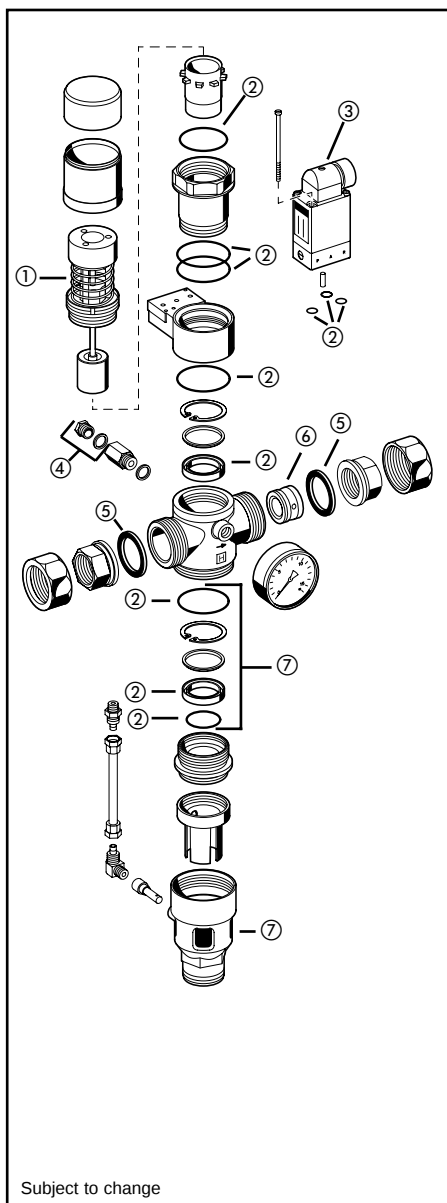
5626200 Shock arrester

Bottom connection, G $\frac{1}{4}$ "

Outside Ø 85 mm

R 295 SA DIN type 2 backflow preventers - Service parts

1989 and onwards

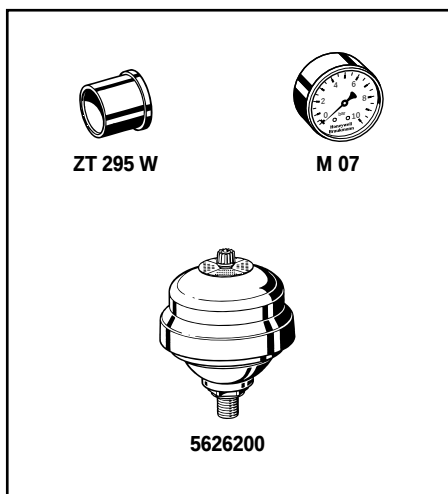
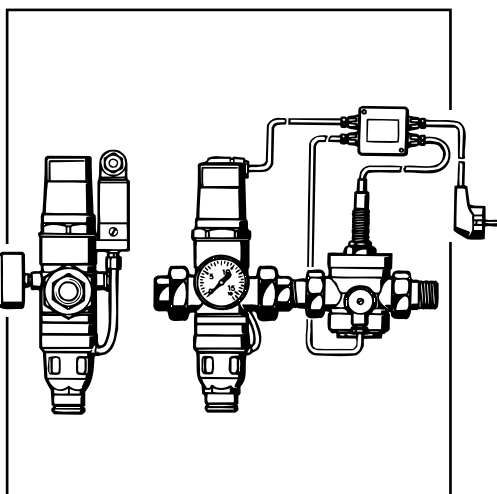
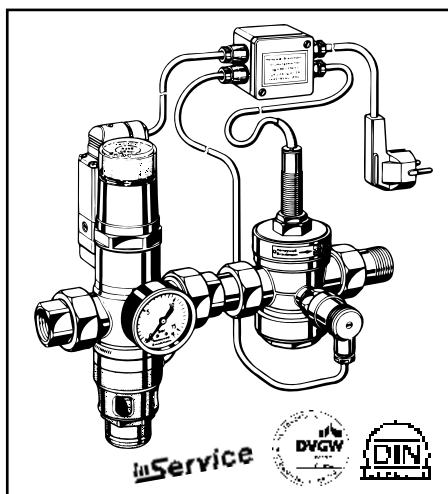


Subject to change

Description	Nominal size	Part number
① Valve insert complete	0.5 bar	
	1/2" – 1"	R 295 SAA - 1 A
	1 1/4" – 2"	R 295 SAA - 2 A
	1.0 bar	
	1/2" – 1"	R 295 SAA - 1 B
	1 1/4" – 2"	R 295 SAA - 2 B
1.5 bar	1/2" – 1"	R 295 SAA - 1 C
	1 1/4" – 2"	R 295 SAA - 2 C
2.0 bar	1/2" – 1"	R 295 SAA - 1 D
	1 1/4" – 2"	R 295 SAA - 2 D
② Seal set	1/2" – 1"	0901015
	1 1/4" – 2"	0901016
③ Changeover valve	1/2" – 2"	0901407
④ Hexagonal blanking plug with seal ring (pack of 5)	1/2" – 2"	S 06 M - 1/4
⑤ Seal ring	1/2"	5351200
	3/4"	5351300
	1"	5166300
	1 1/4"	5162900
	1 1/2"	5163000
	2"	5163100
⑥ Non return check valve	1/2"	RV 282 E - 3/4 A
	3/4"	RV 282 E - 1 A
	1"	RV 282 E - 1 A
	1 1/4"	RV 276 - 1 1/4
	1 1/2"	RV 276 - 1 1/2
	2"	RV 276 - 2
⑦ Discharge connector complete	1/2" – 1"	0901340
	1 1/4" – 2"	0901341

R 295 WA DIN type 2 backflow preventers

1989 and onwards



Accessories

ZT 295 W Soldered union connectors (2 pcs.)

- ZT 295 W - 1/2" (for 15mm Ø pipe)
- ZT 295 W - 3/4" (for 22mm Ø pipe)
- ZT 295 W - 1" (for 28mm Ø pipe)
- ZT 295 W - 1 1/4" (for 35mm Ø pipe)
- ZT 295 W - 1 1/2" (for 42mm Ø pipe)
- ZT 295 W - 2" (for 54mm Ø pipe)

M 07 Pressure gauge

Housing Ø 63 mm,
rear connection G 1/4"

Ranges:

0 – 4, 0 – 10, 0 – 16, 0 – 25 bar.

Please state pressure range when ordering

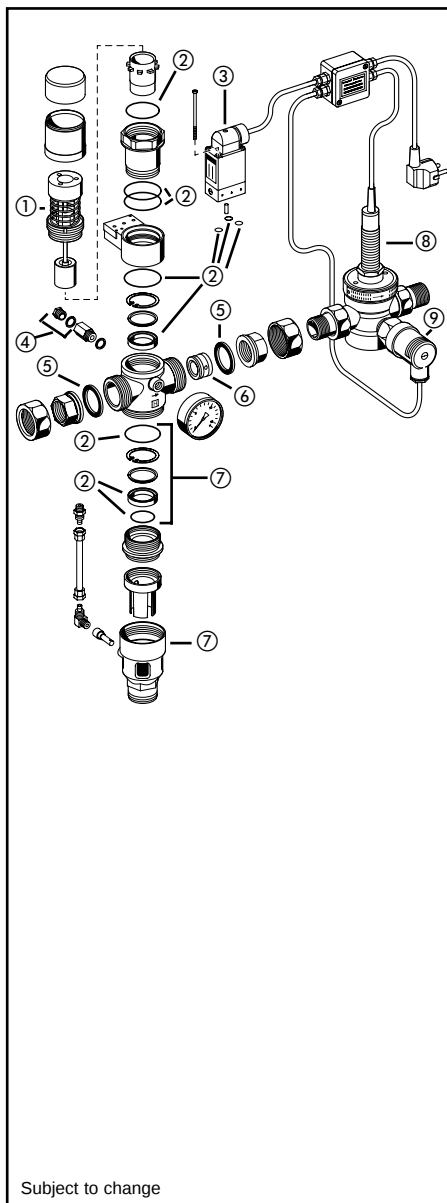
5626200 Shock arrester

Bottom connection, G 1/4"

Outside Ø 85 mm

R 295 WA DIN type 2 backflow preventers - Service parts

1989 and onwards

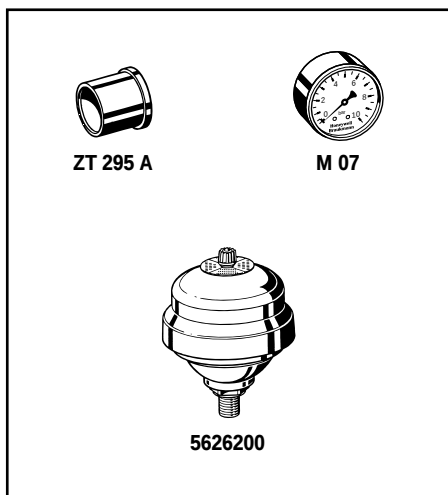
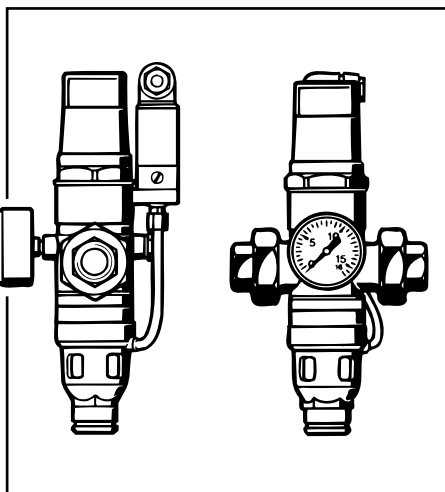
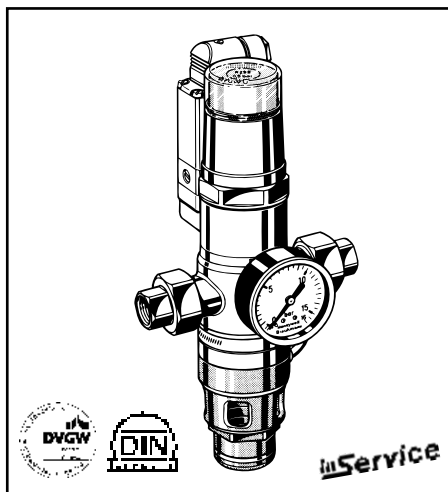


Subject to change

Description	Nominal size	Part number
① Valve insert complete	0.5 bar	
	$\frac{1}{2}$ " - 1"	R 295 SAA - 1 A
	$1\frac{1}{4}$ " - 2"	R 295 SAA - 2 A
	1.0 bar	
	$\frac{1}{2}$ " - 1"	R 295 SAA - 1 B
	$1\frac{1}{4}$ " - 2"	R 295 SAA - 2 B
1.5 bar	$\frac{1}{2}$ " - 1"	R 295 SAA - 1 C
	$1\frac{1}{4}$ " - 2"	R 295 SAA - 2 C
2.0 bar	$\frac{1}{2}$ " - 1"	R 295 SAA - 1 D
	$1\frac{1}{4}$ " - 2"	R 295 SAA - 2 D
② Seal set	$\frac{1}{2}$ " - 1"	0901015
	$1\frac{1}{4}$ " - 2"	0901016
③ Changeover valve	$\frac{1}{2}$ " - 2"	0901407
④ Hexagonal blanking plug with seal ring (pack of 5)	$\frac{1}{2}$ " - 2"	S 06 M - $\frac{1}{4}$
⑤ Seal ring	$\frac{1}{2}$ "	5351200
	$\frac{3}{4}$ "	5351300
	1"	5166300
	$1\frac{1}{4}$ "	5162900
	$1\frac{1}{2}$ "	5163000
	2"	5163100
⑥ Non return check valve	$\frac{1}{2}$ "	RV 282 E - $\frac{3}{4}$ A
	$\frac{3}{4}$ "	RV 282 E - 1 A
	1"	RV 282 E - 1 A
	$1\frac{1}{4}$ "	RV 276 - $1\frac{1}{4}$
	$1\frac{1}{2}$ "	RV 276 - $1\frac{1}{2}$
	2"	RV 276 - 2
⑦ Discharge connector complete	$\frac{1}{2}$ " - 1"	0901340
	$1\frac{1}{4}$ " - 2"	0901341
⑧ Proximity switch	$\frac{1}{2}$ " - 2"	2987800
⑨ Pressure switch	$\frac{1}{2}$ " - 2"	5670500

R 295 SB DIN type 3 backflow preventers

1989 and onwards



Accessories

ZT 295 A Soldered union connectors (2 pcs.)

- ZT 295 W - $\frac{1}{2}$ " (for 15mm Ø pipe)
- ZT 295 A - $\frac{3}{4}$ " (for 22mm Ø pipe)
- ZT 295 A - 1" (for 28mm Ø pipe)
- ZT 295 A - $1\frac{1}{4}$ " (for 35mm Ø pipe)
- ZT 295 A - $1\frac{1}{2}$ " (for 42mm Ø pipe)
- ZT 295 A - 2" (for 54mm Ø pipe)

M 07 Pressure gauge

Housing Ø 63 mm,
rear connection G $\frac{1}{4}$ ".

Ranges:

0 – 4, 0 – 10, 0 – 16, 0 – 25 bar.

Please state pressure range when
ordering

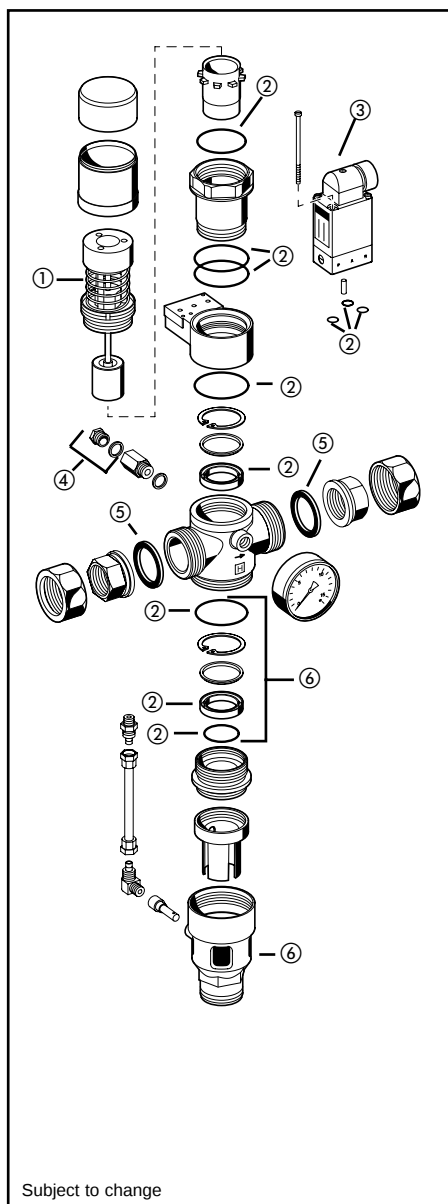
5626200 Shock arrester

Bottom connection, G $\frac{1}{4}$ "

Outside Ø 85 mm

R 295 SB DIN type 3 backflow preventers - Service parts

1989 and onwards

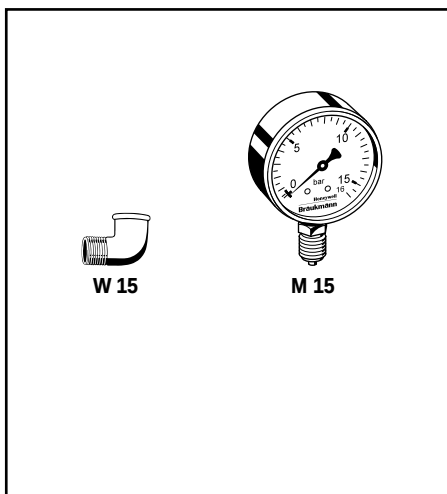
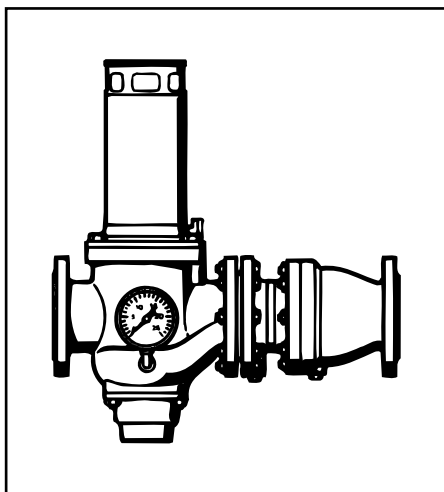
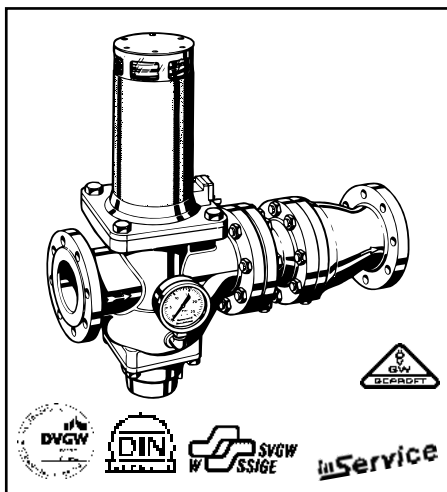


