

WA SERIES RECIPROCATING COMPRESSOR



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Reciprocating Compressor / **Single Stage** Open Type

WA SERIES



**MYCOM**

\* Some optional items are included in this photo.

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Suitable for a wide range of applications  
Long-selling model for small- to medium-scale facilities

# Reciprocating Compressor [Single Stage] Open Type WA-SERIES



\* Some optional items are included in this photo.

## Applications

With a high-pressure design suitable for use in air-cooled condensing units for fluorocarbon refrigerants, the model operates over a wide range of temperature and serves in small- to medium-scale refrigerating and freezing applications.

### [Usable refrigerants]

Natural refrigerants	Fluorocarbon refrigerants
Ammonia Propane	R134a R404A R507A R23

## High Reliability

A long-selling model with high reliability and track record, designed for tough applications subject to load fluctuation.

## Specifications

Item	Model* <sup>1</sup> (N/P/F)	4WA	6WA	8WA
Refrigerant		Ammonia / Propane / HFCs (R134a, R404A, R507A, R23* <sup>2</sup> )		
Compressor type		Reciprocating, Open Type		
Number of cylinders		4	6	8
Bore	mm	95		
Stroke	mm	76		
Displacement* <sup>3</sup>	m <sup>3</sup> /h	125	188	251
Rotation speed	rpm	800-1500* <sup>4</sup>		
Drive method		Direct drive / V-belt		
Capacity control	%	100/50	100/66/33	100/75/50/25

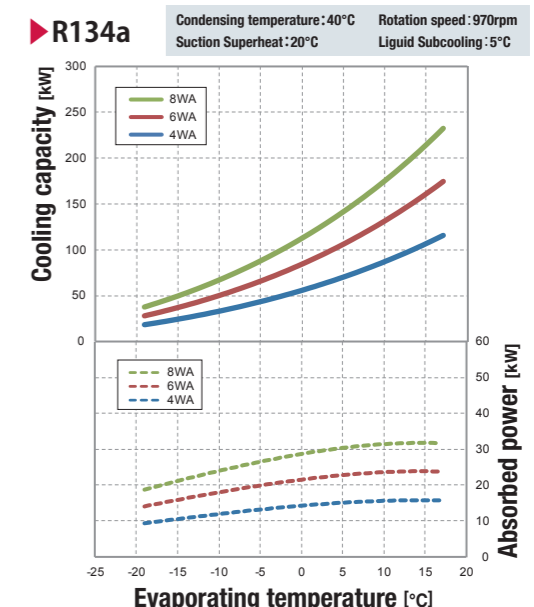
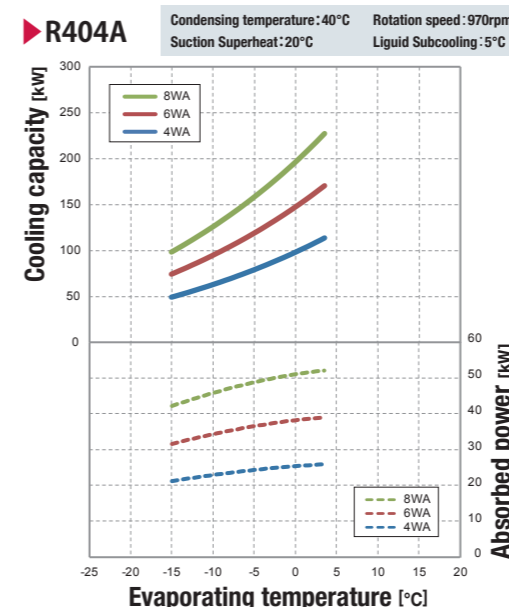
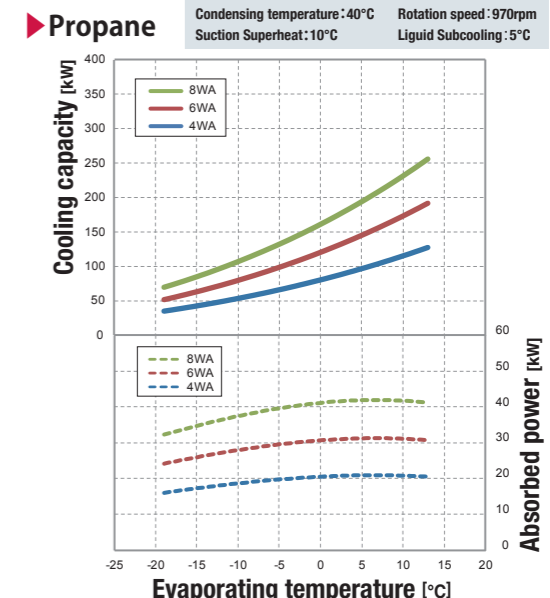
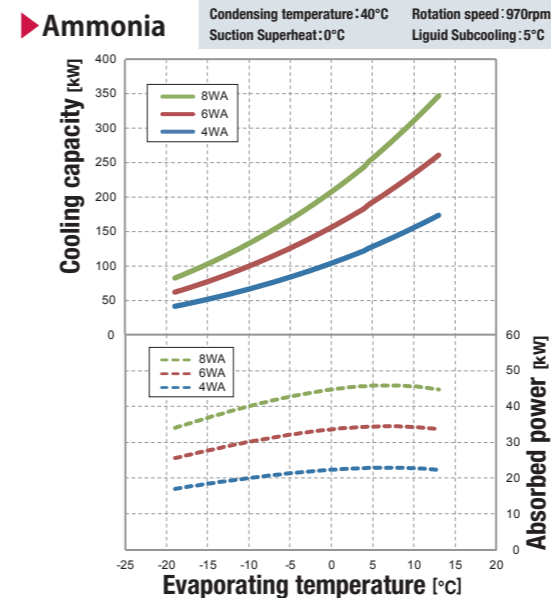
\*1. Specify the refrigerant by adding a prefix to the type code (N = Ammonia / P = Propane / F = Fluorocarbons).

