

HIGH PRESSURE INDUSTRIAL

HIGH TEMPERATURE

The **MEGR-1584/MEGR-1586 Series** is a highly reliable and accurate adjustable high-pressure regulator designed to offer a wide selection of available pressure ranges for LPG and NH₃ applications. With models designed to reduce container pressure to between 3PSI-125PSI coupled with the high BTU delivery capacity, this regulator series is perfect for a wide range of high demand industrial/commercial LPG applications such as temporary heat, grain drying, asphalt heaters, agriculture and manufacturing process applications along with alternate trim construction models for industrial NH₃ Applications.

All models feature a convenient factory plugged 1/4" FNPT tapped auxiliary port allowing for easy installation of a pressure gauge or test port.

Models available with three different seal trim levels for LPG, NH₃ and High temperature applications:

Nitrile - Standard LPG Service (-40° – 140° F.)

FKM - High Temperature LPG Service (0° – 300° F.)

NBR/PTFE - NH₃ Service (-40° – 140° F.)



MEGR-1584 Series
Standard / High Temp
LPG Service



MEGR-AA1586 Series
NH₃ Service

SPECIFICATIONS

Type: Adjustable/ PSI

Max. Inlet Pressure: 400 PSI

Inlet Connection: 1/2", 3/4" or 1" FNPT

Outlet Connection: 1/2", 3/4" or 1" FNPT

Exterior Body Finish: Red Urethane: Standard/High Temp Models; Green Urethane: NH₃ Models;

Body Exterior Finish: Gray Urethane

Regulator Spring: Steel / Stainless Steel

Stem Guide/Disk Holder: Stainless Steel

Diaphragm: Fabric Reinforced Nitrile (NBR) for standard, FKM for High Temp., NBR with PTFE for NH₃

Bonnet/Body Material: Die Cast Aluminum

Vent: Non-Relieving

Listings: UL LISTED / UL 252

Part No.	Service	Inlet & Outlet Connections	Recommended Delivery Pressure Range (PSIG)	Capacity determined @ set pressure of PSIG*	Flow Capacity**
MEGR-1584VN	LP-Gas	1/2" FNPT	3-30	20	11,000,000 BTU/hr. LPG
MEGR-1584VL			25-50	30	14,500,000 BTU/hr. LPG
MEGR-1584VH			45-125	60	16,000,000 BTU/hr. LPG
MEGR-H1584VN			3-30	20	11,000,000 BTU/hr. LPG
MEGR-H1584VL			25-30	30	14,500,000 BTU/hr. LPG
MEGR-AA1584VW			NH ₃	1/2" FNPT	3-25
MEGR-AA1584VL	20-50	30			9,000 CFH NH ₃
MEGR-AA1584NH	45-125	60			10,500 CFH NH ₃
MEGR-1586VN/6	LP-Gas	3/4" FNPT	3-30	20	15,000,000 BTU/hr. LPG
MEGR-1586VL/6			25-50	30	16,300,000 BTU/hr. LPG
MEGR-1586VH/6			45-125	60	16,300,000 BTU/hr. LPG
MEGR-H1586VN/6			3-30	20	15,000,000 BTU/hr. LPG
MEGR-H1586VL/6			25-50	30	16,300,000 BTU/hr. LPG
MEGR-AA1586VW/6			NH ₃	3/4" FNPT	3-25
MEGR-AA1586VL/6	20-50	30			10,500 CFH NH ₃
MEGR-AA1586VH/6	45-125	60			11,000 CFH NH ₃
MEGR-1586VN/8	LP-Gas	1" FNPT	3-30	20	15,000,000 BTU/hr. LPG
MEGR-1586VL/8			25-50	30	16,300,000 BTU/hr. LPG
MEGR-1586VH/8			45-125	60	16,300,000 BTU/hr. LPG
MEGR-H1586VN/8			3-30	20	15,000,000 BTU/hr. LPG
MEGR-H1586VL/8			25-50	30	16,300,000 BTU/hr. LPG

* Set pressure is established with 100 PSIG inlet pressure and a flow of 500,000 BTU/hr. propane for LPG service and 180 CFH NH₃

** Capacity determined at 100 PSIG inlet, set pressure note on chart at 20% droop