Subject to change

Description	Nominal size	Part number
① Valve insert complete 0.5 bar	1/2" - 1"	R 295 SBA - 1 A
	1 1/4" - 2"	R 295 SBA - 2 A
② Seal set	1/2" - 1"	0901015
	1 1/4" - 2"	0901016
③ Changeover valve	1/2" - 2"	0901407
④ Hexagonal blanking plug with seal ring (pack of 5)	1/2" - 2"	S 06 M - 1/4
⑤ Seal ring	1/2"	5351200
	3/4"	5351300
	1"	5166300
	1 1/4"	5162900
	1 1/2"	5163000
	2"	5163100
⑥ Discharge connector complete	1/2" - 1"	0901340
	1 1/4" - 2"	0901341

R 295-F DIN type 1 backflow preventers

1987 and onwards



Accessories

M 15

Pressure gauge

Housing Ø 100 mm, rear connection G 1/2"

Ranges:

0 – 4, 0 – 10, 0 – 16, 0 – 25 bar.

Please state pressure range when ordering

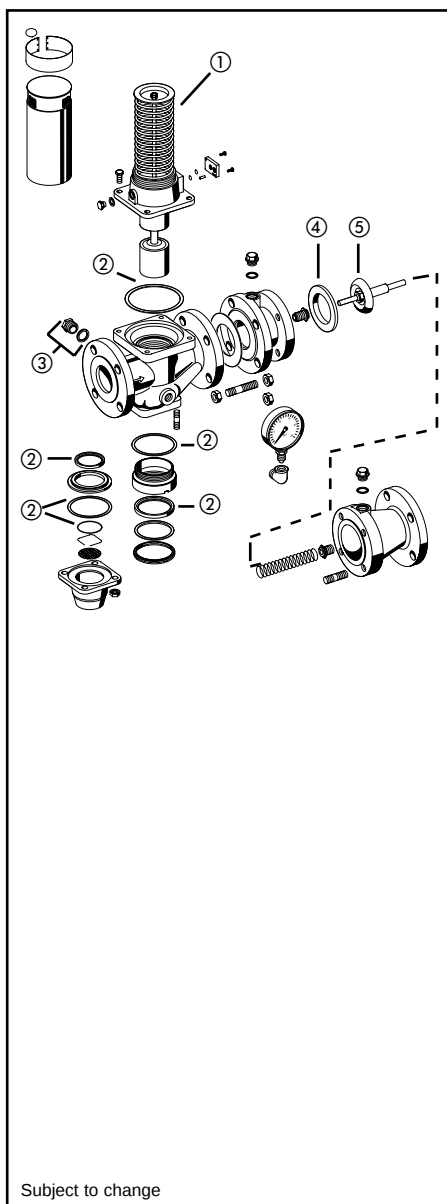
W 15

Elbow

Galvanised malleable iron, G 1/2" for M 15 pressure gauge

R 295-F DIN type 1 backflow preventers - Service parts

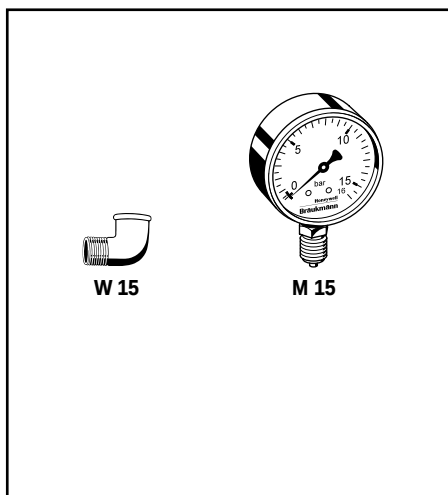
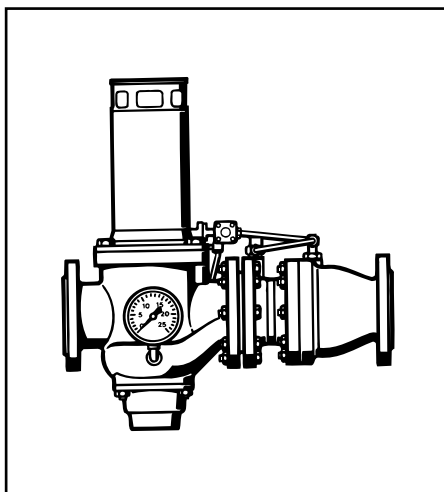
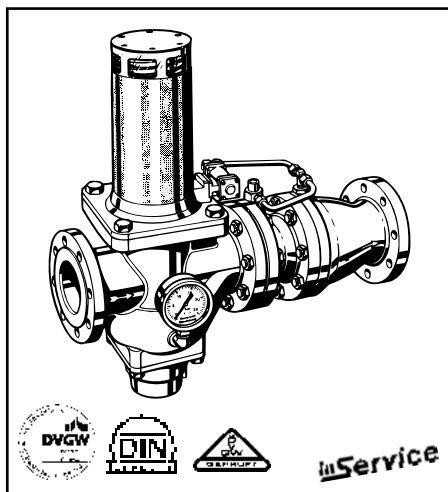
1987 and onwards



Description	Nominal size	Part number
① Valve insert complete 0.5 bar	DN 65	R 295 A - 65 FA
	DN 80	R 295 A - 80 FA
	DN 100	R 295 A - 100 FA
	DN 125	R 295 A - 125 FA
	DN 150	R 295 A - 150 FA
	DN 200	R 295 A - 200 FA
1.0 bar	DN 65	R 295 A - 65 FB
	DN 80	R 295 A - 80 FB
	DN 100	R 295 A - 100 FB
	DN 125	R 295 A - 125 FB
	DN 150	R 295 A - 150 FB
	DN 200	R 295 A - 200 FB
1.5 bar	DN 65	R 295 A - 65 FC
	DN 80	R 295 A - 80 FC
	DN 100	R 295 A - 100 FC
② Seal set	DN 65	0901093
	DN 80	0901094
	DN 100	0901095
	DN 125	0901143
	DN 150	0901145
	DN 200	0901147
③ Blanking plug with seal ring (pack of 5)	DN 65	S 15 M - 1/2
	- 200	
④ Lip seal ring	DN 65	5350000
	DN 80	5350300
	DN 100	5350400
	DN 125	2070300
	DN 150	2067300
	DN 200	2238900
⑤ Seal disc complete	DN 65	0900376
	DN 80	0900377
	DN 100	0900378
	DN 125	0900379
	DN 150	0900380
	DN 200	0900381

R 295 H-F DIN type 2 backflow preventers

1989 and onwards



Accessories

M 15

Pressure gauge

Housing Ø 100 mm, rear connection G $\frac{1}{2}$ "

Ranges:

0 – 4, 0 – 10, 0 – 16, 0 – 25 bar.

