

Product Overview

MAHER™ AFR476 is a downstream pressure regulator, pilot controlled, for medium and high pressure applications.

It is particularly suitable for use within the framework of installations for the distribution of natural gas, as well as for supply networks for civil and industrial use.

The accuracy of the regulated pressure, the high range ability ratio, together with the fast adaption to changes in the operating conditions, even in the presence of abrupt changes in the flow rate, makes the Regulator AFR476 particularly suitable for uses in gas supply installation of electric power generation stations.

The AFR476 regulator is classified according to the European standard EN334, as a regulator which reacts in closure (Fail to Close).

AFR476 is the axial regulator of MAHER, with an increased capacity to allow greater flow rates compared to the other types of regulators of the same size.

Features

- Bolted construction
- Fully serviceable
- Diaphragm sensing
- Pilot regulator
- Fast action
- High flow capacity

Specifications

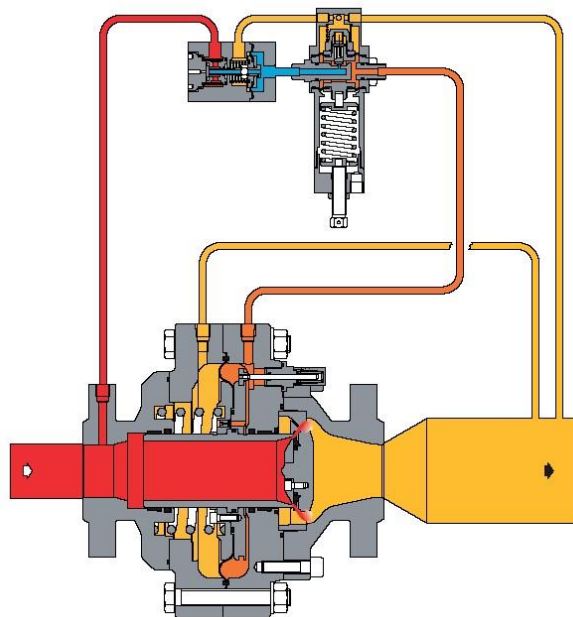
The Specifications section lists the general specifications. The following information is stamped on the body of the equipment: Flange Size and facing, Setting Pressure, Body Material, Orifice size and manufacturer's data.

Item	Specification	Description
1	Connection Flange Size(NPS)	2,4,6,8,10
2	Flange Facing(ASNI B16.5)	300, 600 – RF or RTJ
3	Pressure Setting(bar)	2 to 74
4	Inlet Pressure(bar)	Up to 102
5	Operational Temperature(C)	-20 to 80
6	Body Material	SA105
7	Trim Material	304 Stainless steel, 316 Stainless steel
9	Diaphragm Material	NBR, FKM, EPDM
10	O-Ring Material	NBR, FKM, EPDM
11	Packaging	Wooden Box

- Custom design specifications including flange size, setting pressure and material Acc. To Request could be manufactured.

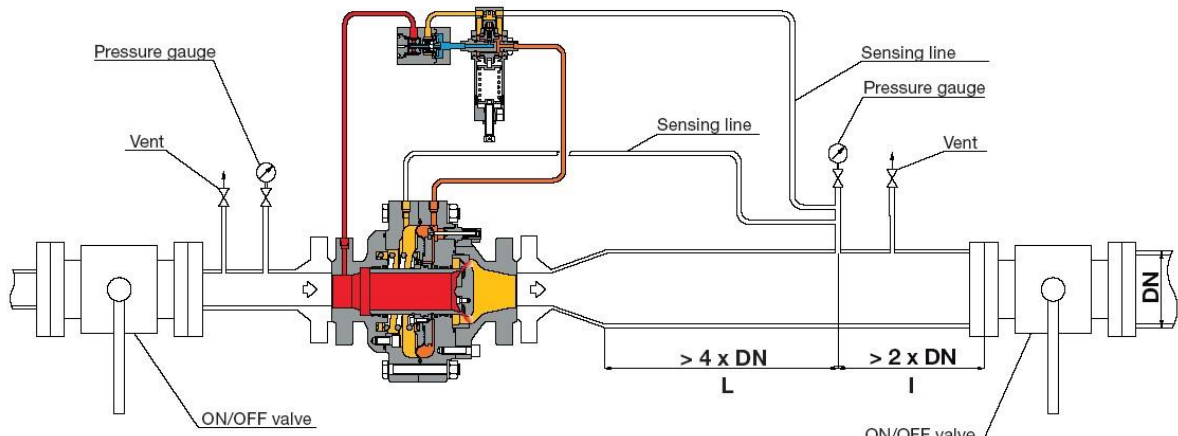
Product Description

The AFR476 consists two main parts: main body and piloting system. The operation of piston in main body is assured by a piloting system consisting, as basic option, of two separate devices: the **Preregulator** and the **Pilot**.

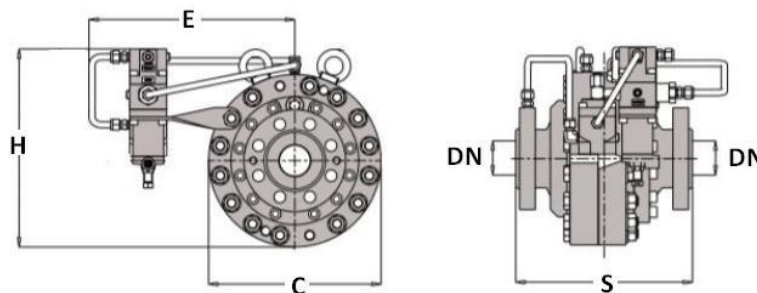


Typical Installation

The following example is provided as an installation recommendation to get the best performance from the regulator **AFR476**.



Overall Dimensions



NPS	ANSI 300				ANSI 300			
	S	C	E	H	S	C	E	H
2	266	287	350	337	266	287	350	337
4	394	480	446	530	394	480	446	530
6	508	610	511	660	508	610	511	660
8	569	653	533	703	610	653	533	703
10	708	785	560	835	752	785	560	835

نشانی: اصفهان - بلوار دانشگاه صنعتی اصفهان - شهرک علمی و تحقیقاتی اصفهان - پارک علم و فناوری شیخ بهایی - سوله

فکس: ۰۳۱۳۳۹۳۱۰۵۹

تلفن: ۰۳۱۳۳۹۳۱۰۶۰

شماره ۲۰ - شرکت پیشرو گاز ماهر

WWW.mahergas.com

info@mahergas.com