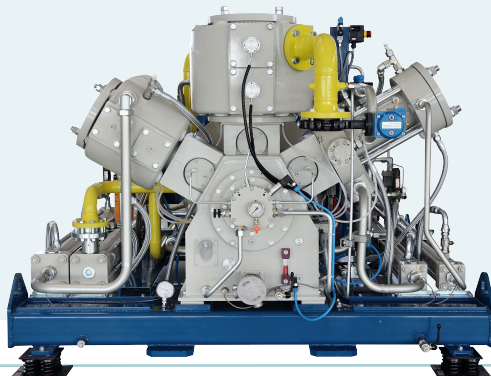


SERIES SV/SW MECHANICAL COMPRESSORS

COMPRESSORS PHYSICAL DESCRIPTION

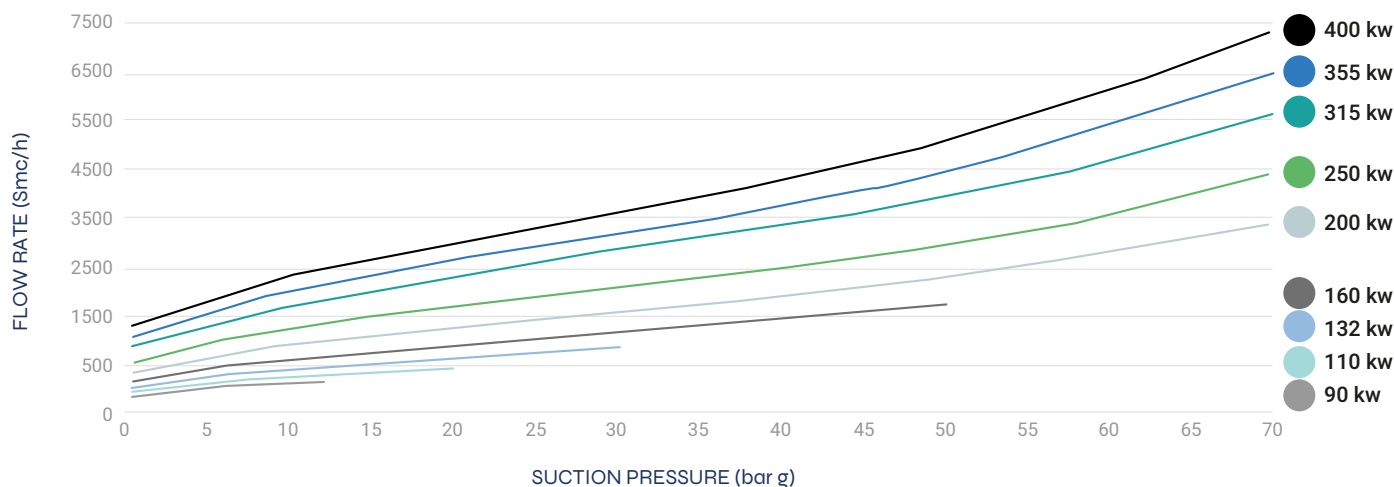


Large size Mechanical compressors equipped with 2 or 3 cylinders positioned at 60°. They are the largest compression units produced by SAFE and can operate in a wide range of suction pressures. They are suitable for all application where high suction pressure is required.

Datasheet (table)

DATA	UNIT OF MEASURE	VALUES
MODELS	-	C90, C110
CYLINDER	No.	2 ÷ 3
STAGES	No.	1 ÷ 4
SUCTION PRESSURE	bar (psi)	0.3 ÷ 70 (4 ÷ 1,015)
DISCHARGE PRESSURE	bar (psi)	Up to 300 (4,350)
MAX FLOW-RATE	Scm/hr (SCFM)	7,000 (4,130)
POWER	kW (Hp)	55 ÷ 400 (100 ÷ 540)
SPEED	rpm	750 ÷ 1,500
MAINTENANCE PLAN	hours	4,000 in CNG; 8,000 in RNG*
GAS HANDLED	-	NG, RNG
CYLINDER FEATURES	-	Water cooled, non-lubricated
LUBRICATION SYSTEM	-	Crankcase forced lubrication system
OIL CONSUMPTION	Liters	2 over 100 hours of operation
GAS LEAKAGES	-	OIL-FREE CONFIGURATION available as standard
CERTIFICATIONS	-	0.1% of the rated capacity EC/EAC - US

Performance graph



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