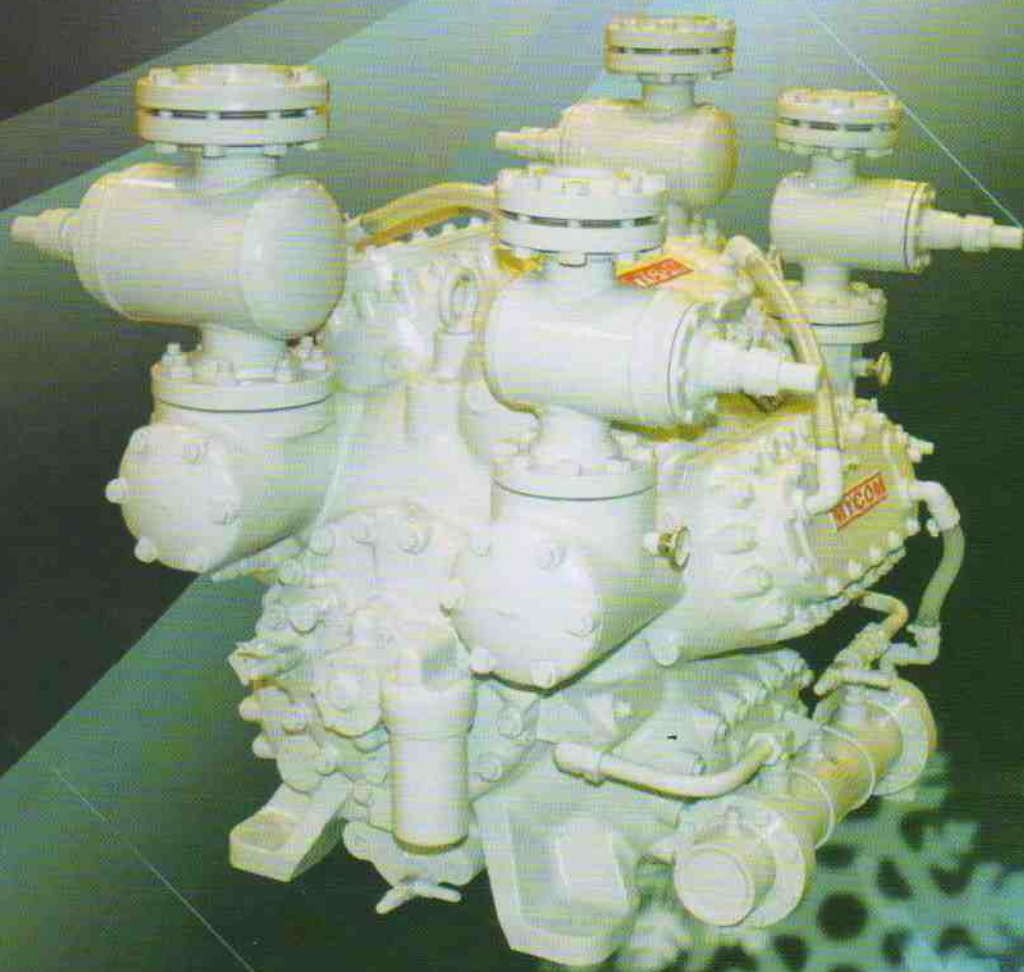


M
SERIES



High Efficiency Compressor Unit
for Fluorocarbon-free refrigerant

The New **MYCOM**
M-Series.

MAYEKAWA

*A Revolutionary Compressor
with The World's*
BEST C.O.P.

M-series compressors were designed using computer simulations and component tests by Mayekawa's state-of-the-art facilities.

Wide Range Applications

To answer various applications, Mayekawa has applied advanced technology and expanded operating ranges.

Compact design

With the same performance, the compact design is equivalent to the space of two compressors.

