Specifications

Item	Specification	
Type	Propane air mixer	
Model	PA-4	
Capacity	4 m^3/h (normal) (Propane air mixed gas)	
Feeder gas requirement	Composition	LP gas containing 95% or more propane gas (20% or more liquid LP gas should be left in each cylinder)
	Pressure	1.5 ~ 15.6 bar
Outlet pressure		15 ~ 25 mbar
First stage regulator	Outlet pressure	0.85 ~ 1.05 bar
	Capacity	5 kg/h (LPG)
Venturi mixer	Nozzle pressure	0.8 ~ 1.0 bar
	Nozzle diameter	ϕ 1.85±0.01 mm
	Throat diameter	ϕ 2.85±0.005 mm
	Area ratio	2.373 (2.340 ~ 2.408)
Working pressure of open-close valve controller	Pressure of injection start	50 ~ 70 mbar
	Pressure of injection stop	140 ~ 160 mbar
Actuating pressure of safety valve	Shut-off pressure of abnormal negative pressure −15±5.0 mbar Shut-off pressure of over pressure 1.5±0.2 bar Shut-off pressure of under pressure 0.5±0.2 bar Shut-off pressure of over pressure of cushion tank 230±30 mbar	
Mixed gas	Total calorific value	58.6 MJ/m^3 (normal)
	Accepted range	56.30 ~ 59.95 MJ/m^3 (normal)

Leakage test	From inlet connection to inlet of first stage regulator 18 bar From outlet of first stage regulator to inlet of second stage regulator 2.0 bar At cover parts of shut-off valve 300 mbar At outlet of second stage regulator 42 mbar
Hydrostatic test	From inlet connection to inlet of first stage regulator 24 bar From outlet of first stage regulator to inlet of second stage regulator 3.0 bar At cover parts of shut-off valve 400 mbar At outlet of second stage regulator 42 mbar
Inlet connection	POL G5/8 L.H.（22.5 L.W.）
Outlet connection	Rc 3/4
External dimension	Width 610× Depth 390 × Height 687 mm
Cushion tank	Inner volume Approx. 0.02 m^3
Working temperature range	－15 ~ 40 ℃
Product weight	Approx. 25 kg

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