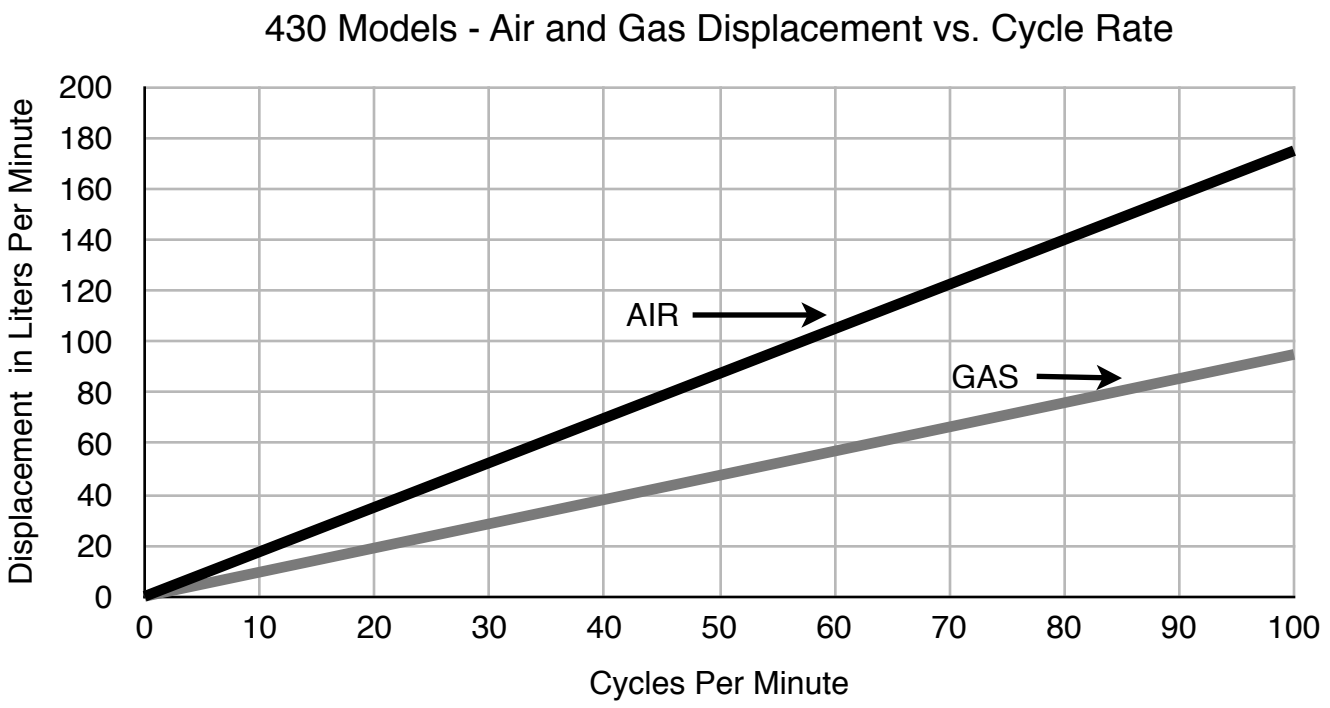
430ANV050-0000 Specifications

This booster series is designed in accordance with the ASME Boiler and Pressure Vessel Code Section VIII, Div. 1 (not stamped). The gas wetted components comply with: NACE MR0175/ISO15156-2, MR0103-2010 and CE ATEX CE Ex II 2 G T3 200 Deg. C

Maximum Gas Discharge Pressure	5.0 MPa
Maximum Gas Discharge Temperature	200 ºC
Maximum cycle rate (Note 1)	100 cpm
Gas cylinder bore diameter	76.2 mm
Gas displacement per cycle	.95 liters
Maximum gas displacement flowrate	95 l/min
Nominal Pressure boost ratio (Note 2)	1.4/1
Piston rod diameter	15.9 mm

Maximum air drive pressure (Note 3)	1.03 MPa
Drive air temperature range	0 to 75ºC
Air cylinder bore diameter	102 mm
Air displacement per cycle	1.75 liters
Maximum air displacement	175 l/min
Stroke length	109 mm
Booster weight	35 kg
Ambient temperature (Note 4)	-15 to 75 ºC



Note 1. A cycle consists of a forward and a reverse stroke.
Note 2. This is a nominal, operating ratio of the gas pressure increase over the drive air pressure. It is not the maximum ratio.
Note 3. Nitrogen or clean natural gas may also be used for the drive gas.
Note 4. Where ambient temperatures fall below 0ºC a heater is required for the drive air.

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