Please state pressure range when ordering

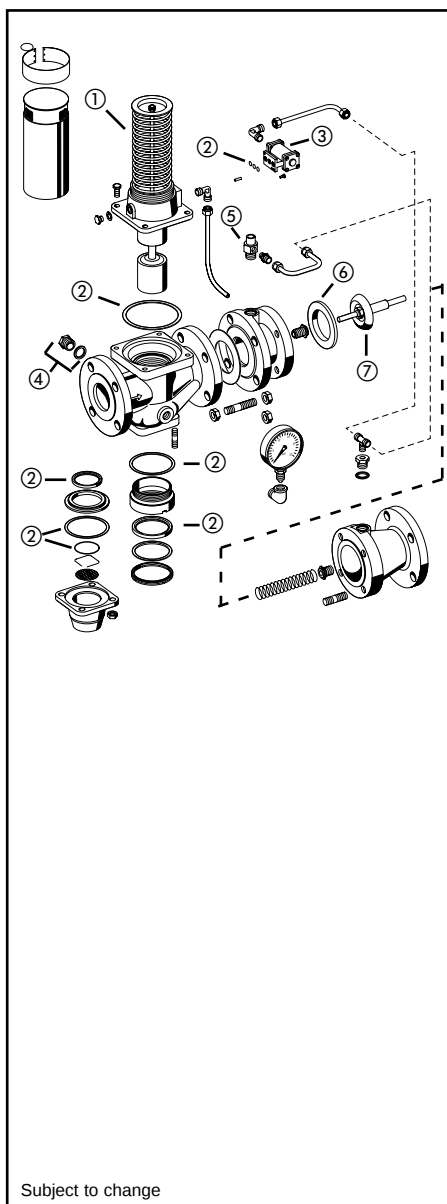
W 15

Elbow

Galvanised malleable iron, G $\frac{1}{2}$ " for M 15 pressure gauge

R 295 H-F DIN type 2 backflow preventers - Service parts

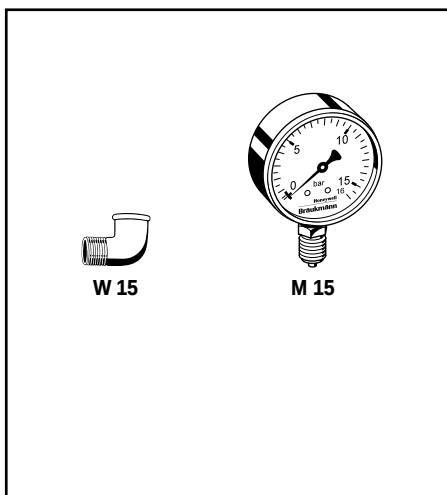
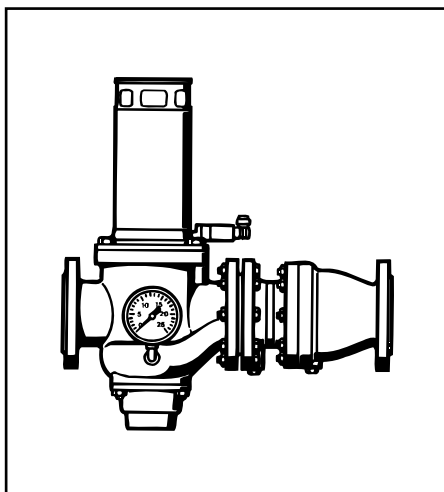
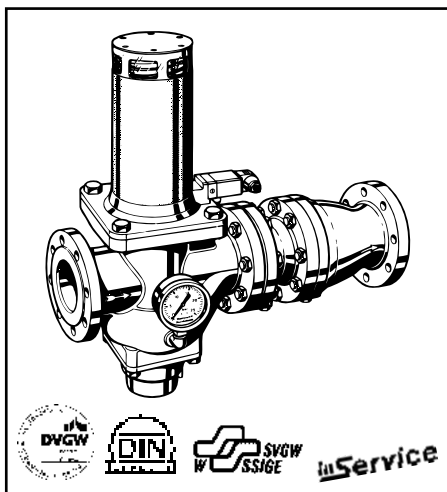
1989 and onwards



Description	Nominal size	Part number
① Valve insert complete 0.5 bar	DN 65	R 295 A - 65 FB
	DN 80	R 295 A - 80 FB
	DN 100	R 295 A - 100 FB
	DN 125	R 295 A - 125 FB
	DN 150	R 295 A - 150 FB
	DN 200	R 295 A - 200 FB
② Seal set	DN 65	0901093
	DN 80	0901094
	DN 100	0901095
	DN 125	0901143
	DN 150	0901145
	DN 200	0901147
③ Operating valve	DN 65 – 200	2184500
④ Blanking plug with seal ring (pack of 5)	DN 65 – 200	S 15 M - 1/2
⑤ Pressure balancing valve	DN 65	R 295 H - F
	– 200	
⑥ Lip seal ring	DN 65	5350000
	DN 80	5350300
	DN 100	5350400
	DN 125	2070300
	DN 150	2067300
	DN 200	2238900
⑦ Seal disc complete	DN 65	0900376
	DN 80	0900377
	DN 100	0900378
	DN 125	0900379
	DN 150	0900380

R 295 S-F DIN type 2 backflow preventers

1987 and onwards



Accessories

M 15

Pressure gauge

Housing Ø 100 mm, rear connection G $\frac{1}{2}$ "

Ranges:

0 – 4, 0 – 10, 0 – 16, 0 – 25 bar.

Please state pressure range when ordering

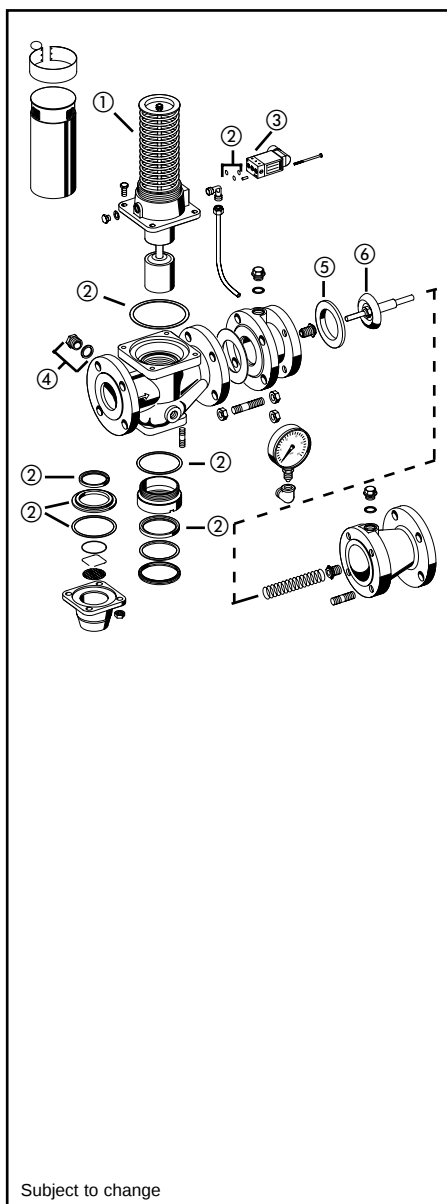
W 15

Elbow

Galvanised malleable iron, G $\frac{1}{2}$ " for M 15 pressure gauge

R 295 S-F DIN type 2 backflow preventers - Service parts

1987 and onwards

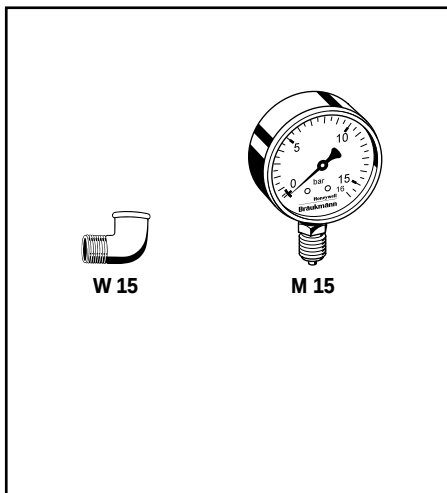
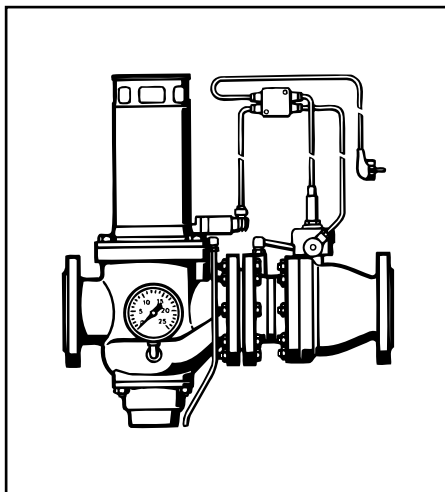
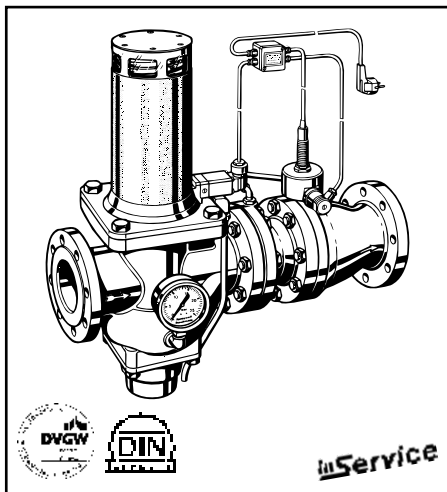


