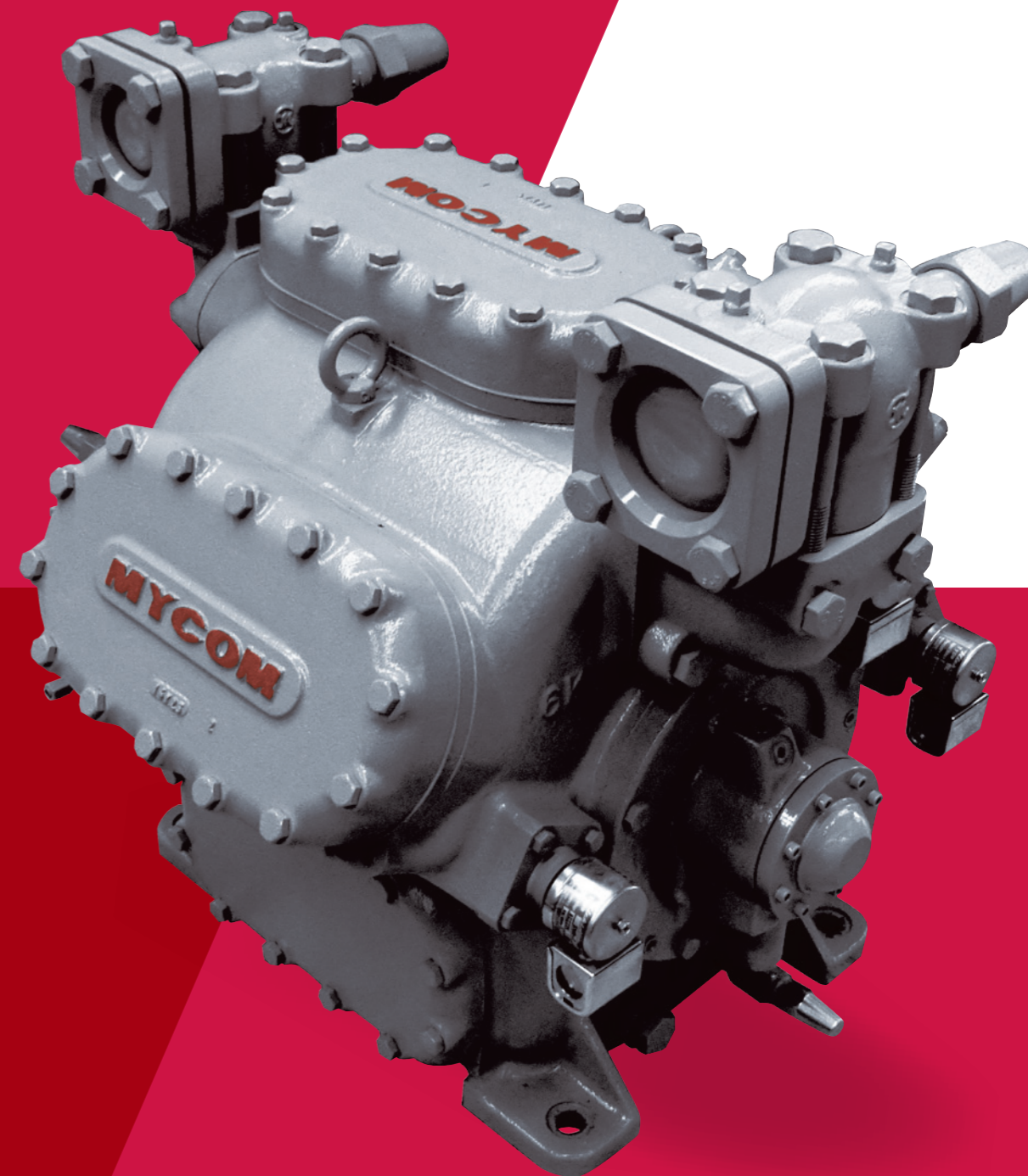


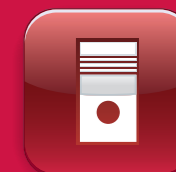
K SERIES RECIPROCATING COMPRESSOR



K SERIES RECIPROCATING COMPRESSOR

Reciprocating Compressor / **Single Stage** Open Type

K SERIES



MYCOM

* Some optional items are included in this photo.

