cavagna group
Wherever gas is used, we are there

Kosan+ Guardian

Second Stage Regulators
With Incorporated Dielectric Union

Type 988LP Compact



988LP-24
988LP-37



Back Mount
988LP-36

Type 998LP



998LP-31
998LP-32
998LP-35
998LP-39
998LP-40
998LP-41[1]



Angle Body
998LP-35



Back Mount
998LP-33
998LP-34
998LP-42[1]
998LP-82 NEW!

Product description

The KOSAN+ Guardian regulators incorporate a dielectric insulation. This regulator is an all in one solution and there is no need for separate dielectric unions. The Guardian reduces installation costs and time as well as potential leak points.
The second stage regulator reduces the pressure (10-5 psi) coming from a fi rst stage regulator directly to the inlet pressure (11" W.C.) of the user appliance.
Therefore Type 988 LP compact regulators and the 998 LP regulators are designed for Type A installations, found in the installation section. They have to be used outdoors in correct mounting position with venthole turned downwards. In the standard version these regulators are delivered with vent-hole in line with the inlet fitting.

Technical Specifications

Type 998LP: L 7.055 x W 5.657 x H 4.964" - Weight: 57.50 oz
Type 998TP: L 7.055 x W 5.657 x H 4.964" - Weight: 57.50 oz

In accordance with NFPA 58 (2020 edition)

§ 6.11.3.17 Underground metallic piping, tubing, or both which convey LPG from a gas storage container shall be provided with dielectric fittings at the building to electrically isolate it from the aboveground portion of the fixed piping system that enters a building. Such dielectric fitting shall be installed above ground and outdoors.

Kosan+ Guardian Configurations

Type (Part number)	Capacities in BTU\hr propane	Inlet connection, inches	Outlet connection, inches	Outlet pressure range, inches W.C.	Outlet pressure setting, inches W.C.
988LP - 37 (98-1-890-0037)	500,000	1/2" NPT	1/2" NPT	9 to 13	11
988LP - 36 (98-1-890-0036)	650,000		3/4" NPT 90°		
988LP - 24 (98-1-890-0024)	800,000		1/2" NPT		
998LP - 39 (99-1-890-0039)		1/2" NPT	1/2" NPT	9 to 13	11
998LP - 40 (99-1-890-0040)	1,000,000				
998LP - 41 [1] (99-1-890-0041)	1,400,000		3/4" NPT		
998LP - 31 (99-1-890-0031)					
998LP - 32 (99-1-890-0032)		3/4" NPT			
998LP - 35 (99-1-890-0035)	920,000		3/4" NPT LAT		
998LP - 33 (99-1-890-0033)	1,000,000	1/2" NPT	3/4" NPT 90°		
998LP - 42 [1] (99-1-890-0042)		3/4" NPT			
998LP - 34 (99-1-890-0034)					
998LP - 82 (99-1-890-0082)	100.000	1/2" Male Flare			

[1] Vent-hole in line with the outlet fitting.