

COMFORT

CHILLERS

HEAT PUMPS

r

R454B

NX-G06

NX-N-G06

Air source chillers and heat pumps  
with low GWP refrigerant

**49,6 - 388 kW**



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# NX-G06 NX-N-G06



- Family overview
- Technical insight
- Controls
- Performance
- Operating limits
- Heat recovery
- Hydronic modules
- Coils & coatings
- Further options



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# NX-G06 NX-N-G06



## Family overview

Technical insight

Controls

Performance

Operating limits

Heat recovery

Hydronic modules

Coils & coatings

Further options

## NX-G06 & NX-N-G06 - Family overview

### Key features



NX-G06  
NX-N-G06

Air source chillers and heat pumps  
with **low GWP** refrigerant

**49,6 - 388 kW**



# NX-G06 & NX-N-G06 - Family overview

## Nomenclature

<sup>1</sup><sub>i</sub> - <sup>2 3</sup><sub>NX-N</sub> - <sup>4</sup><sub>G06</sub> - <sup>5</sup><sub>/ D /</sub> <sup>6</sup><sub>SL - K</sub> <sup>7</sup><sub>0302</sub> <sup>8</sup><sub>P</sub>

Code	Descriptions	Extension	Descriptions
1	Inverter Technology	–	NOT
		i	Inverter
2	Compressor Type	N	Scroll
		F	Screw
		T	Centrifugal Oil Free
3	Brand	X	Climaveneta
		R	RC
4	Unit type	–	Air source chiller
		N	Air source heat pump
		FC	Free-cooling chiller
5	Refrigerant	–	R410A
		G06	R454B

Code	Descriptions	Extension	Descriptions
6	Application Segment	–	Comfort
		Y	Process
		Z	IT Cooling
7	Function	–	Without heat recovery
		D	Partial heat recovery
		R	Total heat recovery
8	Version	K	Key Efficiency
		SL-K	Key Efficiency + Super Low Noise
		CA	High Efficiency
		SL-CA	High Efficiency + Super Low Noise
		...	others
9	Size		
10	Heat exchanger	P	Plates
		T	Shell & Tube

## NX-G06 & NX-N-G06 - Family overview

ErP compliancy: 2 compressors units

**NON ErP 2021**

**ErP 2021**



**NX-G06**

	sizes											
K												
LN-K												
SL-K												
CA	+EC	+EC	+EC	+EC	+EC	+EC	+EC	+EC	+EC	+EC	+EC	+EC
LN-CA	+EC	+EC	+EC	+EC	+EC	+EC	+EC	+EC				
SL-CA	+EC	+EC	+EC	+EC	+EC							

+EC : EC fans (Opt. 808) are required.



**NX-N-G06**

	sizes											
K												
LN-K												
CA												
LN-CA												

The tables refer to: Tier II of SEER (Jan. 2021) for chillers; Tier II of SCOP (Sep. 2017) for heat pumps.

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## NX-G06 & NX-N-G06 - Family overview

ErP compliancy: 4 compressors units with S&T evaporator

NON ErP 2021

ErP 2021



NX-G06

	sizes					
K	+EC					
LN-K	+EC					
SL-K						
CA						
LN-CA						
SL-CA						

+EC : EC fans (Opt. 808) are required.



NX-N-G06

K						
LN-K						
SL-K						
CA						
LN-CA						
SL-CA						

The tables refer to: Tier II of SEER (Jan. 2021) for chillers; Tier II of SCOP (Sep. 2017) for heat pumps.

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## NX-G06 & NX-N-G06 - Family overview

ErP compliancy: 4 compressors units with plate evaporator

**NON ErP 2021**

**ErP 2021**



**NX-G06**

\_\_\_\_\_ sizes \_\_\_\_\_

K	+EC						+EC
LN-K	+EC						
SL-K							

+EC : EC fans (Opt. 808) are required.



**NX-N-G06**

\_\_\_\_\_ sizes \_\_\_\_\_

K							
LN-K							
SL-K							

The tables refer to: Tier II of SEER (Jan. 2021) for chillers; Tier II of SCOP (Sep. 2017) for heat pumps.

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# NX-G06 NX-N-G06



Family overview

## Technical insight

Controls

Performance

Operating limits

Heat recovery

Hydronic modules

Coils & coatings

Further options

## NX-G06 & NX-N-G06 - Technical insight

### Structures and layouts

- Key efficiency: all sizes
- High efficiency: smaller sizes

- High efficiency: larger sizes



# NX-G06

Full aluminum MCHX coils as per standard.  
Traditional Cu/Al tube & fin coils as option.



# NX-N-G06

Traditional Cu/Al tube & fin coils as per standard.  
Full aluminum MCHX coils NOT available.



