

PRMS PRODUCT PORTFOLIO

SAFE is an Italian key player in compression and decompression infrastructure technology. Since 1975 it develops and produces mechanical and hydraulic compressors for biomethane and natural gas in Upstream, Midstream Industrial and Distribution markets.

HIGH LEVEL DESCRIPTION



Suitable for industrial users as well as for CNG/RNG refueling stations (especially at daughter stations during gas cylinder trailers offloading activities), it provides non-stop gas supply.

PRMS DATASHEET

DATA	UNIT OF MEASURE	VALUES
MODEL	-	Dry natural gas
SUCTION PRESSURE	Bar (psi)	10 ÷ 275 (145 ÷ 3,988)
INLET TEMPERATURE	°C (°F)	-20/+55 (-4/131)
DISCHARGE PRESSURE	Bar (psi)	1 ÷ 70 (14.5 ÷ 1,015)
OUTLET TEMPERATURE	°C (°F)	0/+40 (32/+104)
FLOWRATE	Scm/h (SCFM)	5,000 ÷ 9,000 (2,950 ÷ 5,310)
MAX DEW POINT	°C (°F)	-45 (-49)
GAS HEATING	-	Natural gas combustion boiler
PRESSURE REGULATION	No. stages	Up to 2
CERTIFICATIONS	-	EC - EAC - US

BENEFITS



HIGH PERFORMANCES AND FLEXIBILITY

Designed to work in a wide range of pressures, PRMS1200 is able to reduce gas pressure up to 1 bar thanks to a system of by-pass valves allowing the direct flow of gas from the first to the second stage of pressure reduction.



FOOTPRINT

PRMS1200 together with boiler and electrical control panel is installed in a dedicated steel-made weather and soundproof cab.



FAST INSTALLATION

Anchor points installed on cab's foundations together with all wiring connections performed before shipping, allow fast and easy installation at Customer site.

COMPANY HISTORY

1975	SAFE is founded
1979	Production of the first HYDRAULIC Compressor
1988	Production of the first MECHANICAL mechanical compressor
1992	Production of the first Oil & Gas Package
2008	Production of the first Mobile Refuelling Unit (MRU)
2010	Production of the first Biomethane solution
2011	SAFE moves to the new HQ in San Giovanni in Persiceto (BO) - ITALY
2017	SAFE&CEC is established through the Agreement between Landi Renzo and Clean Energy Fuels
2022	Idro Meccanica joins SAFE to foster H2 Market. Launch of the first HYDROGEN DISPENSER for filling stations fully designed and produced in-house

COMPANY SQM

ENTIRE PREMISES

27,000

PRODUCTION FACILITY

11,500

OFFICES & SERVICES

2,950

OTHER (parking)

12,550