Mayekawa means

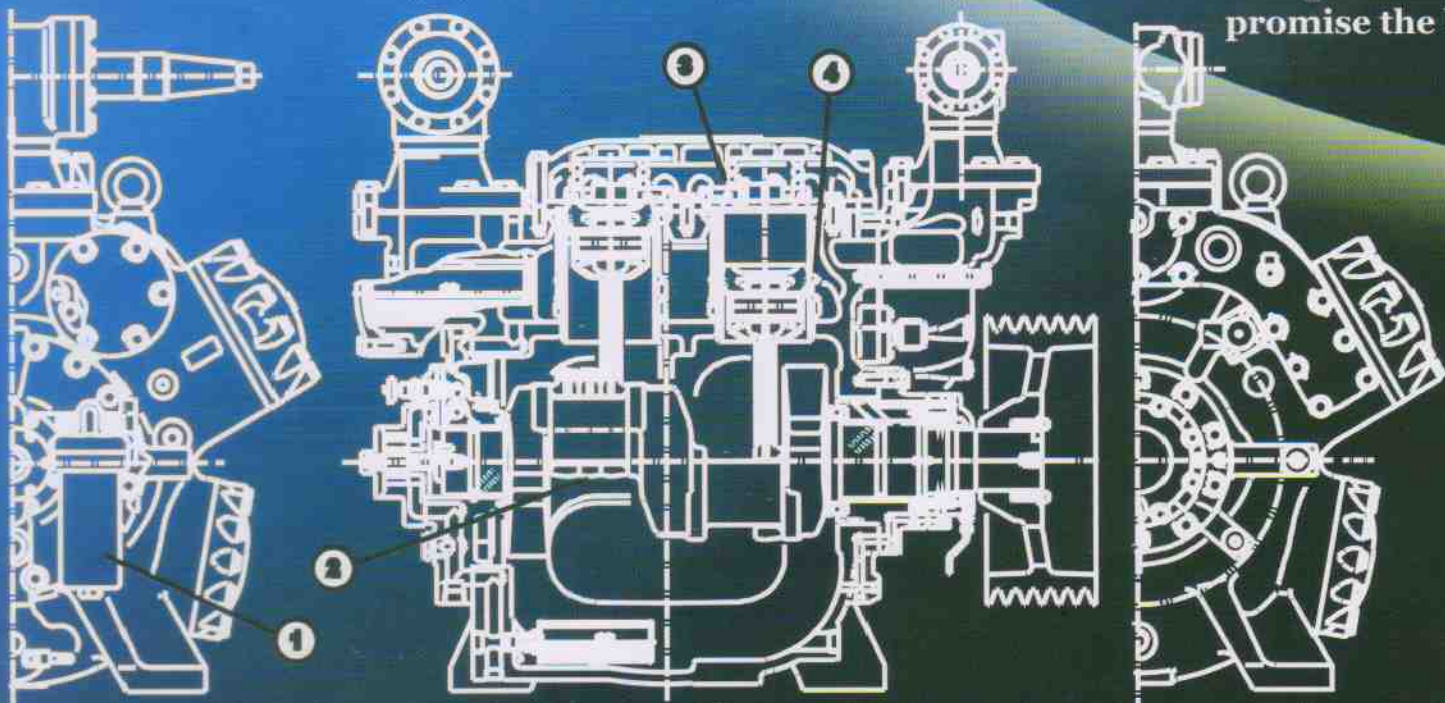
High-quality, high-performance Compressors manufactured to promise the best quality.

Reduce
limit.

Reduce
complete
refrigerant
using the

Realize
discharge
pressure
action.

1. High
2. Alm
3. Wav
4. Low



P.

igned based on many
onment development
-art R&D team.

Application

Application demands of today,
ied flexible design concept
ating conditions.

Not Built Tough

same size as a 6WB, a 6M can offer the
nce of an 8WB. The performance of 8M
ent to that of 12WB. Utilize the limited
he machine room wisely with M-series
ors.

