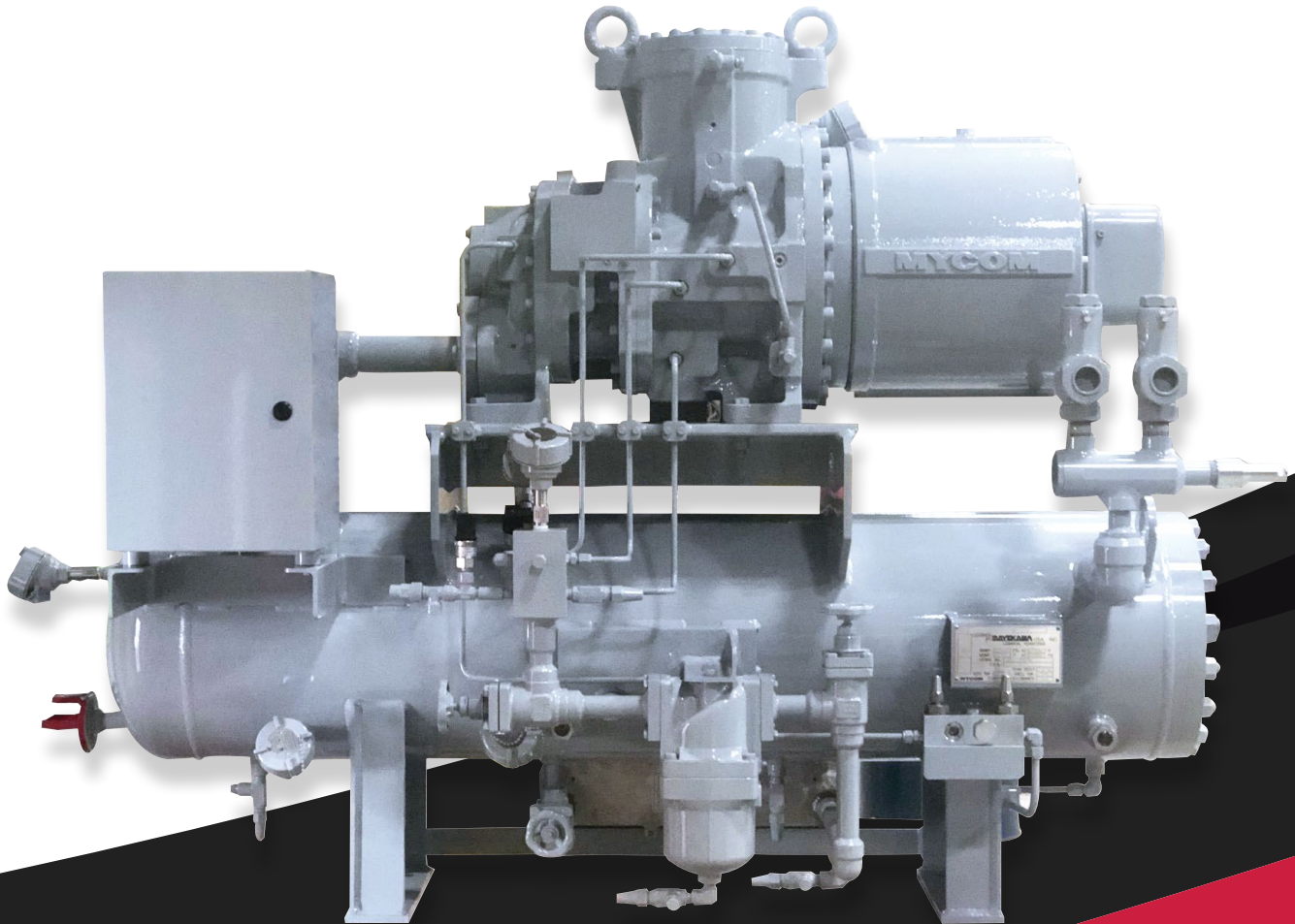


SEMI-HERMETIC

Series

Screw Compressor

MAYEKAWA
MYCOM



**Compact Single Stage
Screw Compressor**

<https://mayekawa.com/americas.mna>

Semi-Hermetic Screw Compressor

65H140S New semi-hermetic compact, single stage screw compressor

EFFICIENT, LOW MAINTENANCE & SAFE

- Natural refrigerant (Ammonia)
- MYCOM's own IPM (Interior Permanent Magnet) motor for high performance
- VFD control for high-efficiency capacity control
- No seal, no leak

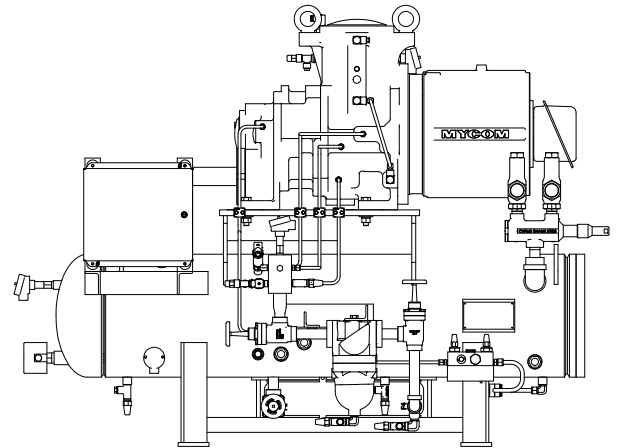
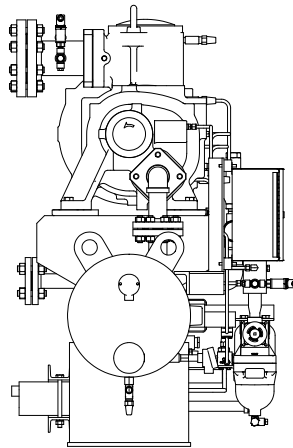
COMPRESSOR FEATURES

- Efficient rotor lobe design (5x6 lobes)
- Optimized rotor clearance
- IPM motor with water cooling jacket
- Balance piston and high load capacity bearings
- VFD capacity control

MAIN APPLICATIONS

- Factory air conditioning
- Chiller unit for food plants
- Ice arenas

	65H140S
Refrigerant	Ammonia
Rotor dimension	140mm
Rotor profile	J profile (5x6)
Design pressure	2.6 MPag (377PSIG)
Displacement @ 4,500rpm	343 m ³ /h (202CFM)
RPM	3,000 - 4,500rpm
Suction/discharge size	4/2.5 inch
IPM motor capacity	65 kW (87 HP)
Capacity control	VFD



Capacity @4,500RPM

Temperature [C/F]	-10/14	-5/23	0/32	5/41
kW/TR	225/64	275/78	335/95	410/117

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