## NX-G06 & NX-N-G06 - Technical insight: 2 compressors units

### Structures and layouts

**SMALL frame**

Longitudinal V

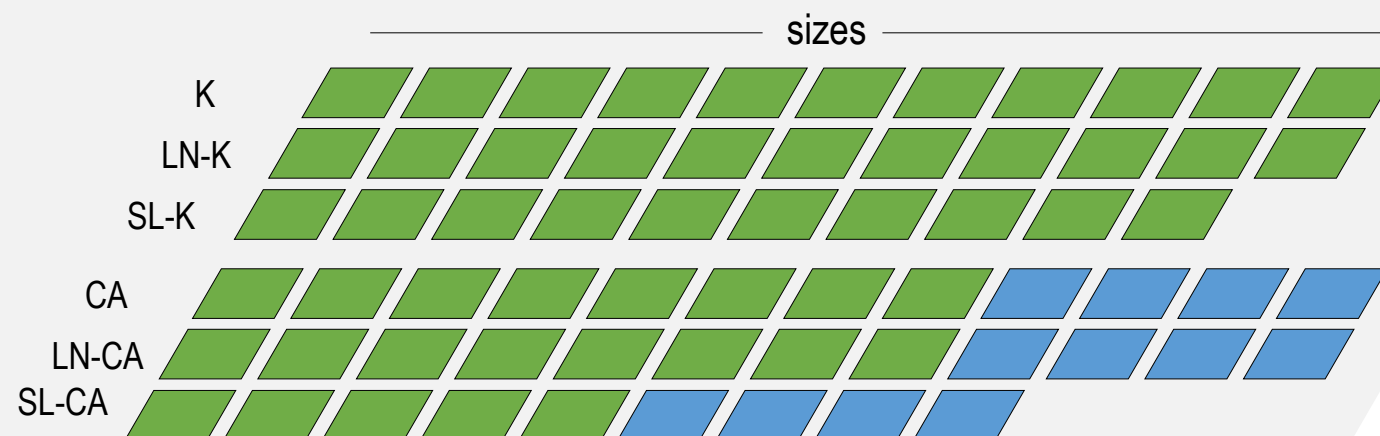


**BIG frame**

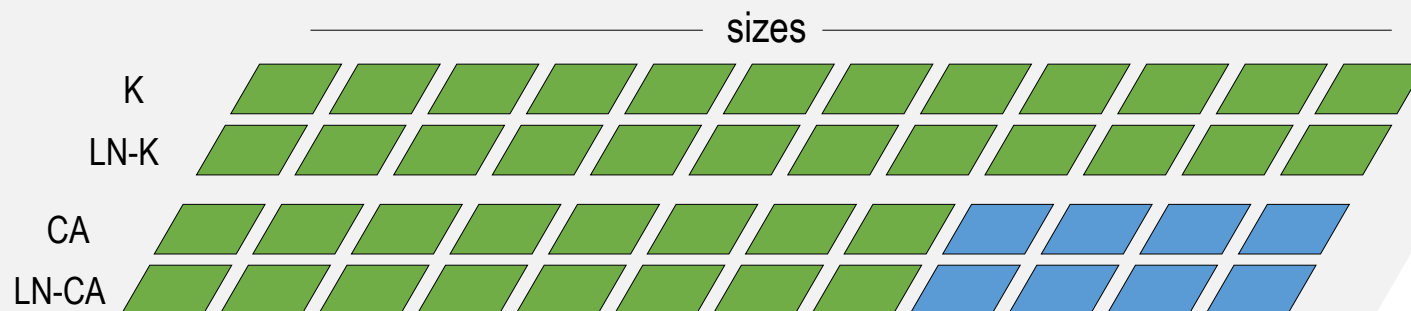
V-block (CH) or dual coil (HP)



**NX-G06**



**NX-N-G06**



# NX-G06 & NX-N-G06 - Technical insight: 4 compressors units

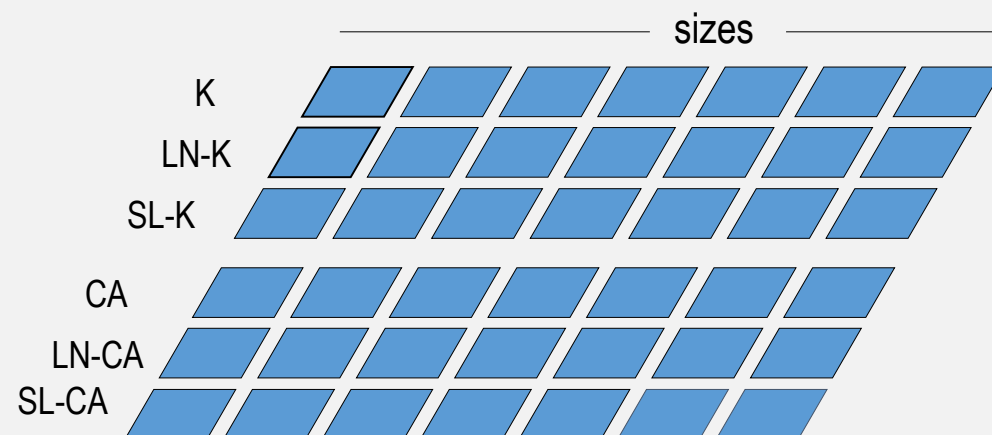
## Structures and layouts

**BIG frame**

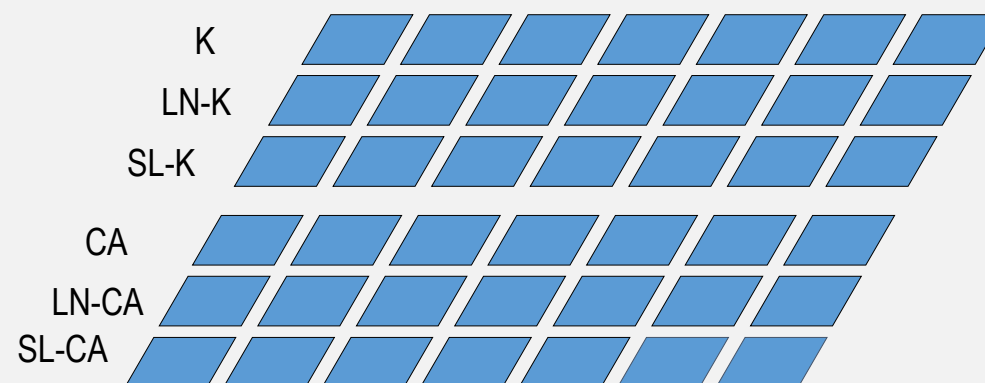
V-block (CH) or dual coil (HP)



**NX-G06**



**NX-N-G06**



## NX-G06 & NX-N-G06 - Technical insight

### Main components

**Electrical panel**  
with power circuit  
components and  
**W3000+** or **W3000**  
base control.

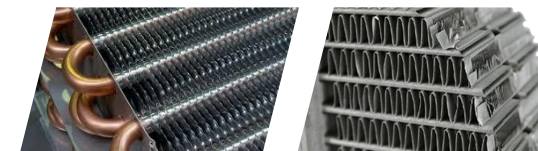
### AC axial fans.

EC fans as option for high  
efficiency versions.



### Air side heat exchanger:

- MCHX for chillers
- Cu/Al for heat pumps

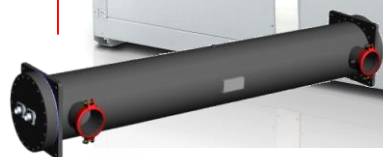


**Factory-installed pumps**  
and **buffer tank** for the  
minimum installation time  
and cost (optional).

**Plate heat exchange:**  
compact, efficient,  
with low pressure drops  
(2 and 4 cmpr units)



**Dry shell and tubes**  
evaporator, fully  
developed in-house  
(4 cmpr units)



**Scroll compressor tandem**  
in one single refrigerant circuit,  
optimized for **R454B**.



## NX-G06 & NX-N-G06 - Technical insight

### The refrigerant

#### R454B refrigerant

High density, **low GWP** refrigerant.

Its physical properties are **similar to R410A**, so the same type of equipment / component can be used.

#### Reliability

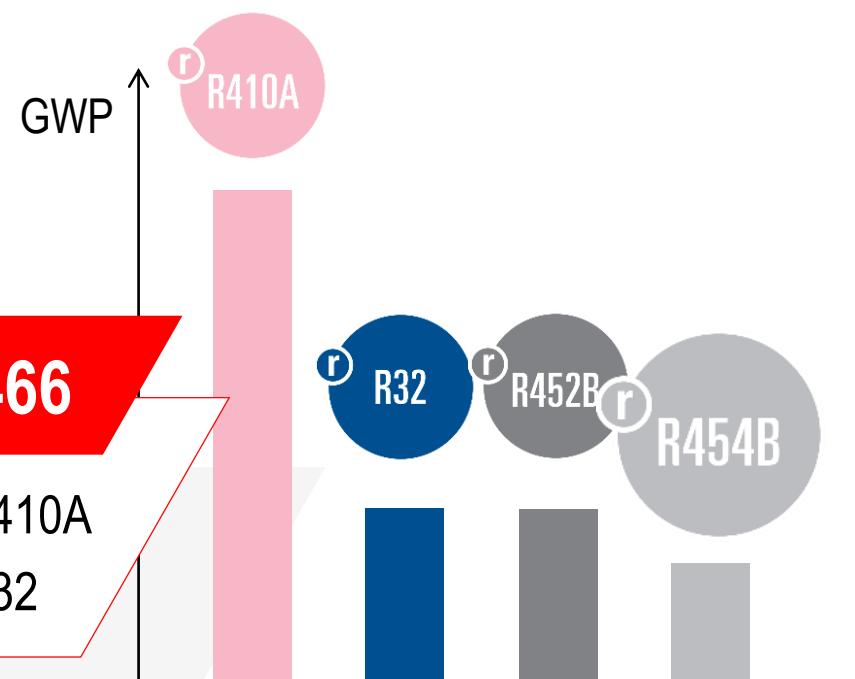
- Use of **well-known components**
- Refrigerant circuit **reliability** is kept

#### Performance & envelope

- Same **operating limits** of R410A in cooling, **better in heating**
- Higher efficiency (full load +3,5%, seasonal +2%)
- Slightly lower capacity (-3,5%)

**GWP: 466**

-76% vs R410A  
-31% vs R32



- Composition: 69% R32 + 31% R1234yf
- Global Warming Potential: 466 (IPCC AR5)
- Safety classification:  
A2L mildly flammable (ISO 817)  
Fluid Group 1 (PED)



## NX-G06 & NX-N-G06 - Technical insight

### The compressors

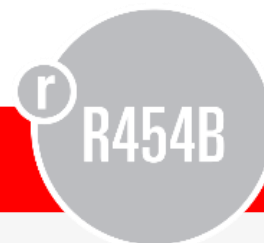


High seasonal efficiency

Complete reliability

Oil management proven effectiveness

### Scroll compressor tandem

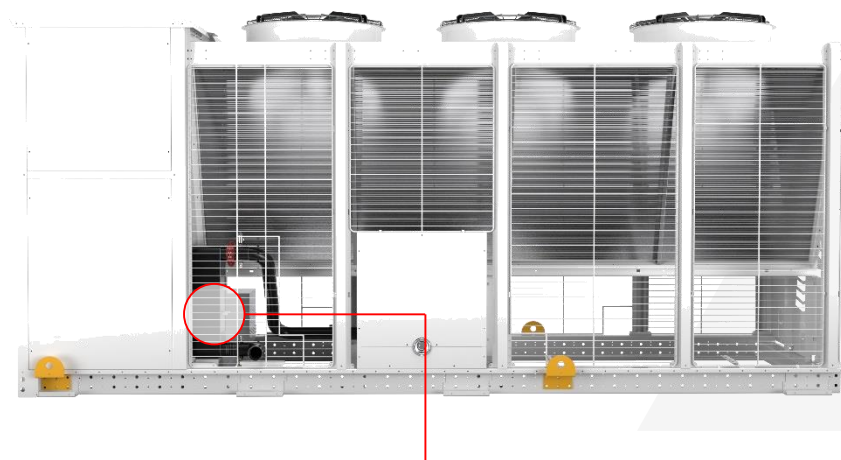


- New generation scroll compressors, developed for the use of high density **A2L refrigerants** (Fluid Group 1 of PED directive)
- **Tandem configuration** to capitalize on the whole heat exchange surface at part loads and reach **higher seasonal efficiency**
- Further **safety** threshold with **thermostats** on each compressor discharge
- **Specific oil management solution** for even and uneven compressor tandem



