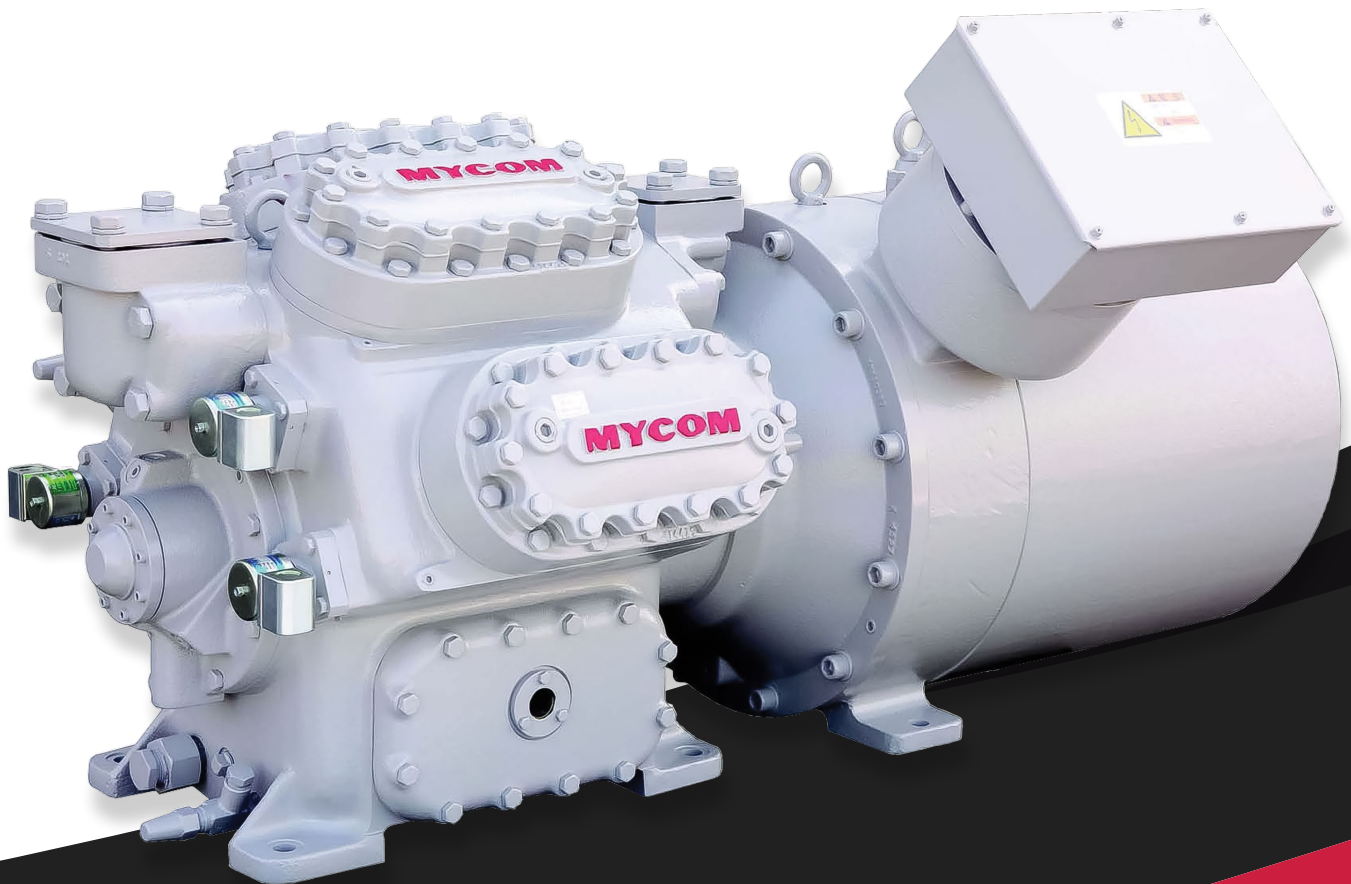


KHM

MAYEKAWA
MYCOM

Series



Ammonia Semi-hermetic Reciprocating Compressor

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

KHM

Series

K-Series Reciprocating Compressor

Ammonia Semi-hermetic Reciprocating Compressor

SEMI-HERMETIC OPERATION

Utilizing Mayekawa's propriety ammonia refrigerant motor and integrating it with our K-Series compressor, we can provide a reciprocating compressor with semi-hermetic operation.

LEAK FREE SHAFT SEAL

The advantage of a semi-hermetic motor is we are able to eliminate potential refrigerant leaks from the compressor shaft seal.

SPACE SAVING

The compressor and motor are integrated to save space. Designed for easy installation even in limited space.

HIGH EFFICIENCY

Using a completely water-cooled system, stable operation can be achieved without being affected by the ambient conditions.

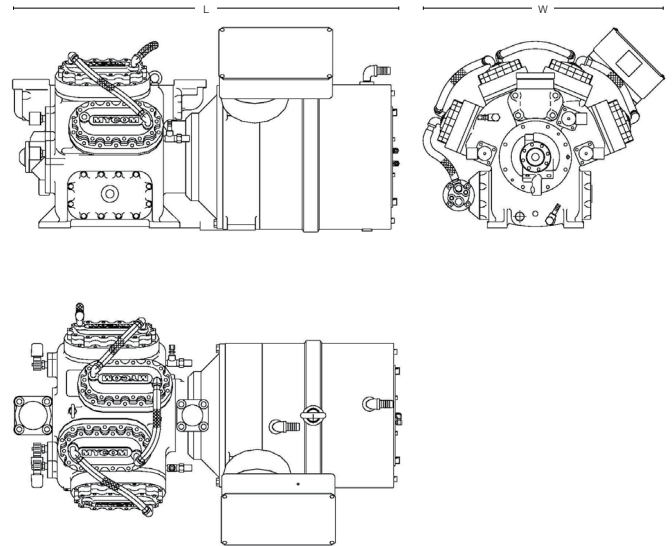
Providing all the benefits of our K-Series compressor, and designed for exclusive use with ammonia, the KHM-Series is a competitive option that lowers operation and maintenance costs in both industrial and commercial applications.

DIMENSIONS & SPECIFICATIONS

Dimensions are for reference only. Please contact MYCOM for more detailed drawings.

	N4KHM22 / N4KHM30	N6KHM30 / N6KHM45	N8KHM45 / N8KHM60	N62KHM30
Number of cylinders	4	6	8	6 / 2
Bore x Stroke in.	3.35 x 2.55			
Swept volume CFM at 1750 RPM	91	137	182	113*
RPM	900 to 1800			900 to 1500*
Capacity control %	100/50	100/66/33	100/75/50/25	100/66/33
Rating output kW	22 / 30	30 / 45	45 / 60	30
Number of poles	4P			
Cooling method	Water cooling outside of the motor casing			
Design pressure PSI	High pressure: 377 / Low pressure: 217			
Product mass lbs	1477	1587 / 1763	1940 / 2160	1851
Capacities				
+32/+95 °F TR	38.8	58.2	77.6	-
+5/+95 °F TR	17.8	26.6	35.5	27.3
-13/+95 °F TR	-	-	-	17.6
Outer dimensions				
L in.	47	48 / 51	53 / 54	49
W in.	31	31	32	35
H in.	26	26	26 / 28	29

*N62KHM is only offered at 50 Hz (1450RPM)



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* The information contained herein is for reference only. Subject to change without notice.

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