is Premium Quality

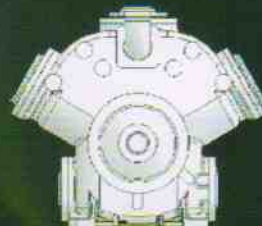
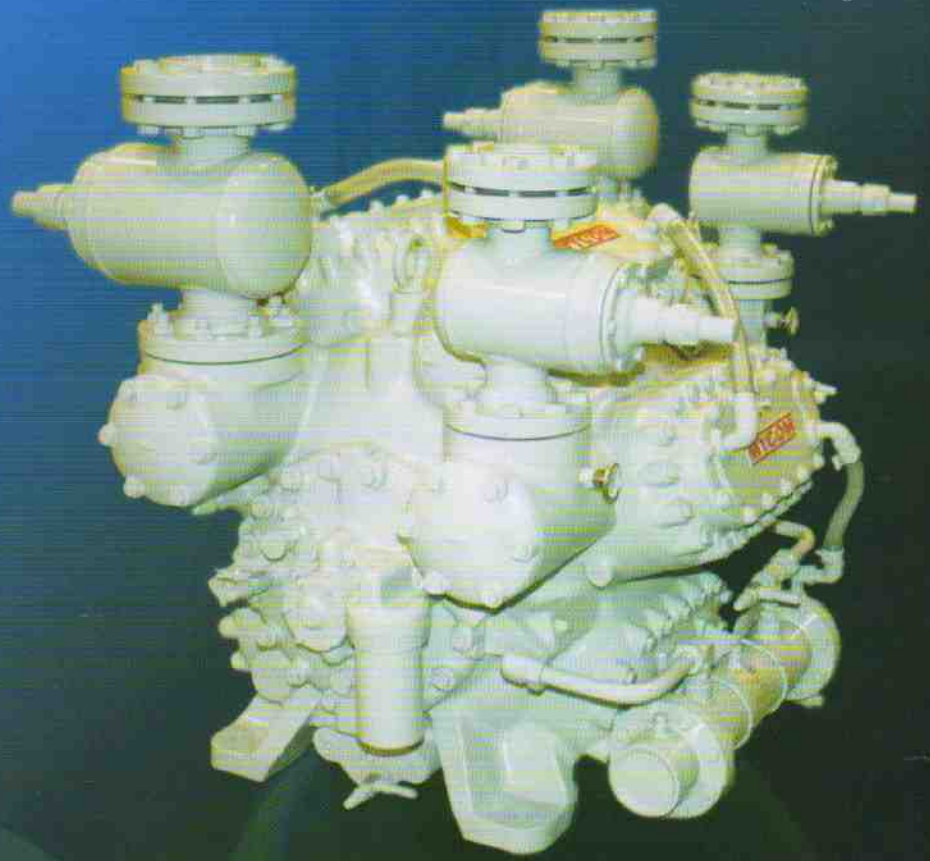
recision.
Manufactured in the world's most advanced factory
ality and the best efficiency.

ed mechanical frictional loss to the utmost

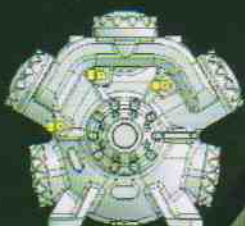
ed thermal and frictional loss of the gas by
etely analysing the heat transfer and
rants flow ocured in the compressor
he heat-fluid simulation.

ed optimum design for the suction &
rge plate valve portions and for the internal
re of the cylinder sleeves using the valve-
simulation.

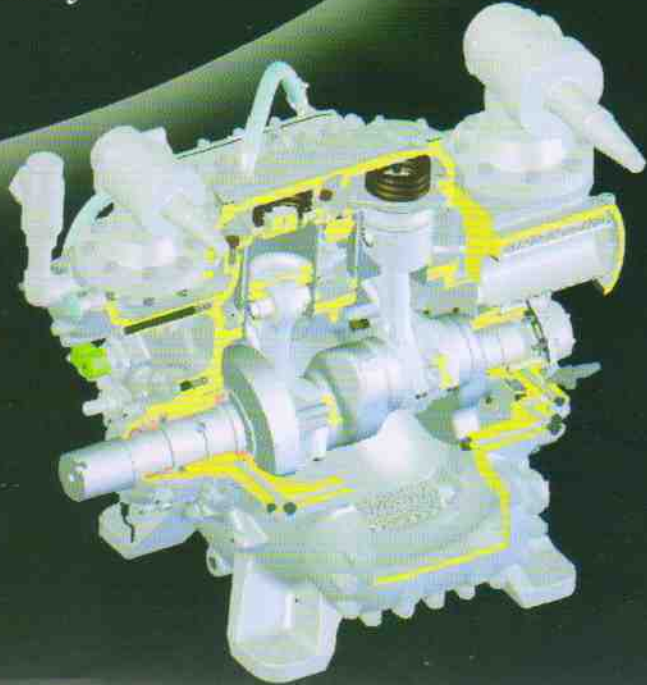
- h-Efficiency Oil Filter
- inium Bearings
- re Spring
- y Friction Piston Rings