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PD134 01001609-16.09.

Multi-refrigerant small compressors
One for multiple needs

Reciprocating Compressor [Single Stage] Open Type K-SERIES



* Some optional items are included in this photo.

Multiple Applications

Multiple configurations are available in drive type (direct/belt) and refrigerant compatibility (Ammonia, Propane and Fluorocarbon refrigerants). A compressor suited to many different refrigeration applications,

[Usable refrigerants]

Natural refrigerants	Fluorocarbon refrigerants
Ammonia	R134a
Propane	R407C
Propylene	R407F
	R404A
	R507A

Supports a Wide Range of Pressure Conditions

The components are designed for high pressure applications and a wide range of operating conditions. The K series can be used in demanding applications such as high pressure systems and heat pumps.

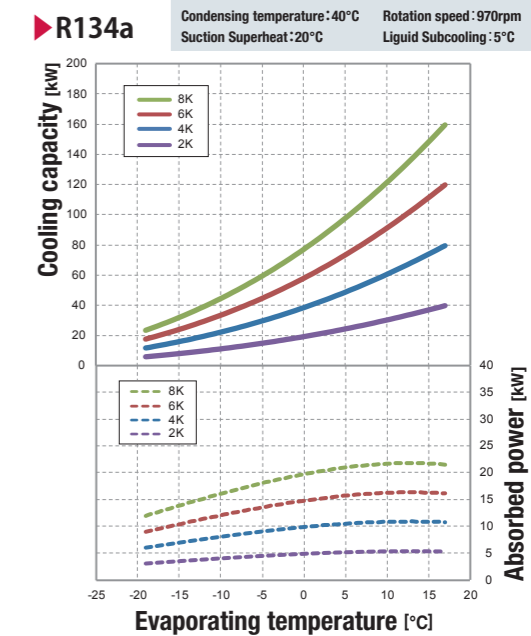
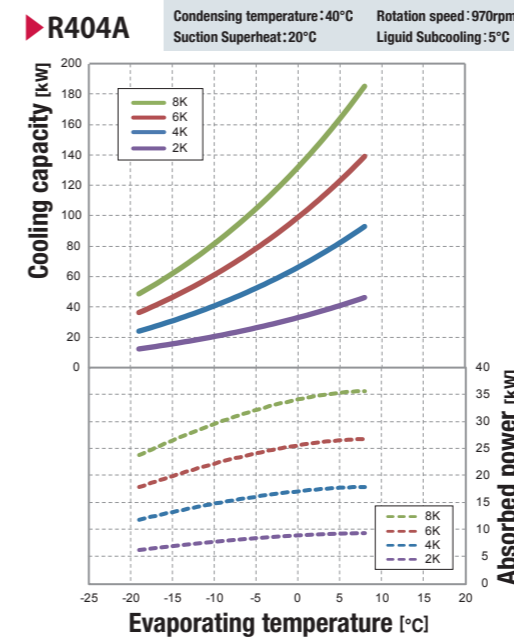
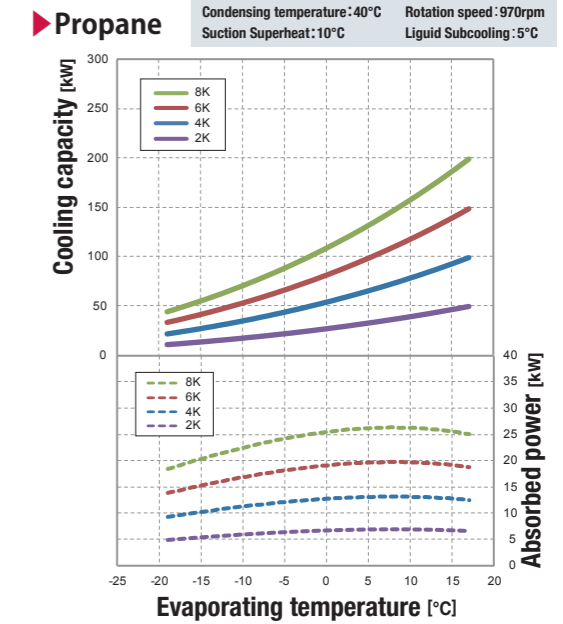
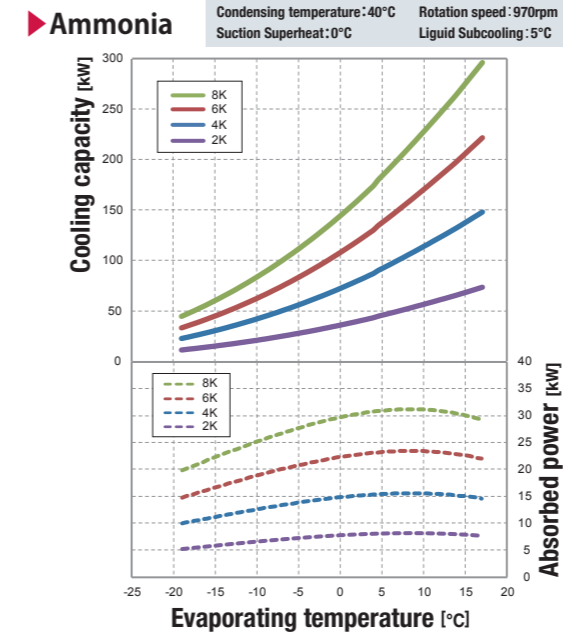
Variable Load Capability

