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Mechanical Specifications

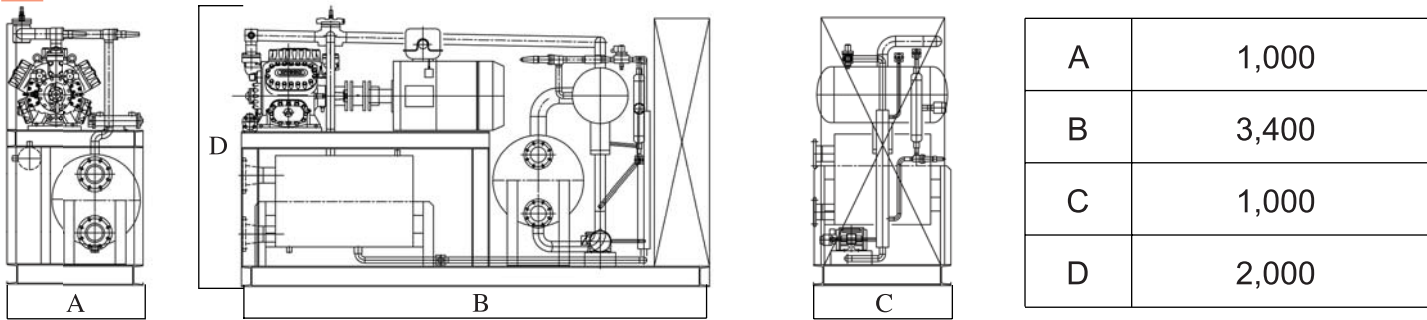
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Compressor	725PSI / 5.0MPa reciprocating type 6HK
Capacity control	100 - 20% flexible control with VFD
Motor	100 - 175HP / 75 - 130kW x 4P with VFD
Power supply	Main : 575 (460) V60Hz / Control : 220V60Hz
Condenser	Shell and plate
Evaporator	Shell and plate
Refrigerant	R717 (NH <sub>3</sub> ) (charged: 155lb / 70kg)
Lubricant oil	Mlneral oil (charged: 5.3gal / 20L)
Net weight	7,940lb / 3,600kg
Size [ft(mm)]	L11.8 (3,600) x W3.3 (1,000) x H7.2 (2,200)

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Dimensions

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\*Information on this brochure is for reference only. Subject to change without notice.

MAYEKAWA New Standard NH3 Heat Pump

PLUS

HEAT





PLUS+HEAT

# The Mayekawa Heat Pump series

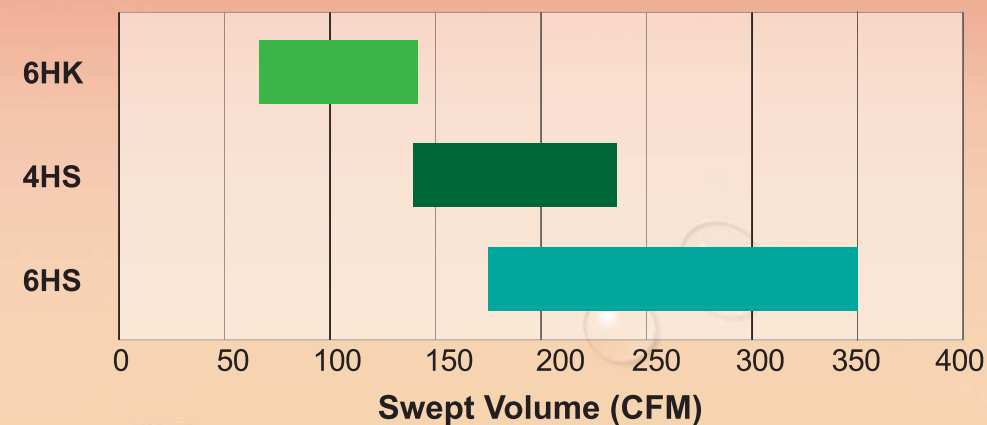
## N6HK and N4HS\*, N6HS\*

\*Available soon.

### Reuse waste heat. Cut energy costs.

Experience new levels of heat reclaim at reduced costs. Using the heat that has already been paid for and developed within your plant, the Mayekawa Heat Pump can turn that heat into savings. Waste Heat will be a thing of the past.

Capacity Table



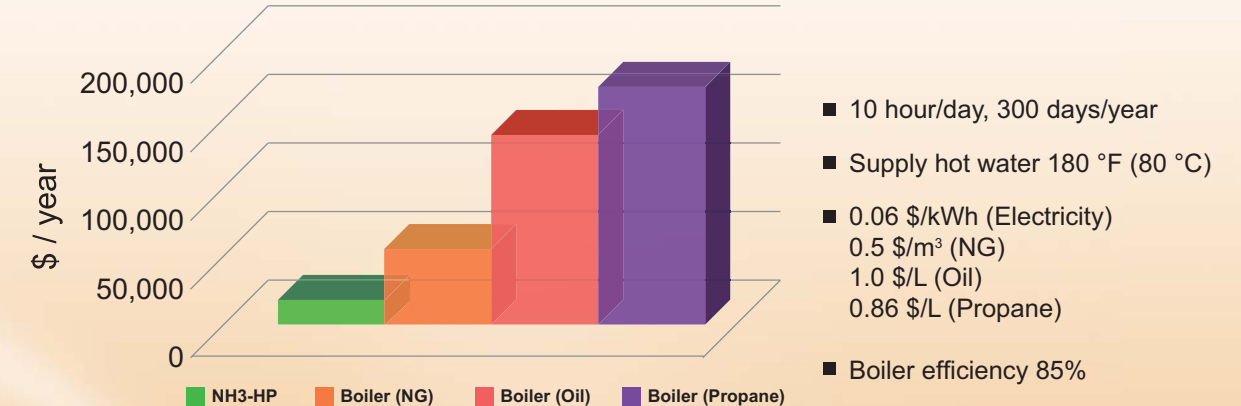
- 6HK : 900 - 1,800 RPM  
(Depending on the condition and refrigeration)
- HS : 750 - 1,500 RPM  
(Depending on the condition and refrigeration)



### 'Natural' is what we design for...

Utilizing Ammonia which is a naturally occurring refrigerant, unlike the man-made or synthetic refrigerant alternatives, Mayekawa helps to reduce your carbon foot print. The Mayekawa Heat Pump can produce up to 80 °C (176 °F) water while returning an extremely COP to give you the ultimate in heating technology.

Yearly Cost Comparison



HEAT Benefits

- + Recycle and Reuse our Limited Energy
- + Low operational costs
- + Environmentally friendly
- + Easy and cost effective solutions for increasing your heat