

# PILOT OPERATED / INDUSTRIAL REGULATORS

## MEGR-199 SERIES



MEGR-199 Series

### SPECIFICATIONS:

Type:	Adjustable/PSI/WC
Orifice Diameter:	7/8" or 1-1/8"
Orifice Material:	Stainless Steel
Max. Inlet Pressure:	150-300 PSI
Regulator Spring:	Steel
Diaphragm Plate:	Steel
Exterior Finish:	Gray Powder Coat
Diaphragm:	Fabric Reinforced Nitrile (NBR)
Body Material:	Iron
Bonnet Cap & Bonnet:	Iron

### APPLICATION:

The MEGR-199 Series Industrial regulators are large capacity, pilot operated, low or high pressure units for use in applications with loads up to 75,000,000 BTU/H capacity. These regulators are best suited for industrial applications where high flow capacity and a downstream monitor control line can be applied. The MEGR-199 series provides exceptional downstream control while operating at very high capacities with minimal droop under varying flow and inlet pressures.

Part No.	Description	Inlet/Outlet	Max. Pressure	Orifice	Range of Adjustment	Outlet Set Point	BTU/H LPG @ 20 PSI Inlet
MEGR-199-501P	Pilot Operated Low Pressure Regulator	2" FNPT	150	1-1/8"	7" WC-2 PSI	1	48,825,000
MEGR-199-503P	Pilot Operated Low Pressure Regulator	2" FNPT	150	1-1/8"	2-10 PSI	10	61,425,000
MEGR-199-504P	Pilot Operated Low Pressure Regulator	2" FNPT	150	1-1/8"	5-15 PSI	15	63,000,000
MEGR-199-510P	Pilot Operated High Pressure Regulator	2" FNPT	250	7/8"	7" WC-2 PSI	1	29,295,000
MEGR-199-511P	Pilot Operated High Pressure Regulator	2" FNPT	250	7/8"	1-5 PSI	5	33,075,000
MEGR-199-512P	Pilot Operated High Pressure Regulator	2" FNPT	250	7/8"	5-15 PSI	15	37,800,000
MEGR-199-513P	Pilot Operated High Pressure Regulator	2" FNPT	250	7/8"	2-10 PSI	10	36,225,000
MEGR-199-515P	Pilot Operated High Pressure Regulator	2" FNPT	250	7/8"	10-20 PSI	20	40,950,000
MEGR-199-903P	Pilot Operated High Pressure Regulator	2" FNPT	250	7/8"	10-65 PSI	30	44,100,000
MEGR-199-502PH	Pilot Operated High Pressure Regulator	2" FNPT	300	1-1/8"	1-5 PSI	5	55,125,000
MEGR-199-503PH	Pilot Operated High Pressure Regulator	2" FNPT	300	1-1/8"	2-10 PSI	10	61,425,000
MEGR-199-504PH	Pilot Operated High Pressure Regulator	2" FNPT	300	1-1/8"	5-15 PSI	15	63,000,000
MEGR-199-505PH	Monitor Pilot Operated High Pressure Regulator	2" FNPT	300	1-1/8"	10-20 PSI	20	67,725,000
MEGR-199-901PH	Monitor Pilot Operated High Pressure Regulator	2" FNPT	300	1-1/8"	10-65 PSI	30	74,025,000
MEGR-199M-504PH	Monitor Pilot Operated High Pressure Regulator	2" FNPT	300	1-1/8"	5-15 PSI	15	42,650,000
MEGR-199M-505PH	Monitor Pilot Operated High Pressure Regulator	2" FNPT	300	1-1/8"	10-20 PSI	20	67,725,000
MEGR-199M-901PH	Monitor Pilot Operated High Pressure Regulator	2" FNPT	300	1-1/8"	10-65 PSI	30	74,025,000

(1) Capacity based on inlet pressures 20 PSIG greater than outlet pressure set point and 20% droop.



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