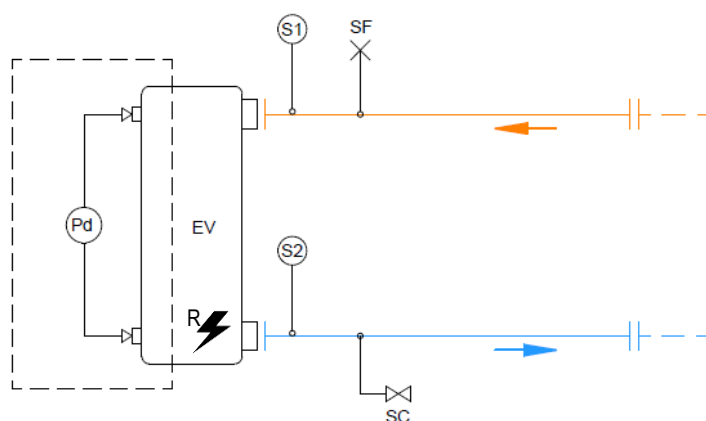
## NX-G06 & NX-N-G06 - Technical insight: 2 and 4 compressors units

### The user side heat exchanger



### Plate heat exchanger

- **Braze welded AISI 316 steel plate** heat exchanger
- Fully **protected** against ice formation (electric heater and  $\Delta P$  switch)
- Low pressure drops and optimal heat transfer efficiency
- Heat exchanger and pipes with an **insulation lining** in closed-cell reticulated foam in PE (CFC and HCFC-free)



**EV** Evaporator

**Pd** Differential pressure switch

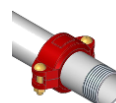
**SC** Drain valve

**SF** Purge valve

**R** Electrical heater

**S1** Water inlet probe

**S2** Water outlet probe



Hydronic Connections Type = F  
Grooved coupling with male threaded counter-pipe.

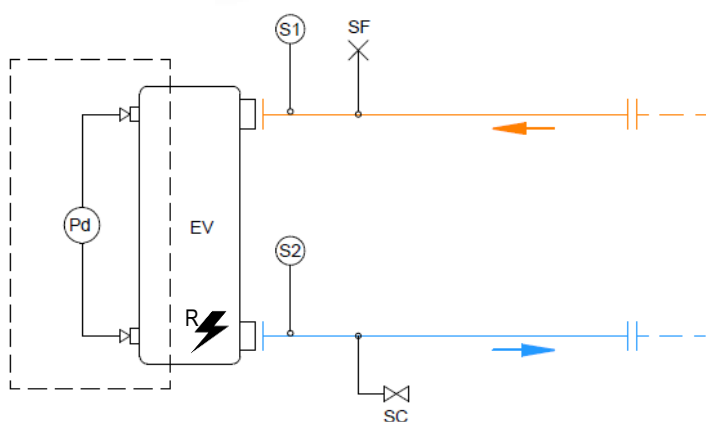
## NX-G06 & NX-N-G06 - Technical insight: 4 compressors units

### The user side heat exchanger



### Shell & Tubes exchanger

- **Dry shell and tubes evaporator**, fully developed by MEHITS
- Internally grooved copper tubes for enhanced heat exchange
- Insulated with a **foamed polyethylene mat of 9 mm thickness** (19mm available as opt.)
- Water flow is controlled by a differential pressure switch to avoid the risk of ice generation



**EV** Evaporator

**Pd** Differential pressure switch

**SC** Drain valve

**SF** Purge valve

**R** Electrical heater

**S1** Water inlet probe

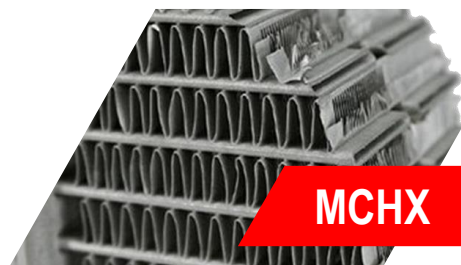
**S2** Water outlet probe



Hydronic Connections Type = A  
Grooved pipe.

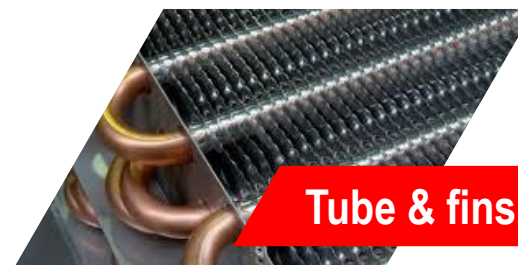
## NX-G06 & NX-N-G06 - Technical insight

### The coils



**MCHX**

Full **aluminum** coils  
for cooling only  
chillers



**Tube & fins**

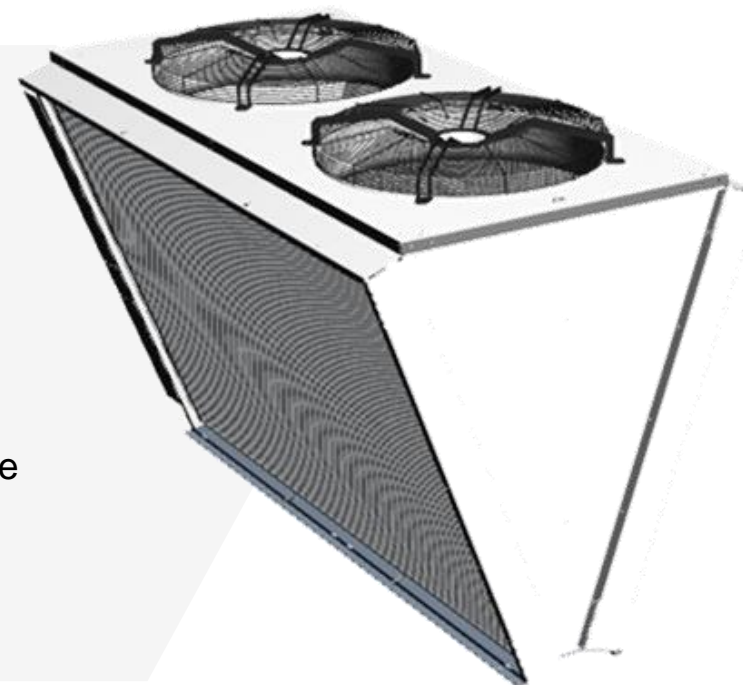
**Cu/Al** coils  
for reversible  
heat pumps

- **MCHX: -30% refrigerant charge reduction** Vs. traditional solutions.

