

XHR-300 SERIES - 'LOW FLOW' ELECTRIC AND STEAM HEATED REGULATOR DIAPHRAGM SENSED

SPECIAL FEATURES

- ATEX certified to EEx d IIC T3
- Dual, independent, 100 W heaters for pre heat and re-heat of sample gas. Oxygen sample - Inconel X750 Diaphragm for extra strength
- Large surface area for heat transfer
- Easy to wire circuit board with 115 V or 230 V supply
- Stylish Junction Box with 7 mm mounting supports.
- Fully serviceable design
- Optional entry points for cable supply

DESCRIPTION

Certified to ATEX directive 94/9/EC, the XHR-300 helps to maintain saturated gases in their vapourised state due to its unique DUAL heating design. Two 100 W heater cartridges, or steam tubes, are inserted in spiral machined sheaths, which agitate the media to help with the heat transfer and analysis process. The propriety PCB is easy to wire and incorporates an adjustable potentiometer to adjust the temperature setting to the heaters.

APPLICATION

- Natural Gas sample systems
- Oxygen sample systems
- Moisture sample systems

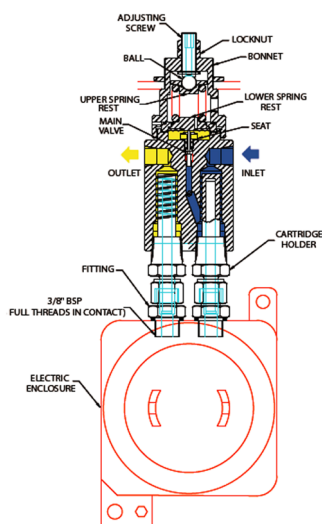
TECHNICAL DATA

Max rated inlet pressure	300 bar (4350 psi) with PEEK seat
Outlet ranges	up to 35 bar (500psi)
Design Proof pressure	150% max WP
Leakage	Bubble tight at max WP (tested on Nitrogen)
Weight	4.1 kg (2 lbs)

STANDARD MATERIALS OF CONSTRUCTION

Body and Bonnet/Main valve pin	316SS
Soft seat cone	PEEK
Valve spring	Inconel X750
Diaphragm	Inconel X750
Handwheel	Nylon
Diaphragm washer	Brass
Cartridge Holder	316SS
'O' ring seals	Viton
Adjusting screw	Al Bronze
Electric Enclosure	Coated Aluminium
Compression Fitting	316SS

NOTE: Product availability and specifications contained herein are subject to change without notice. Consult local distributor or factory for potential revisions and/or service related issues.



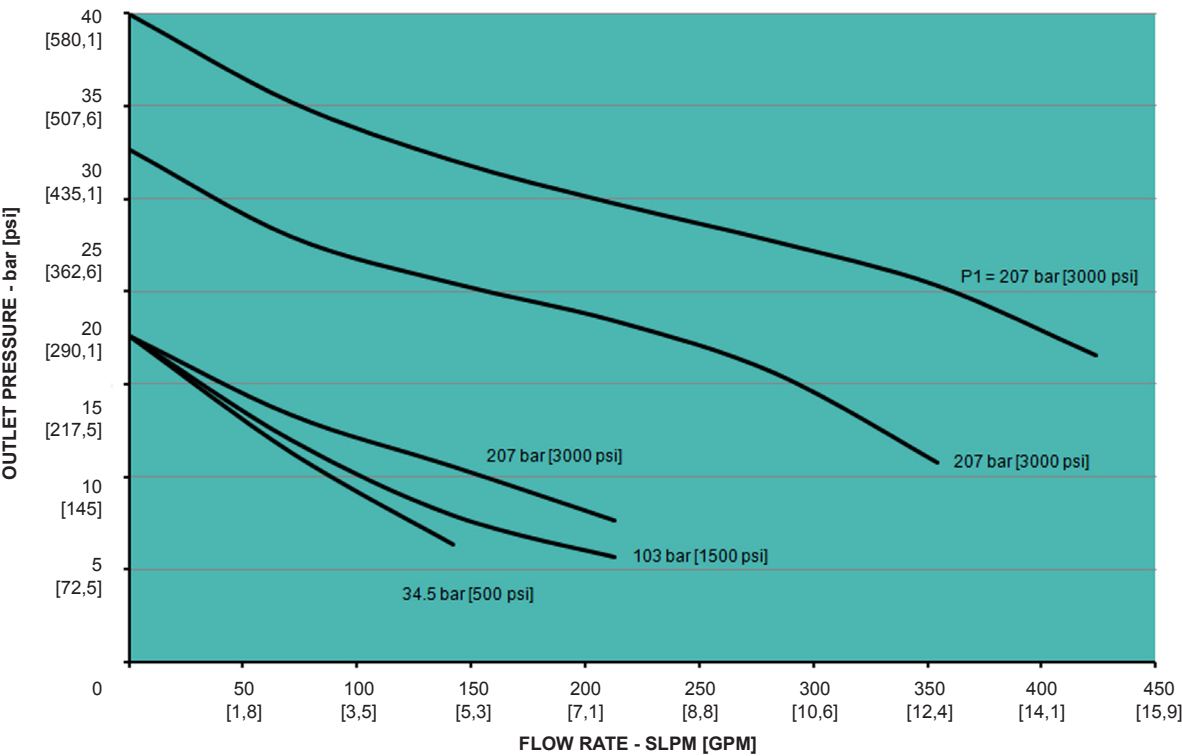
Assembly drawing for reference only. Refer to office for specific detail.

ORDER CODE

Basic Model	Cv Value	Body material	Outlet ranges (Examples*)	Seat	Heat supply	Power cable supply	Porting configuration
XHR300	06	SS	10	K	1	L	N
XHR300	06 – 0.06	SS – 316SS	02: 0-2 bar/0-29 psi 04: 0-4 bar/0-58 psi 08: 0-8 bar/0-116 psi 10: 0-10 bar/0-145 psi 20: 0-20 bar/0-290 psi 35: 0-35 bar/0-508 psi	K- PCTEE (max 210 bar inlet) P- PEEK (max 300 bar inlet)	1 – 115 V 2 – 230 V S – Steam	L – Left side R – Right side B – Bottom side	Check Page 47 = Gauge Port locations

* Maximum inlet pressure can be set to specific requirements

PERFORMANCE CHARTS



INSTALLATION DIMENSIONS:

