

# TrailerdecantCNG SOLUTION



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



IMW's TrailerdecantCNG offers a superior high-performance solution for high-flow efficiency requirements of industrial gas trailer offloading applications, such as Virtual Pipeline (VPL) daughter stations, and ensures maximum offloading.

## DATASHEET

DATA	UNIT OF MEASURE	VALUES
MODEL	-	TrailerdecantCNG
DESIGN INLET PRESSURE	bar (psi)	310 (4,500)
GAS INLET TEMP.	°C (°F)	-50/+65 (-58/+150)
DESIGN OUTLET PRESSURE	bar (psi)	310 (4,500)
GAS OUTLET TEMP. RANGE	°C (°F)	-50/+65 (-58/+150)
FLOWRATE RANGE	Sm <sup>3</sup> /h (SCFM)	0 ÷ 4,000 (0 ÷ 2,489). Higher flows available upon request
GAS HEATING	-	N/A
PRESSURE REGULATION	No. stages	N/A
DIMENSIONS (LxWxH)	Meters (feets)	1.12x0.53x3.23 (3.9x1.7x10.6)
ELECTRICAL CLASSIF.	-	C1D2
CODE COMPLIANCE	-	ANSI, ASME, NFPA, UL, CSA

## BENEFITS



### PERFORMANCE

The TrailerdecantCNG performance is achieved by managing decanting efficiency, flow rates and ensuring pressure drop is maintained throughout decant cycle: this is achieved with detailed attention to system sizing, back pressures, temperature and pressure drop.



### CONTROL & SAFETY

The design protects users and equipment from hazards of decanting large volumes of high-pressure gas including sub-freezing gas temperatures, automatic low and high gas temperature shutdowns, drive-away safety, trailer identification, remote & delayed valve opening for operator safety.



### INTEGRATION & AUTOMATION

With onboard PLC options it automatically runs upon user authorization and integrates with site for site wide shutdown if emergency situations are detected.



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