- **MCHX: Long Life Alloy** for higher corrosion resistance and longer life expectancy.

- **Cu/Al:** ideally designed to optimize airflow and heat transfer.

- **Protective coating** available for harsh industrial and marine environments (Opt.)



## NX-G06 & NX-N-G06 - Technical insight

### The fans



### Axial fans

- High performing, **axial fans**:

#### K version:

DVV with phase-cut for smaller sizes (450 mm fans)

DP for larger sizes (800-910 mm fans)

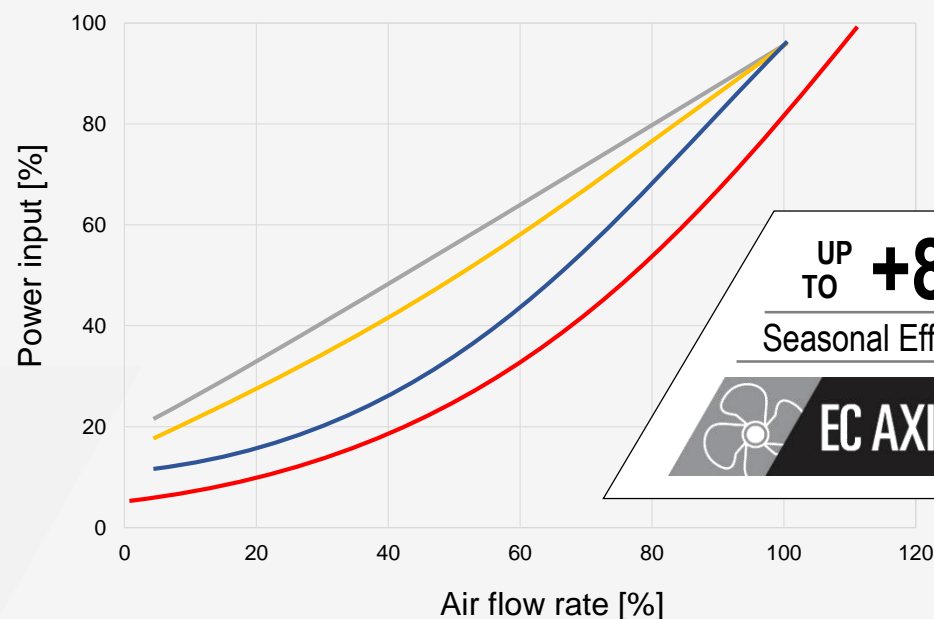
#### CA and silenced versions:

DVV with phase-cut for smaller sizes (450 mm fans)

DVV with auto-transformer for larger sizes (800-910 mm fans)

- Speed control (DVV) based on refrigerant **pressure**.
- EC fans** (opt)

### Fan speed control



— AC fan + phase-cut

— AC fan +  
auto-transformer

— AC fan + inverter

— EC fan

## NX-G06 & NX-N-G06 - Technical insight: 2 compressors units

### The fans

**DVV: phase-cut**  
Ø 450 mm

**DP: pressostatic ctrl**  
Ø 800 or 910 mm

**DVV: autotrasformer**  
Ø 800 or 910 mm



**NX-G06**

	sizes									
K										
LN-K										
SL-K										
CA										
LN-CA										
SL-CA										



**NX-N-G06**

	sizes									
K										
LN-K										
CA										
LN-CA										

## NX-G06 & NX-N-G06 - Technical insight: 4 compressors units

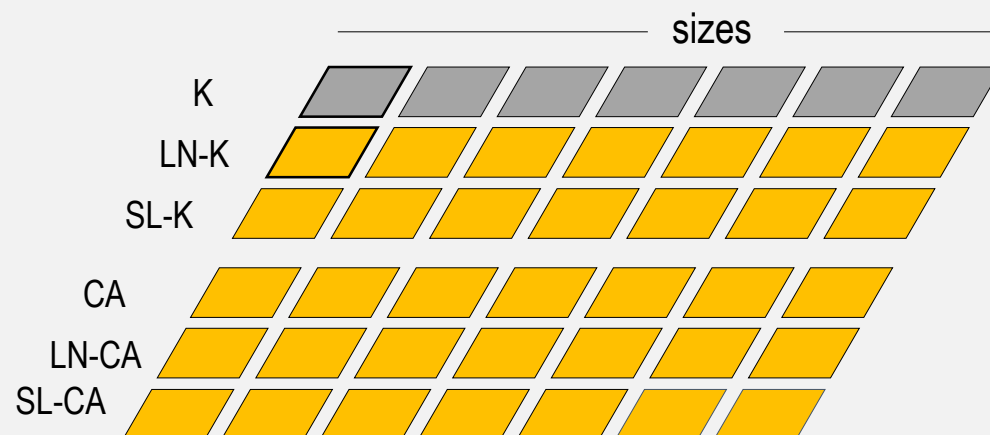
### The fans

DP: pressostatic ctrl  
Ø 800

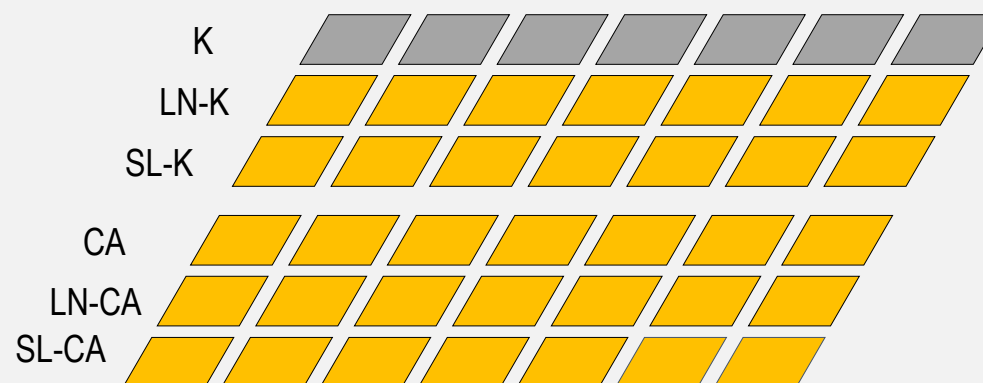
DVV: autotrasformer  
Ø 800



NX-G06



NX-N-G06



# NX-G06 & NX-N-G06 - Technical insight

## The electrical panel



### Electrical wirings

- General door lock isolator
- Automatic circuit breakers (std for 2 cmpr)
- Numbered cables (std for 2 cmpr)
- Terminals for cumulative alarm