\*2. If R23 is to be used as the refrigerant, the machine will come with special specifications. Please contact us for detailed information.

\*3. Displacement at 970 rpm

\*4. The range of rotation speed varies by operating conditions. Please refer to the ranges of use stated in the operating instructions.

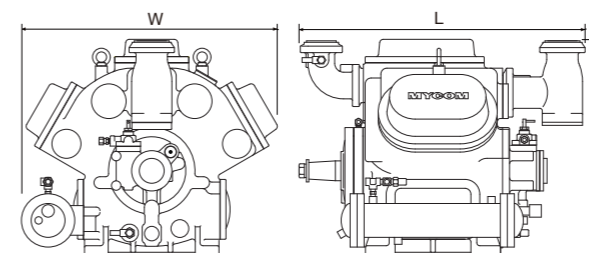
## Performance charts



\* Please consult us for further details.

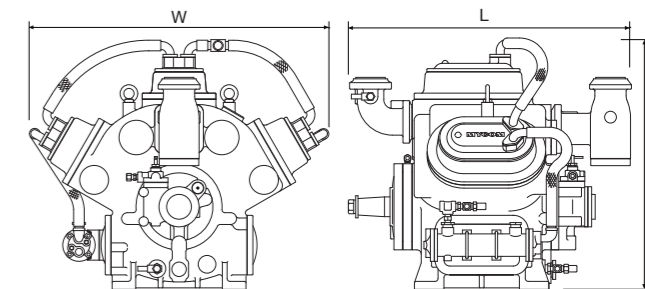
## Outer dimensions

### [Air cooled type (Propane, HFCs)]



Model (P/F)	Weight (kg)	W (mm)	L (mm)	H (mm)
4WA	460	760	835	715
6WA	555	865	960	725
8WA	645	910	980	755

### [Water cooled type (Ammonia)]



Model (N)	Weight (kg)	W (mm)	L (mm)	H (mm)
4WA	475	875	835	735
6WA	570	1050	960	855
8WA	670	1020	980	860

\* 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.