6WB



6M



M-Series



SPECIFICATIONS

STANDARD FEATURES

- Capacity control solenoid valve
- Discharge side thermometer
- Suction side thermometer
- Service Tools
- Head cover (only for water-cooled)
- Oil Filter
- Gasket (non-asbestos)

POSSIBLE OPTIONS

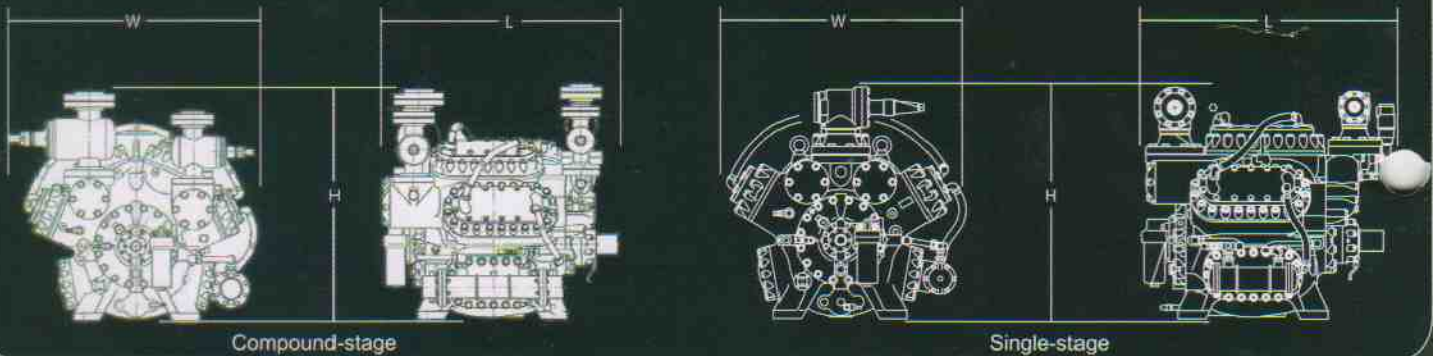
- Suction shut-off valve
- Discharge shut-off valve
- Oil cooler
- Flywheel
- Safety valve
- Oil heater with thermo-switch

*Some options may not be available in your area.

MODEL		4M	6M	8M	62M
Refrigerant		Ammonia			
Cylinder Diameter (mm)		146			
Stroke (mm)		106			
Number of Cylinders		4	6	8	Low 6/High 2
Revolution (rpm)		900 ~ 1500			
Displacement (m ³ /h)	970 rpm	413.1	619.7	826.3	619.7/206.6
	1170 rpm	498.3	747.5	996.6	747.5/249.2
	1450 rpm	617.6	926.3	1235.1	926.3/308.8
Driving Methods		Direct or Belt Drive			
Flywheels		8V x 4 or 5 or 6 (P. C. D. 475)			
Volume Control	Load (%)	50, 100	33, 66, 100	25, 50, 75, 100	33, 66, 100
	Method	Hydraulic Solenoid Valve			
	Voltage	110V or 220V			
Refrigerant Oil		SUNISO 3GS, ISO-VG46, ISO-VG68, REFLO 68A			

*Informations shown here are for reference only. Subject to change without notice.

OUTER DIMENSIONS



Compound-stage

Single-stage

MODELS	W	L	H
4M	1019	1211	1103
6M	1147	1247	1120
8M	1191	1259	1191
62M	1283	1202	1176

*Measurements are in [mm]. Information shown here is for reference only. Subject to change without notice.

MAYEKAWA
MYCOM

Natural Is What We Design for

For further information, please contact the nearest Mayekawa office.

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<http://www.mayekawa.com>