Description	Nominal size	Part number
① Valve insert complete 0.5 bar	DN 65	R 295 A - 65 FA
	DN 80	R 295 A - 80 FA
	DN 100	R 295 A - 100 FA
	DN 125	R 295 A - 125 FA
	DN 150	R 295 A - 150 FA
	DN 200	R 295 A - 200 FA
1.0 bar	DN 65	R 295 A - 65 FB
	DN 80	R 295 A - 80 FB
	DN 100	R 295 A - 100 FB
	DN 125	R 295 A - 125 FB
	DN 150	R 295 A - 150 FB
	DN 200	R 295 A - 200 FB
1.5 bar	DN 65	R 295 A - 65 FC
	DN 80	R 295 A - 80 FC
	DN 100	R 295 A - 100 FC
② Seal set	DN 65	0901093
	DN 80	0901094
	DN 100	0901095
	DN 125	0901143
	DN 150	0901145
	DN 200	0901147
③ Changeover valve	DN 65 – 100	0901407
	DN 125 – 200	0901412
④ Blanking plug with seal ring (pack of 5)	DN 65 – 200	S 15 M - 1/2
⑤ Lip seal ring	DN 65	5350000
	DN 80	5350300
	DN 100	5350400
	DN 125	2070300
	DN 150	2067300
	DN 200	2238900
⑥ Seal disc complete	DN 65	0900376
	DN 80	0900377
	DN 100	0900378
	DN 125	0900379
	DN 150	0900380
	DN 200	0900381

Subject to change

R 295 W-F DIN type 2 backflow preventers

1987 and onwards



Accessories

M 15

Pressure gauge

Housing Ø 100 mm, rear connection G $\frac{1}{2}$ "

Ranges:

0 – 4, 0 – 10, 0 – 16, 0 – 25 bar.

Please state pressure range when ordering

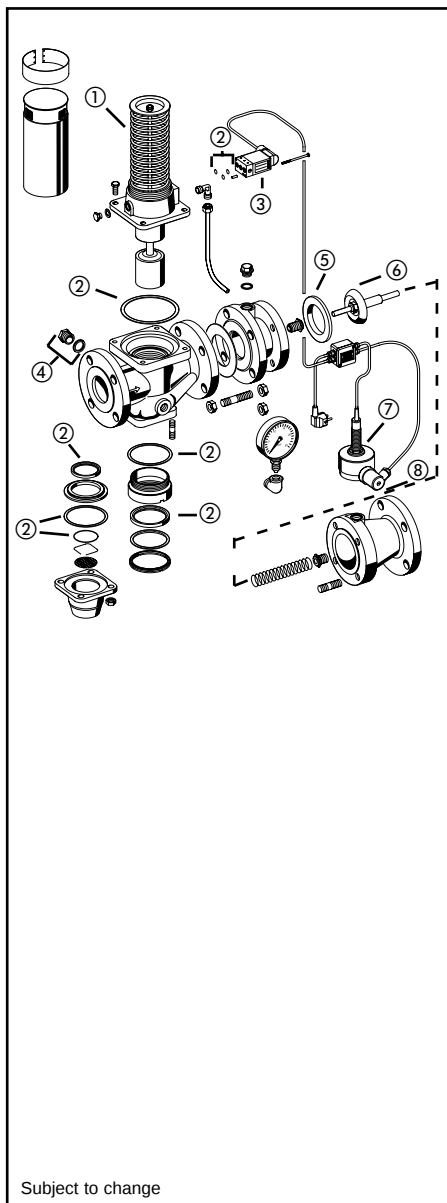
W 15

Elbow

Galvanised malleable iron, G $\frac{1}{2}$ " for M 15 pressure gauge

R 295 W-F DIN type 2 backflow preventers - Service parts

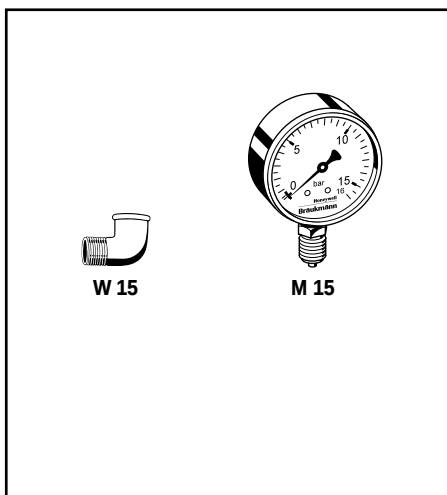
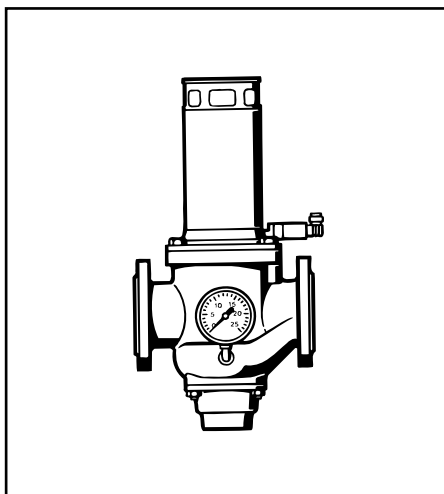
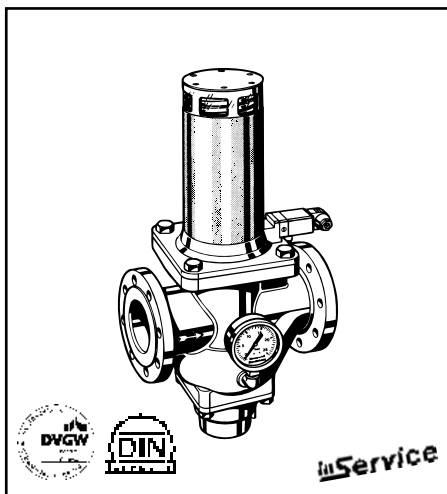
1987 and onwards



Description	Nominal size	Part number
① Valve insert complete 0.5 bar	DN 65	R 295 A - 65 FA
	DN 80	R 295 A - 80 FA
	DN 100	R 295 A - 100 FA
	DN 125	R 295 A - 125 FA
	DN 150	R 295 A - 150 FA
	DN 200	R 295 A - 200 FA
	1.0 bar	
	DN 65	R 295 A - 65 FB
	DN 80	R 295 A - 80 FB
	DN 100	R 295 A - 100 FB
1.5 bar	DN 125	R 295 A - 125 FB
	DN 150	R 295 A - 150 FB
	DN 200	R 295 A - 200 FB
	DN 65	R 295 A - 65 FC
	DN 80	R 295 A - 80 FC
② Seal set	DN 100	R 295 A - 100 FC
	DN 65	0901093
	DN 80	0901094
	DN 100	0901095
	DN 125	0901143
	DN 150	0901145
③ Changeover valve	DN 200	0901147
	DN 65	
	- 100	0901407
	DN 125	
④ Blanking plug with seal ring (pack of 5)	- 200	0901412
		S 15 M - 1/2
⑤ Lip seal ring	DN 65	5350000
	DN 80	5350300
	DN 100	5350400
	DN 125	2070300
	DN 150	2067300
	DN 200	2238900
⑥ Seal disc complete	DN 65	0900376
	DN 80	0900377
	DN 100	0900378
	DN 125	0900379
	DN 150	0900380
	DN 200	0900381
⑦ Proximity switch	DN 65	
	- 200	2987800
⑧ Pressure switch	DN 65	
	- 200	5670500

R 295 SB-F DIN type 3 backflow preventers

1989 and onwards



Accessories

M 15

Pressure gauge

Housing Ø 100 mm, rear connection G $\frac{1}{2}$ "

Ranges:

0 – 4, 0 – 10, 0 – 16, 0 – 25 bar.

