

IMW Industries Ltd. is a North American company located in Canada with over 100 years of manufacturing experience. In 1912, IMW started as a Blacksmith shop in Chilliwack, BC and was named Ironsides Machining & Welding, marking the beginning of IMW's journey. As a leading manufacturer of Natural Gas Compression Systems in the alternative energy industry, IMW has supplied over 3,000 compression units worldwide in Midstream, Industrial and Distribution markets since 1984.

PRODUCT OVERVIEW



CleanPRS provides reliable and continuous gas supply in a compact design. The CleanPRS features a well controlled outlet pressure and temperature gas supply suitable for any application.

DATASHEET

DATA	UNIT OF MEASURE	VALUES
MODEL	-	PRS-2000
DESIGN INLET PRESSURE	bar (psi)	310 (4,500)
GAS INLET TEMP.	°C (°F)	-46/+50 (-50/+122)
DESIGN OUTLET PRESSURE	bar (psi)	1.6 ÷ 13.8 (25 ÷ 200). Higher pressures available upon request
GAS OUTLET TEMP. RANGE	°C (°F)	0 +/- 10 (50 +/- 18). Other ranges available upon request
FLOWRATE RANGE	Sm ³ /h (SCFM)	0 ÷ 2,000 (0 ÷ 1,245). Higher flows available upon request
GAS HEATING	-	Natural gas combustion boiler
PRESSURE REGULATION	No. stages	2
DIMENSIONS (LXWXH)	Meters (feets)	PRM: 2.35x0.97x3.23 (7.5x3.2x10.6) HCM: 1.72x1.42x1.95 (5.6x4.7x6.4)
ELECTRICAL CLASSIF.	-	PRM: C1D2; HCM: non-hazardous
CODE COMPLIANCE	-	ANSI, ASME, NFPA, UL, CSA

BENEFITS



HIGH EFFICIENCY WITH LOW OPEX AND CAPEX

CleanPRS is featured by an economical, compact, safe and highly efficient design for safe natural gas pressure reduction; the heating system, optimized to allow optimal pressure and flow transitions using natural gas as heating fuel, allows lower energy consumption per cubic meter/foot, resulting in reduced customer-side operating costs (TCO).



COMPACT SCALE & CONVENIENCE

With smaller sizing, space constraints are no longer an issue. In addition, its standard components simplify the maintenance.



ADVANCED HEATING CONTROL

Active heating system allows flexible and controllable heating supply while maintaining efficiency.