### Set-point control

- **Double set-point** (digital input)
- **4-20 mA** (analog input)
- **Set point compensation for outdoor temperature**

### Other functions (opt.)

- Demand limit
- Night mode
- Energy meter
- Remote probe for buffer tank / decoupler
- User limit control



## NX-G06 & NX-N-G06 - Technical insight: 2 compressors units

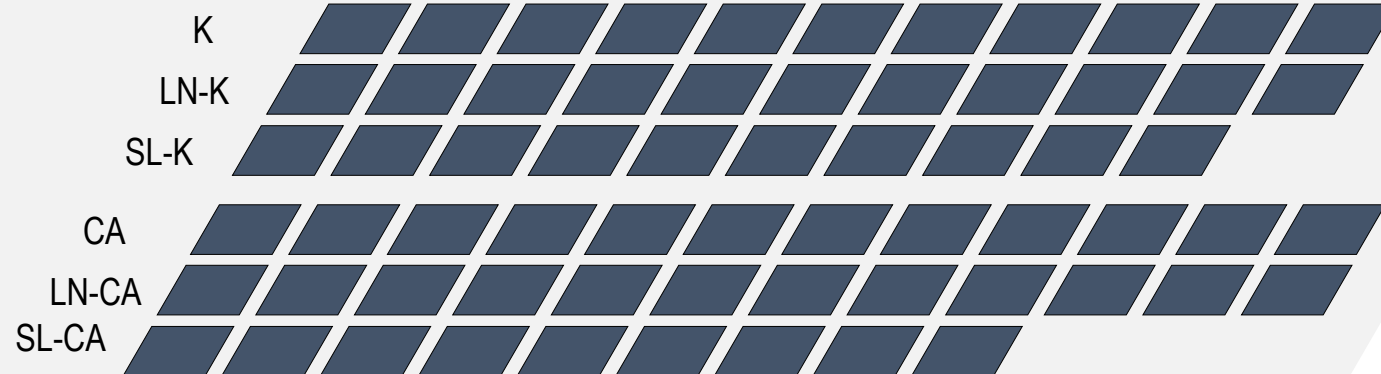
### The control

W3000+



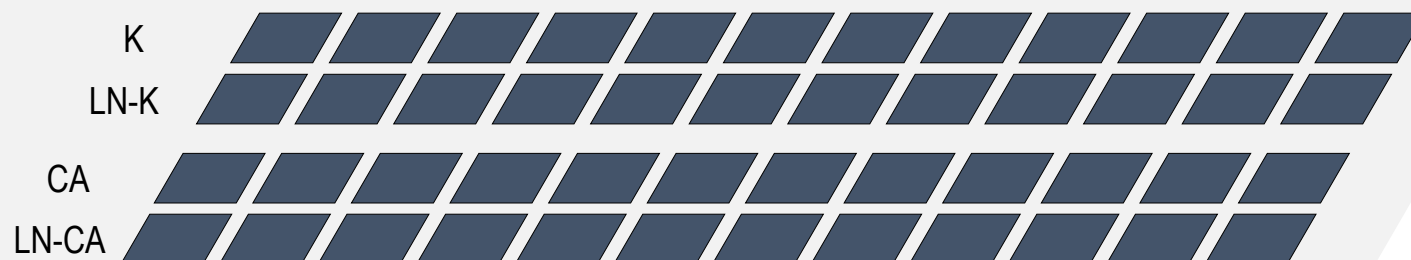
NX-G06

sizes



NX-N-G06

sizes



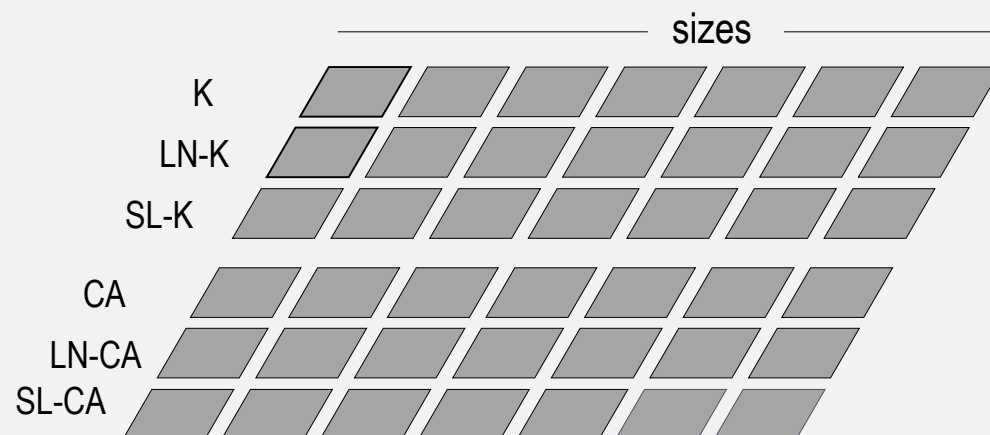
## NX-G06 & NX-N-G06 - Technical insight: 4 compressors units