Please state pressure range when ordering

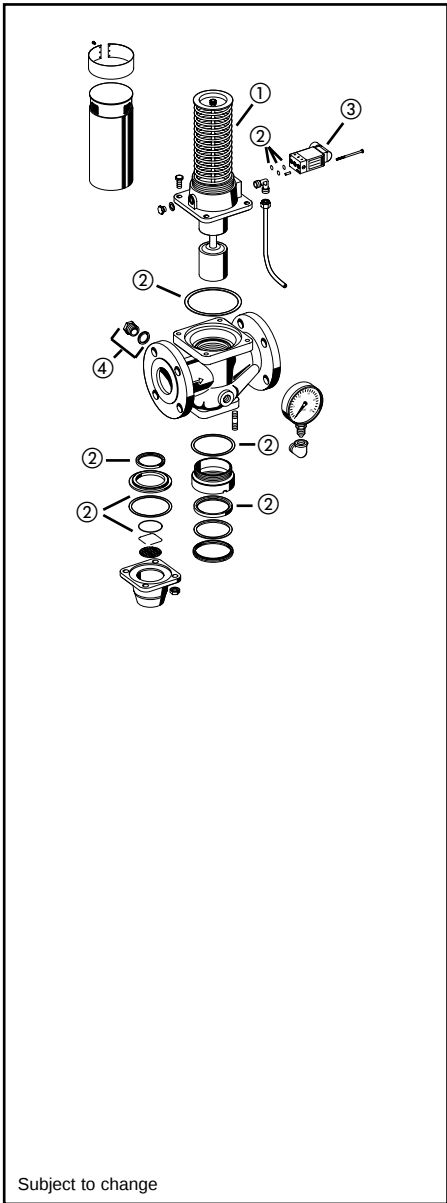
W 15

Elbow

Galvanised malleable iron, G $\frac{1}{2}$ " for M 15 pressure gauge

R 295 SB-F DIN type 3 backflow preventers - Service parts

1989 and onwards



Subject to change

Description	Nominal size	Part number
① Valve insert complete 0.5 bar	DN 65	R 295 A - 65 FA
	DN 80	R 295 A - 80 FA
	DN 100	R 295 A - 100 FA
	DN 125	R 295 A - 125 FA
	DN 150	R 295 A - 150 FA
	DN 200	R 295 A - 200 FA
② Seal set	DN 65	0901093
	DN 80	0901094
	DN 100	0901095
	DN 125	0901143
	DN 150	0901145
	DN 200	0901147
③ Changeover valve	DN 65	
	– 100	0901407
	DN 125	
④ Blanking plug with seal ring (pack of 5)	– 200	0901412
	DN 65	
	– 200	S 15 M - 1/2

Backflow preventers - What to do if...

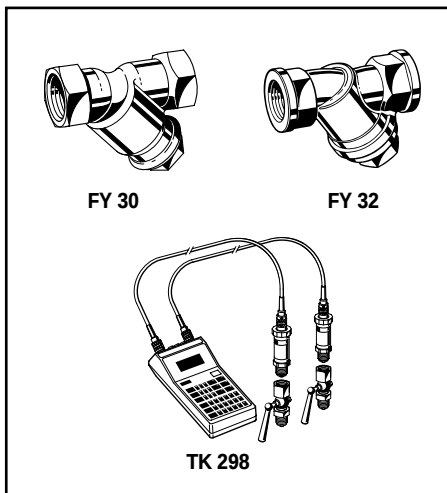
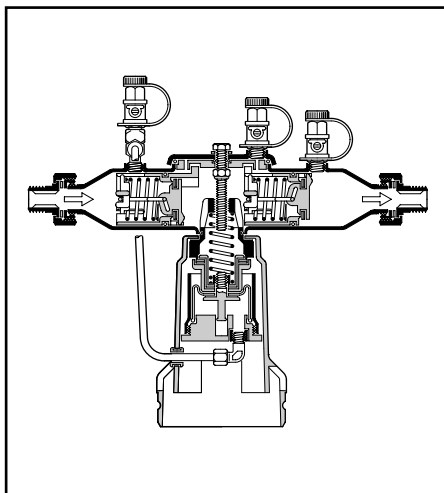
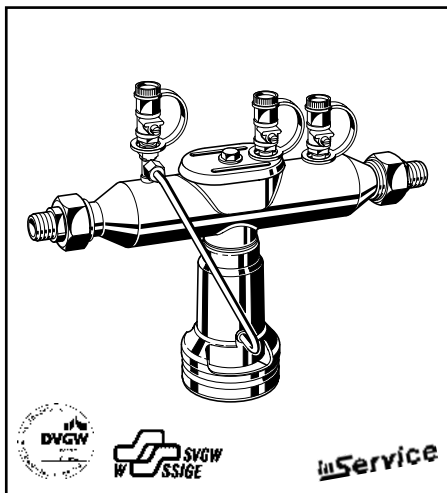
Problem	Cause	Solution
No, or too little water pressure	general	– Shutoff valves before and/or after valve not fully open
		– Fully open shutoff valves
		– Filter in water metering system dirty
		– Clean filter
		– Valve cone in flow regulating valve blocked
		– Carry out maintenance service on flow regulating valve
Valve does not switch to flow position	general	– Pressure reducing valve not set to required value
		– Adjust pressure reducing valve using ribbed knob
		– Filter dirty
		– Reverse rinse
		– Backflow preventer fitted wrong way round
		– Fit device in correct flow direction
Valve opens and closes at short time intervals (pumps)	general	– Check supply pressure in relation to set operating pressure
		– Consult Honeywell Customer Service department
	R 295 SA	– Faulty solenoid valve
		– Replace solenoid valve
	R 295 H	– Operating valve switch does not operate because of dirt
		– Carry out maintenance service on operating valve
	R 295 WA	– Control aperture of pressure switch is dirty
		– Clean control aperture
	general	– Leakage in the downstream system
		– Check system
		– Check supply pressure in relation to set operating pressure
		– Consult Honeywell Customer Service
	R 295 H	– Operating pressure sensor leaking because of wear
		– Carry out maintenance service on operating pressure sensor or replace
	R 295 H	– Operating valve leaking because of wear
		– Carry out maintenance service on operating valve or replace
	R 295 WA	– Proximity switch does not maintain contact because of wear
		– Replace proximity switch
	R 295 WA	– Flow element sticking because of dirt
		– Clean and if necessary replace flow element

Backflow preventers - What to do if...

Problem		Cause	Solution
Valve constantly discharges	general	– Fluted ring damaged by pressure shock or dirt	– Replace fluted ring
Hammering noises in the outlet non-return check valve	general	– Integral non-return check valve in the water metering system is hammering – Loose and therefore vibrating valve disc in shutoff devices – Air pocket in redundant or little used sections of pipework – Rapidly closing flushing valve – Solenoid valves on dishwashing machine or washing machine	– Remove or carry out maintenance service on non-return check valve after consultation with water supplier – Check shutoff devices and if necessary carry out maintenance service – Vent – Check flushing valve and replace if necessary – Fit shock arrestor (e.g. Flamco) on the flow to the appliance

BA 298 backflow preventers

1993 and onwards



Accessories

FY 30

Strainer

With double mesh strainer, brass housing

A = Mesh size approx. 0.35 mm

B = Mesh size approx. 0.18 mm

FY 32

Strainer

With double mesh strainer, red bronze housing

C = Mesh size approx. 0.25 mm

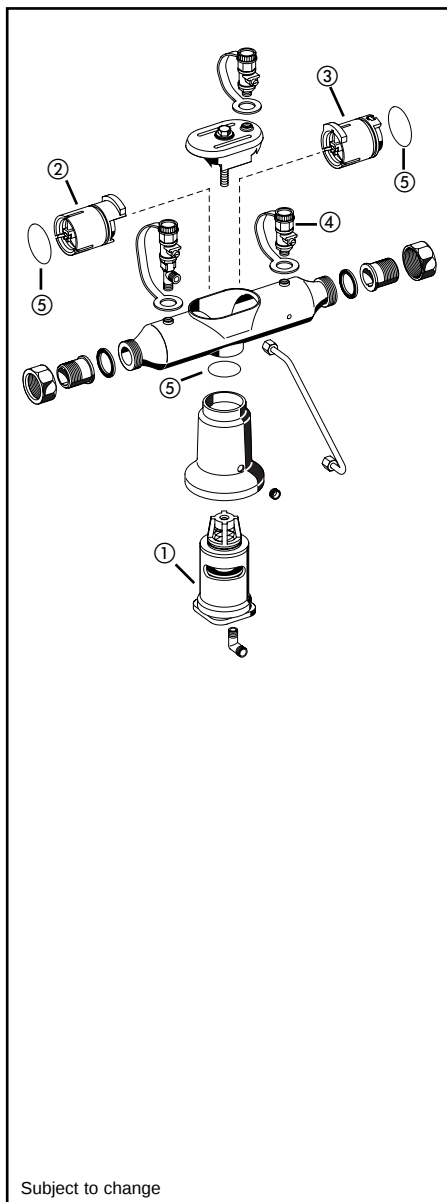
TK 298

Test kit

Electronic pressure measuring meter with digital indicator, in smart aluminium case, ideal for checking and maintenance of all Honeywell Braukmann type BA backflow preventers