A wide rotational speed range from 800 to 1800rpm provides a powerful output capacity.

Simplified Package Design

Hydraulic lines for capacity control are incorporated into the casing design, allowing simplified package designs and easy maintenance.

Performance charts



Specifications

Item	Model ^{*1} (N/P/F)	2K	4K	6K	8K
Refrigerant		Ammonia / Propane, Propylene / HFCs (R134a, R407C, R407F, R404A, R507A)			
Compressor type		Reciprocating, Open Type			
Number of cylinders		2	4	6	8
Bore	mm	85			
Stroke	mm	65			
Displacement ^{*2}	m ³ /h	42.9	85.9	129	172
Rotation speed	rpm	800-1800 ^{*3}			
Drive method		Direct drive/V-belt			
Capacity control	Ammonia	100/50	100/50	100/66/33	100/75/50/25
	Propane, Propylene / HFCs	100/50	100/75/50/25	100/83/66/50/33	100/75/50/25

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

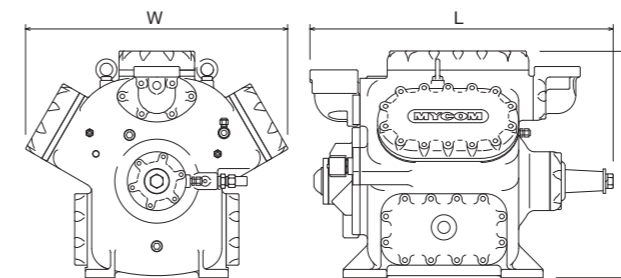
*2. Displacement at 970 rpm

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

Outer dimensions

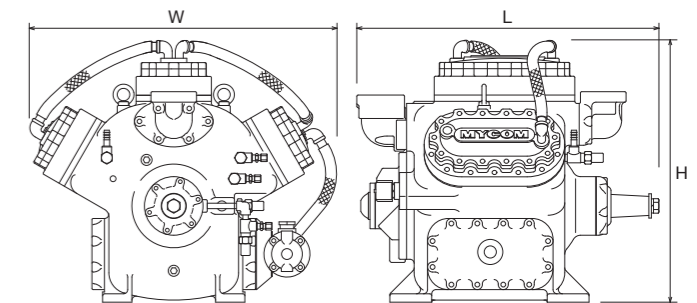
* Please consult us for further details.

[Air cooled type (Propane, HFCs)]



Model (P/F)	Weight (kg)	W (mm)	L (mm)	H (mm)
2K	180	445	665	540
4K	275	565	715	530
6K	320	640	725	560
8K	380	640	740	570

[Water cooled type (Ammonia)]



Model (N)	Weight (kg)	W (mm)	L (mm)	H (mm)
2K	185	510	665	625
4K	285	645	715	570
6K	340	740	725	625
8K	405	765	740	660

* 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 only for the water cooled type.