

L SERIES RECIPROCATING COMPRESSOR

Reciprocating Compressor / **Single Stage** Open Type

L SERIES



MYCOM

* Some optional items are included in this photo.

Compressor exclusively designed for ammonia refrigerant, adaptable to wide operating ranges

Reciprocating Compressor [Single Stage] Open Type L-SERIES

Applications

Developed for exclusive use with ammonia refrigerant, this series of compressors is suitable for refrigeration and freezing applications on land with smaller load requirement.

Space and Weight Saving Design

A 4-pole motor can be directly connected to the compressor. Hydraulic lines for capacity control are incorporated into the casing design, allowing simplified package designs and easy maintenance.

Covers a Wide Range of Loads

Delivers powerful performance with adaptability to wide operation ranges from 1000 to 1800 rpm.

Specifications

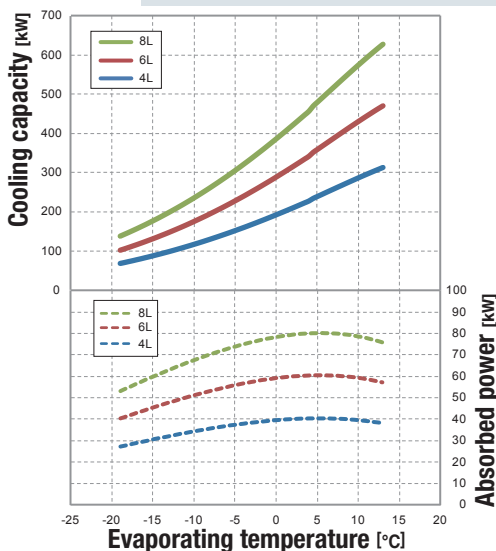
Item	Model ^{*1}	4L	6L	8L
Refrigerant		Ammonia		
Compressor type		Reciprocating, Open Type		
Number of cylinders		4	6	8
Bore	mm	115		
Stroke	mm	90		
Displacement ^{*2}	m ³ /h	218	326	435
Rotation speed	rpm	1000-1800		
Drive method		Direct drive / V-belt		
Capacity control	%	100/50	100/66/33	100/75/50/25

* 1. Specify the refrigerant by adding a prefix "N" for Ammonia to the type code. * 2. Displacement at 970 rpm.

Performance charts

Ammonia

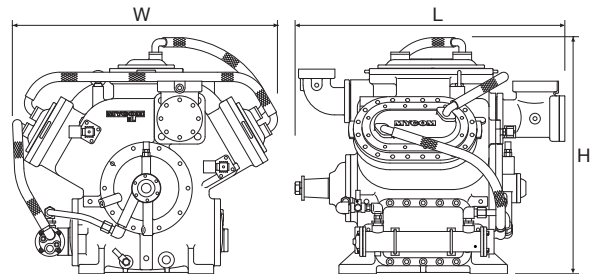
Condensing temperature: 40°C
Suction Superheat: 0°C
Rotation speed: 970rpm
Liquid Subcooling: 5°C



* Please consult us for further details.

Outer dimensions

[Water cooled type (Ammonia)]



Model (N)	Weight (kg)	W (mm)	L (mm)	H (mm)
4L	630	890	905	840
6L	750	1000	1010	885
8L	875	1060	1040	870

* The outer dimension drawings illustrate the 6-cylinder model.

* The stop valve, companion flange, flywheel, V-pulley, and safety valve are not included.

* The oil cooler is included.

The content of this pamphlet may change without advance notice due to improvements to the product.

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