

Reflex Servitec 30, self-optimising vacuum spray tube degassing with makeup

reflex

Thinking solutions.



Features

Type	30
Max. system volume	4 m ³
max. perm. operating temperature	70 °C
operating pressure	0.5 - 2.5 bar
max. perm. operating pressure	8 bar
minimum inlet pressure makeup	0.10 bar
Max. sound pressure level	55 dB(A)
Electric connection	230V/50Hz
Pressure side connection	G 1/2"
Connection outflow side	G 1/2"
Make-up connection	G 1/2"
Separation level, dissolved gases to	90 %
Max. partial volume flow network	0.050 m ³ /h
Max. volume flow makeup	0.025 m ³ /h
Height	659 mm
Width	544 mm
Depth	287 mm
Weight	13.00 kg

Description

Reflex Servitec

Vacuum spray tube degassing for system and make-up water degassing in sealed heating and chilled water systems, configured as a fully automatic multi-function unit with "auto-start" function and automatic hydraulic compensation of the degassing process and monitoring of the make-up function.

Functional unit comprising hydraulic part designed for wall mounting and electronic, ergonomically arranged plug-in Control Basic control unit with CE marking.

In the hydraulic part, degassing takes place directly in a vertically arranged stainless steel circulating pump. This is equipped with a vacuum spray nozzle, dipstick-tube degassing unit and pressure/level monitoring. To protect it against dirt, the unit as a whole is located in a housing made from expanded polypropylene with a removable maintenance cover.

The Control Basic control unit is integrated in a robust plastic housing in which both the power and communication electronics and the control panel with dirt-resistant membrane-covered keyboard is housed. Control Basic is a fully automatic, freely configurable microprocessor control with real-time clock, differentiating error and parameter memory, two line plain text display for system pressure and all relevant operating and fault messages, LED display for operating modes and general error messaging. Communication electronics comprising:

- RS 485 port as data interface or for the connection of optional communication components
- Potential-free output for the forwarding of the collective message
- Digital input for signal processing of a contact water meter
- Input for makeup functional request via external signal

Control unit completely assembled and wired ready for connection according to VDE regulations, mains power cable and mains plug, system connections by means of integrated shut-off valves.

