



บริษัท เอดีดี เฟอร์เนส จำกัด

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## 81 Series

### Type 81 HP



#### Technical Specifications

**Body And Cover:** Aluminium

**Diaphragm:** Reinforced

**Supplying Pressure:** 25-250 PSIG

**Cover Screws:** Stainless Steel

**Inlet Fitting Screws:** Stainless Steel

**Gas Type:** Propane

**Setting Point:** Inlet Pressure 100 PSIG, 350,000 BTU, Outlet Pressure 10 PSIG

**Provided Flows:** Flow based on Inlet Pressure 20 PSIG greater than Outlet with 20% drop (In accordance With UL144)

**Type 81HP** L 7.67 x W 4.72 x H 9.33

Industrial

#### Product description

The 81 series direct operated regulators are designed for high-pressure service and for large loads like factories, office buildings, restaurants, etc. Their outlet pressure ranges from 5 to 20 psig.

High pressure regulators usually reduce tank pressure to an intermediate pressure for use by another regulator. They are also used for Final stage service on particular application (pounds to pounds).

Type 81 Hp regulator is an adjustable high pressure regulator with a wide range of outlet pressures. It can be equipped with a limited relief valve. Type 81 regulators are equipped with a 1/4" FNPT side outlet which is normally plugged and provides an opening for an outlet pressure gauge.

Type 81 regulators can be equipped with Viton trim.

Kosan+ 81 Series regulators have a temperature rating of -40°F to + 180°F (-40°C to 82°C)

#### 81HP Configuration

Type	Capacity BTU\HR	Orifice Size	Inlet & Outlet connections	Outlet pressure range	Outlet pressure setting
<b>812HP - 03 (81-1-290-0003)</b>	6,100,000	3/8"	3/4" NPT	5-20 PSIG	10 PSIG
<b>812HP - 04 (81-1-290-0004)</b>	10,700,000	1/2"			
<b>812HP - 01 (81-1-290-0001)</b>	10,700,000		1" NPT		
<b>812HP - 02 <sup>2</sup> (81-1-290-0002)</b>	10,700,000		3/4" NPT		
<b>811HP - 02 <sup>3</sup> (81-1-190-0002)</b>	10,700,000		1" NPT		
<b>811HP - 01 <sup>3</sup> (81-1-190-0001)</b>	10,700,000		3/4" NPT		
<b>818HP - 11 <sup>1</sup> (81-1-890-0011)</b>	6,100,000	3/8"	3/4" NPT		
<b>812HP - 05 (81-1-290-0005)</b>	10,700,000	1/2"	2" NPT	5-20 PSIG	10 PSIG

<sup>1</sup> = Has Internal Relief

<sup>2</sup> = Fluorocarbon Trim (GLT Viton)

<sup>3</sup> = w/monitoring