

M

MAYEKAWA
MYCOM

Series Air Cooled

Reciprocating Compressor



M-Series
Air Cooled Type

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

M

Series Air Cooled

M-Series Air Cooled Type

A new air cooled ammonia compressor in our M-series product line

NEW DESIGN, HIGH PERFORMANCE

This newly designed compressor minimizes internal heating of the intake gas resulting in the highest level of performance in our product range.

IMPROVED OVERHAUL INTERVALS

The Air Cooled M-Series incorporates a new valve design with improved durability and dramatically extended overhaul intervals.

NO OIL COOLER

No oil cooler; therefore, no refrigerant or water is required for cooling.

WIDE RANGE OF PRESSURE CONDITIONS

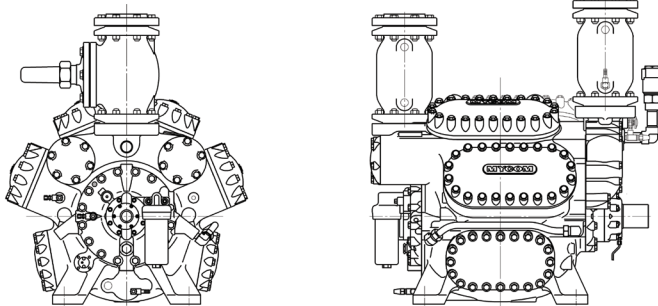
The components are designed for high pressure applications and a wide range of operating conditions. The Air Cooled M-Series can be used in demanding applications such as high pressure system heat pumps.

EASY MAINTENANCE

Hydraulic lines for the capacity control are incorporated into the casing design, allowing simplified package designs as well as easy replacement of consumable components.

DIMENSIONS & SPECIFICATIONS

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



Weight : kg [lbs], Length : mm [inch]

MODELS	WEIGHT	W	L	H
2M	675 [1,488]	715 [28]	1,070 [42]	890 [35]
4M	1,080 [2,380]	995 [39]	1,150 [45]	890 [35]
6M	1,310 [2,888]	1,065 [42]	1,165 [46]	920 [36]
8M	1,535 [3,384]	1,085 [43]	1,205 [47]	910 [36]

		2M	4M	6M	8M
Refrigerant		Ammonia			
Compressor type		Reciprocating, Open Type			
Number of cylinders		2	4	6	8
Bore	mm [inch]	146 [5.75]			
Stroke	mm [inch]	106 [4.17]			
Displacement ^{*1}	m ³ /h [cfm]	207 [122]	413 [243]	620 [365]	826 [486]
Speed with Ammonia	rpm	600 - 1,200 ^{*2}		660 - 1,200 ^{*2}	
Drive method		Direct drive / V-belt			
Capacity control	%	100 / 50	100 / 50	100 / 66 / 33	100 / 75 / 50 / 25

*1. Displacement @ 970rpm

*2. The range of rotation speed varies according to the operating conditions. Please refer to the ranges of use stated in the operating instructions

MAYEKAWA USA, INC.
<https://americas.mayekawa.com/mna>

Tel: +1 (832) 975-0975
24 Hr Service: +1 (800) 836-9266
Email: info@mayekawausa.com

MAYEKAWA CANADA, INC.
<https://americas.mayekawa.com/mna>

Vancouver: +1 (604) 270-1544
Calgary: +1 (403) 250-1554
Toronto: +1 (905) 564-0664