BA 298 backflow preventers - Service parts

1993 and onwards

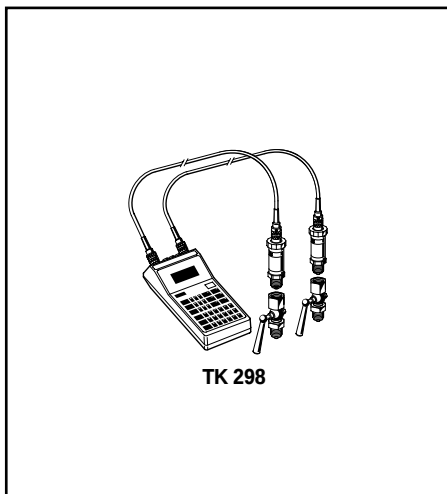
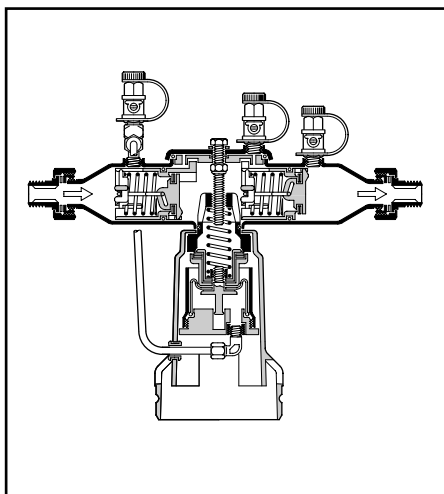
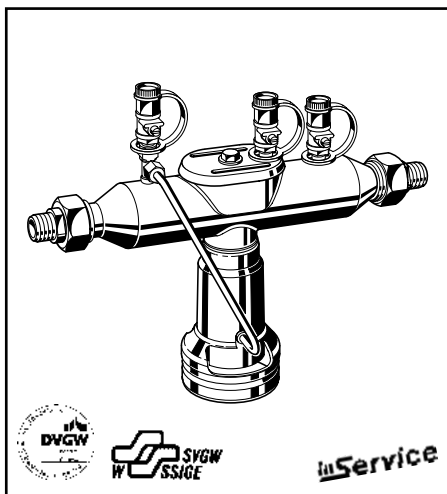


Subject to change

Description	Nominal size	Part number
① Discharge valve 1½" – 2"	¼" – 1¼"	0901671
	0901665	
② Non return check valve for inlet	¼" – 1¼"	0901669
	1½" – 2"	0901663
③ Non return check valve for outlet	¼" – 1¼"	0901670
	1½" – 2"	0901664
④ Ball valve	¼" – 2"	0901666
⑤ Seal set	¼" – 1¼"	0901674
	1½" – 2"	0901668

BA 298 I backflow preventers

1993 and onwards



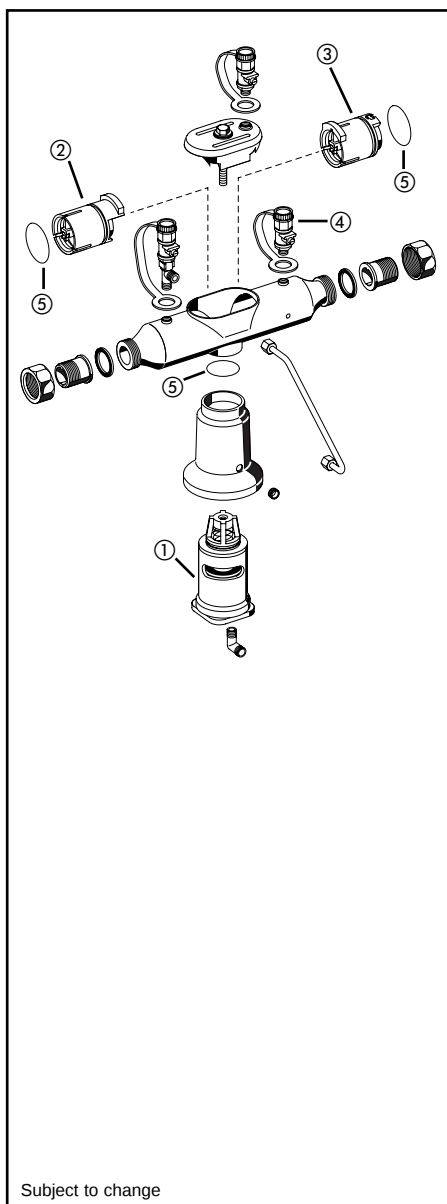
Accessories

TK 298 Test kit

Electronic pressure measuring meter with digital indicator, in smart aluminium case, ideal for checking and maintenance of all Honeywell Braukmann type BA backflow preventers

BA 298 I backflow preventers - Service parts

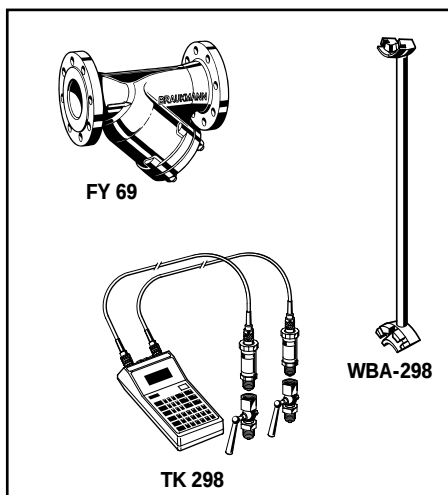
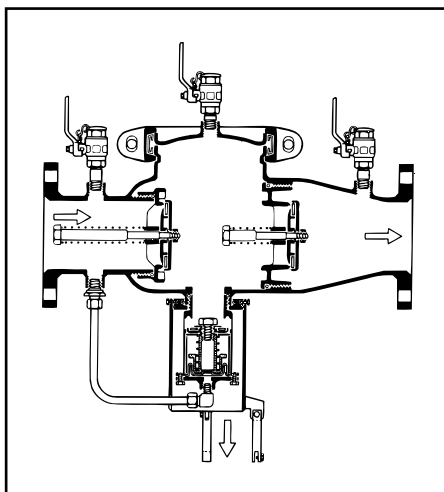
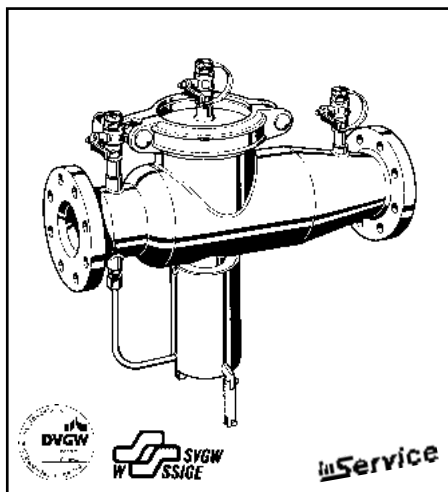
1993 and onwards



Description	Nominal size	Part number
① Discharge valve	$\frac{1}{2}'' - 1\frac{1}{4}''$	0901671
	$1\frac{1}{2}'' - 2''$	0901665
② Non return check valve for inlet	$\frac{1}{2}'' - 1\frac{1}{4}''$	0901669
	$1\frac{1}{2}'' - 2''$	0901663
③ Non return check valve for outlet	$\frac{1}{2}'' - 1\frac{1}{4}''$	0901670
	$1\frac{1}{2}'' - 2''$	0901664
④ Ball valve	$\frac{1}{2}'' - 2''$	0901667
⑤ Seal set	$\frac{1}{2}'' - 1\frac{1}{4}''$	0901674
	$1\frac{1}{2}'' - 2''$	0901668

