

reflex

Thinking solutions.

Pressurization Systems



Reflexomat, Variomat



Technical data

Reflexomat Compact

- Compact compressor-controlled pressurization station for heating and cooling water systems
- Approval in accordance with the Pressure Equipment Directive 97/23/EC
- Diaphragm in accordance with DIN 4807 T3
- Perm. excess operating pressure 6 bar
- Perm. flow temperature 120 °C*
- Perm. operating temperature 70 °C**
- Perm. ambient temperature 0-45 °C
- Degree of protection: IP 54



Type	Article no.	Sound level dB	Electrical power kW	Voltage	Electrical connection	Ø D mm	H mm	h mm	System connection	Weight kg
RC 200	8806405	72	0.75	230 V / 50 Hz	Schuko plug, 2 m cable	634	1320	135	R 1	52
RC 300	8801705	72	0.75	230 V / 50 Hz	Schuko plug, 2 m cable	634	1620	135	R 1	69
RC 400	8802805	72	0.75	230 V / 50 Hz	Schuko plug, 2 m cable	740	1620	135	R 1	80
RC 500	8803705	72	0.75	230 V / 50 Hz	Schuko plug, 2 m cable	740	1845	135	R 1	93

Commissioning (optional) by Reflex Customer Service Article no.: 7945600

* According to highest possible setpoint - Temperature control 105 °C, in accordance with DIN EN 12828

** Installation in the system's return line, diaphragm load of expansion vessels max. 70 °C. Please consult us for permanent temperatures of ≤ 0 °C.

Reflexomat control units

- Compressor-controlled pressurization station for heating and cooling water systems
- Approval in accordance with the Pressure Equipment Directive 97/23/EC
- Diaphragm in accordance with DIN 4807 T3
- Perm. excess operating pressure 10 bar
- Perm. flow temperature 120 °C*
- Perm. operating temperature 0-70 °C**
- Perm. ambient temperature 0-45 °C
- Degree of protection: IP 54



RS control unit with 1 compressor

Type	Article no.	Sound level dB	Electrical power kW	Electrical connection	Height mm	Width mm	Depth mm	Weight kg	Compressor
RS 90/1	8880111	72	0.75	Schuko plug, 5 m cable	415	395	520	21	Up to 600 l RS 90/1 on the basic tank
RS 90/1	8880211	72	0.75	Schuko plug, 5 m cable	585	395	345	25	From 800 l RS 90/1 adjacent
RS 150/1	8880311	72	1.10	Main switch, fixed connection to terminal strip	415	395	520	28	adjacent
RS 300/1	8880411	76	2.20		415	395	520	34	
RS 400/1	8880511	76	2.40		415	395	520	51	
RS 580/1	8880611	76	3.00		415	395	520	102	

RS control unit with 2 compressors

Type	Article no.	Sound level dB	Electrical power kW	Electrical connection	Height mm	Width mm	Depth mm	Weight kg	Compressors
RS 90/2	8882100	72	1.50	Main switch, fixed connection to terminal strip	415	395	520	33	adjacent
RS 150/2	8883100	72	2.20		415	395	520	45	
RS 300/2	8884100	76	4.40		415	395	520	61	
RS 400/2	8885100	76	4.80		415	395	520	95	
RS 580/2	8886100	76	6.00		415	395	520	197	

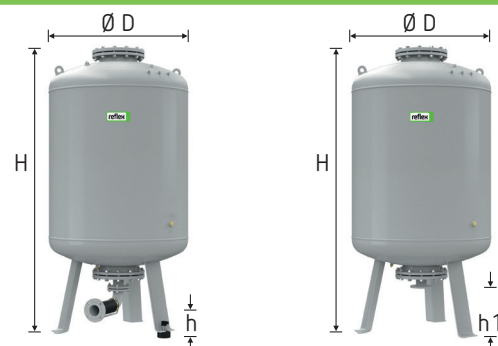
Voltage 230 V/50 Hz; from RS 150 400 V/50 Hz

* According to highest possible setpoint - Temperature control 105 °C, in accordance with DIN EN 12828

** Installation in the system's return line, diaphragm load of expansion vessels max. 70 °C. Please consult us for permanent temperatures of ≤ 0 °C.

Technical data

Reflexomat tanks



RG basic tank			RF slave tank (optional)						
Type 6 bar	h mm	Article no.	h1 mm	Article no.	Ø D mm	H mm	Connec- tion	H _e * mm	Weight kg
200	115	8799100	155	8789100	634	970	R 1	1350	37
300	115	8799200	155	8789200	634	1270	R 1	1650	54
400	100	8799300	140	8789300	740	1255	R 1	1640	65
500	100	8799400	140	8789400	740	1475	R 1	1860	78
600	100	8799500	140	8789500	740	1720	R 1	2110	94
800	100	8799600	140	8789600	740	2185	R 1	—	149
1000	195	8650105	305	8652005	1000	2025	DN 65	—	330
1500	185	8650305	305	8652205	1200	2025	DN 65	—	465
2000	185	8650405	305	8652305	1200	2480	DN 65	—	565
3000	220	8650605	334	8652505	1500	2480	DN 65	—	795
4000	220	8650705	334	8652605	1500	3065	DN 65	—	1080
5000	220	8650805	334	8652705	1500	3590	DN 65	—	1115
10 bar									
350	190	8654000	190	8654300	750	1340	DN 40	—	230
500	190	8654100	190	8654400	750	1600	DN 40	—	275
750	180	8654200	180	8654500	750	2185	DN 50	—	345
1000	165	8651005	285	8653005	1000	2065	DN 65	—	580
1500	165	8651205	285	8653205	1200	2055	DN 65	—	800
2000	165	8651305	285	8653305	1200	2515	DN 65	—	960
3000	195	8651505	310	8653505	1500	2520	DN 65	—	1425
4000	195	8651605	310	8653605	1500	3100	DN 65	—	1950
5000	195	8651705	310	8653705	1500	3630	DN 65	—	2035

* Height including control unit on the tank (from 200 - 600 l)

Commissioning (optional) by Reflex Customer Service
Single compressor system
Two-compressor system

Article no.: 7945600

Article no.: 7945630