### The control

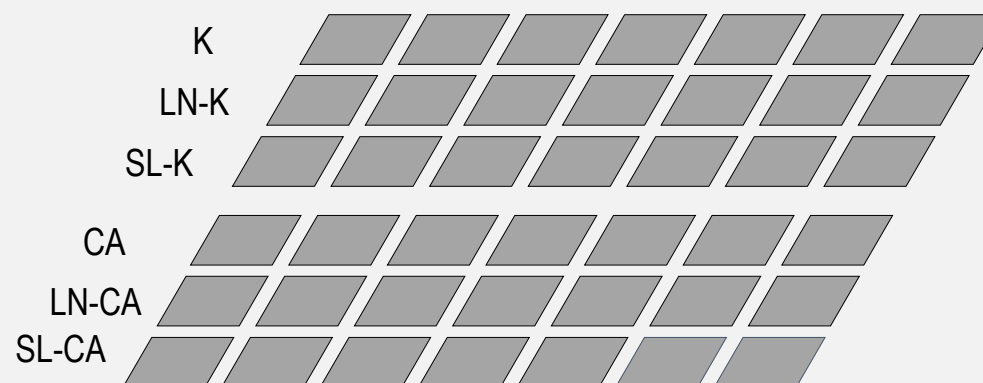
W3000TE



NX-G06



NX-N-G06



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# NX-G06 NX-N-G06



Family overview

Technical insight

**Controls**

Performance

Operating limits

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## NX-G06 & NX-N-G06 - Controls

### The unit's control

#### W3000+/ W3000TE control software

Proprietary settings for faster adaptive responses to different dynamics, in all operating conditions.

#### Fully in-house developed

- **Thermoregulation**  
Based on dynamic dead band on the outlet water temperature.
- **Monitoring**  
Complete visualization of the operation status. User-friendly navigation.
- **Diagnostics**  
Complete alarm management, with “black-box” and alarm history.
- **Security**  
3 levels of password: user, service, manufacturer.
- **Connectivity**  
BMS: Modbus, LonWorks, BACnet MS/TP, BACnet-over-IP, Konnex, Modbus over IP, SNMP.  
Proprietary: Manager3000, ClimaPRO, M-net network.

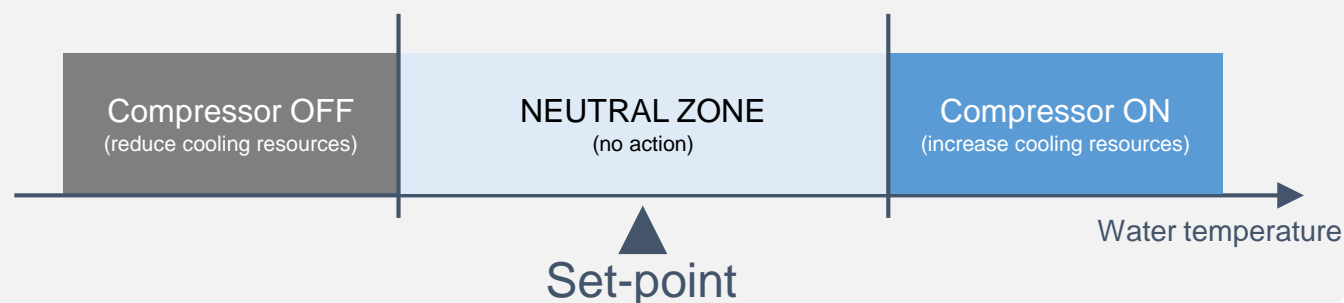


## NX-G06 & NX-N-G06 - Controls

### Thermoregulation

Water temperature control

**QUICK  
MIND**



The width of the neutral zone is **dynamic** and automatically calculated on the basis of:

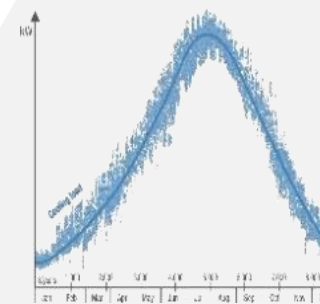


**10** start-ups  
per hour

Maximum allowed number  
of start-ups per hour



Water content of the plant



Load requested by the plant

## NX-G06 & NX-N-G06 - Controls

### The user interface



### Compact keyboard

Standard interface. It features a complete **LCD display** and ergonomic keys for viewing data and navigating the **multilevel menu**.

### KIPlink: the Keyboard is In your Pocket \*

Based on the **Wi-Fi technology**, KIPlink gets rid of the standard keyboard and allows one to operate on the unit directly from his **mobile device** (smartphone, tablet, notebook).

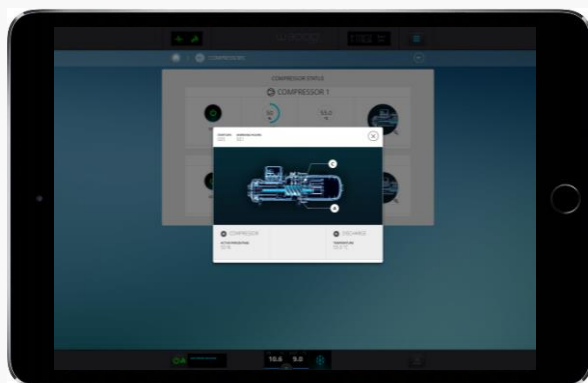


\* Only units with W3000+ control software.

# NX-G06 & NX-N-G06 - Controls

## The user interface

### KIPLink: the Keyboard is In your Pocket



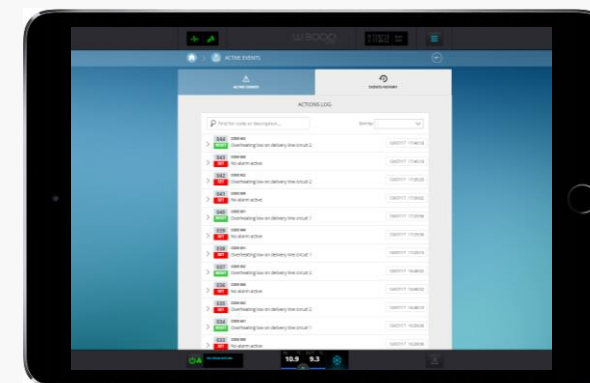
#### Easier on-site operation

- **Monitor** each component **while moving** around the unit for maintenance.
- View and change all parameters with **easy-to-understand screenshots** and dedicated tooltips.
- Get devoted “help” message for alarm reset and trouble shooting.