BA 298-F backflow preventers

1993 and onwards



Accessories

FY 69

Y strainer

With double strainer mesh,
grey cast iron housing
A = Mesh size approx. 0.5 mm

WBA-298-100 Replacement tool for non-return check valve

For sizes DN 65 – 100

WBA-298-150 Replacement tool for non-return check valve

For size DN 150

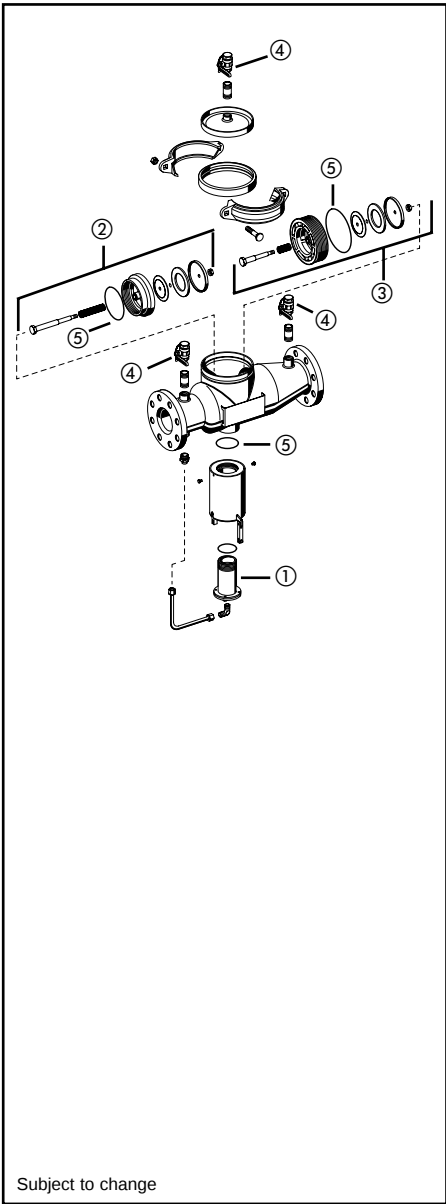
TK 298

Test kit

Electronic pressure measuring
meter with digital indicator, in smart
aluminium case, ideal for checking
and maintenance of all Honeywell
Braukmann type BA backflow
preventers

BA 298-F backflow preventers - Service parts

1993 and onwards

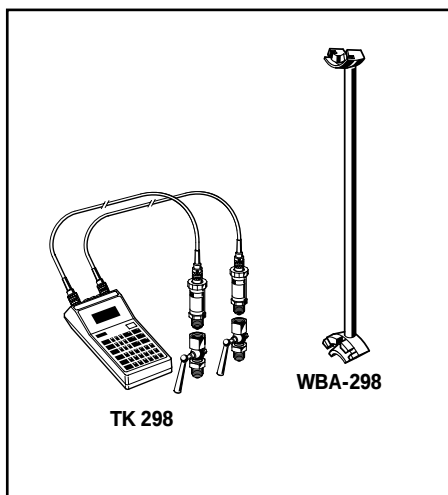
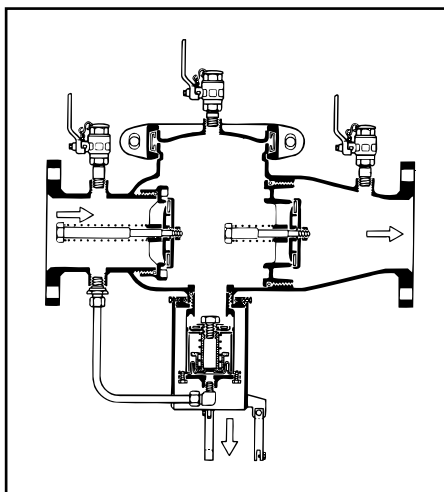
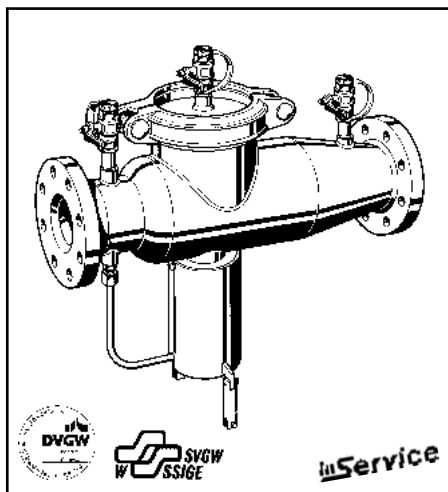


Subject to change

Description	Nominal size	Part number
① Discharge valve	DN 65 – 150	0901855
	DN 65 FB	0901665
② Non return check valve for inlet	DN 65 – 100	0901650
	DN 150	0901654
	DN 65 FB	0901663
③ Non return check valve for outlet	DN 65 – 100	0901651
	DN 150	0901655
	DN 65 FB	0901664
④ Ball valve	DN 65 – 150	0901659
⑤ Seal set	DN 65 – 100	0901660
	DN 150	0901661
	DN 65 FB	0901668

BA 298 I-F backflow preventers

1993 and onwards



Accessories

WBA-298-100 Replacement tool for non-return check valve

For sizes DN 65 – 100

WBA-298-150 Replacement tool for non-return check valve

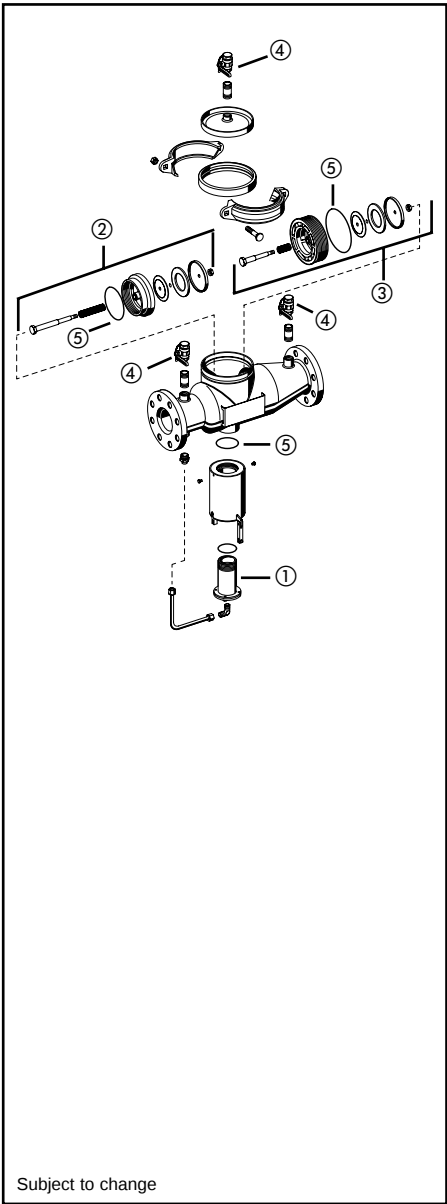
For size DN 150

TK 298 Test kit

Electronic pressure measuring meter with digital indicator, in smart aluminium case, ideal for checking and maintenance of all Honeywell Braukmann type BA backflow preventers

BA 298 I-F backflow preventers - Service parts

1993 and onwards



Description	Nominal size—Part number
① Discharge valve	DN 65 – 150 0901856
	DN 65 FB 0901665
② Non return check valve for inlet	DN 65 – 100 0901652
	DN 150 0901656
	DN 65 FB 0901663
③ Non return check valve for outlet	DN 65 – 100 0901653
	DN 150 0901657
	DN 65 FB 0901664
④ Ball valve	DN 65 – 150 0901662
⑤ Seal set	DN 65 – 100 0901660
	DN 150 0901661
	DN 65 FB 0901668

Backflow preventers - What to do if...

Problem	Cause	Solution
Discharge valve opens for no apparent reason	– Water hammer in water supply network – Fluctuating inlet pressure – Inlet non return check valve or discharge valve are dirty – Inlet non return check valve not sealing properly	– Fit shock arrestor before backflow preventer – Fit pressure reducing valve before backflow preventer – Remove and clean non return check valve and/or discharge valve – Remove non return check valve, clean and if necessary replace
Discharge valve does not close	– Deposits on valve seat – Damaged O-ring – Discharge valve not sealing properly	– Remove discharge valve, clean and if necessary replace – Remove discharge valve and replace O-ring – Remove discharge valve, clean and if necessary replace
Discharge valve does not open	– Blocked control link pipe	– Remove control link pipe and clean
Insufficient flow	– Inlet strainer is blocked	– Remove and clean strainer