#### Real-time graphs and trends

- Monitor the **immediate labor status** of the compressors, heat exchangers, cooling circuits and pumps.
- View the real-time graphs of the key **operating variable trends**.



#### Data logger function

- View history of events and use the **filter for a simple search**.
- Enhance diagnostics with data and graphs of **10 minutes before and after** each alarm.
- **Download** all the data for detailed analysis.

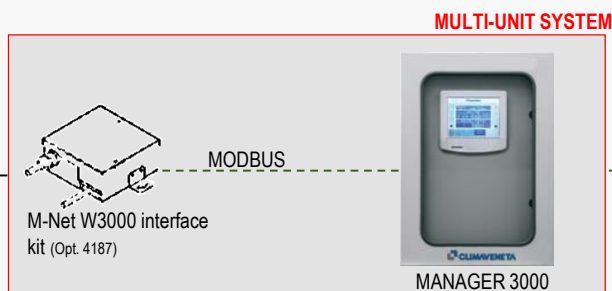
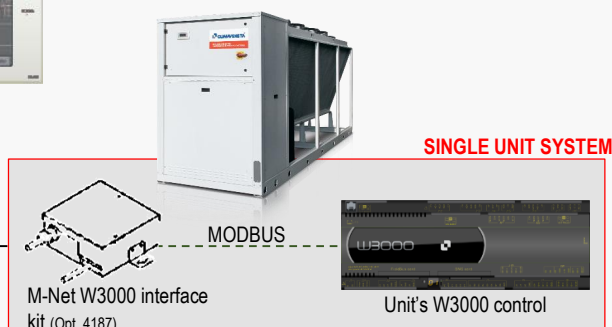


## NX-G06 & NX-N-G06 - Controls

### Multi-unit system control

#### M-Net: connect to the Mitsubishi Electric network

AE-200E



- View the units and their working **status**
- **Alarm** display
- Control groups of units: **on/off**, **cooling/heating**, **set point**
- Set an **operating schedule** for each group of units
- **Web app**
- Compatible with Mitsubishi Electric:  
AE-200E, AE-50, EW-50 (Ver. 7.68 or later)



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# NX-G06 NX-N-G06



Family overview

Technical insight

Controls

**Performance**

Operating limits

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## NX-G06 & NX-N-G06 - Performance: 2 compressors units

### Efficiency level



Net values - EN14511, EN14825  
SEER (FW/VO) - Regulation (EU) N.2281/2016  
SCOP (FW/VO) - Regulation (EU) N.813/2013

Average values

## NX-G06 & NX-N-G06 - Performance: 4 compressors units

### Efficiency level



Net values - EN14511, EN14825  
SEER (FW/VO) - Regulation (EU) N.2281/2016  
SCOP (FW/VO) - Regulation (EU) N.813/2013

Average values

## NX-G06 & NX-N-G06 - Performance

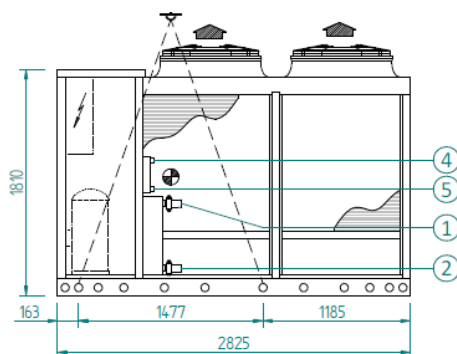
### Efficiency versions

## How to increase the efficiency?

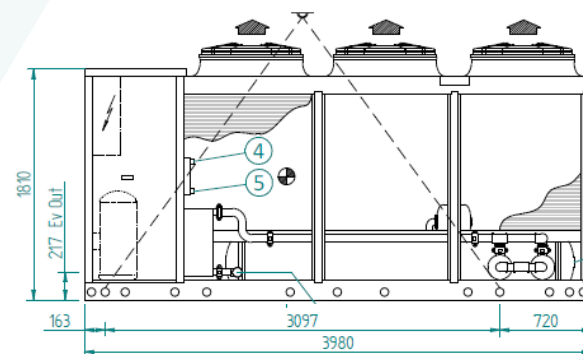
### Larger heat exchange surface

It lowers the compressors' discharge pressure, increases the evaporating temperature and reduces the compressors' work

**NX-G06 /K 0502P**  
Length = 2825 mm

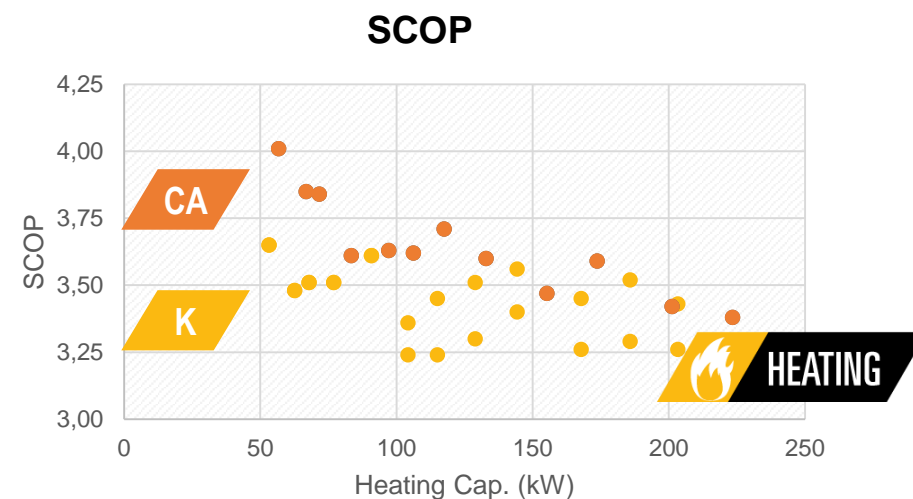
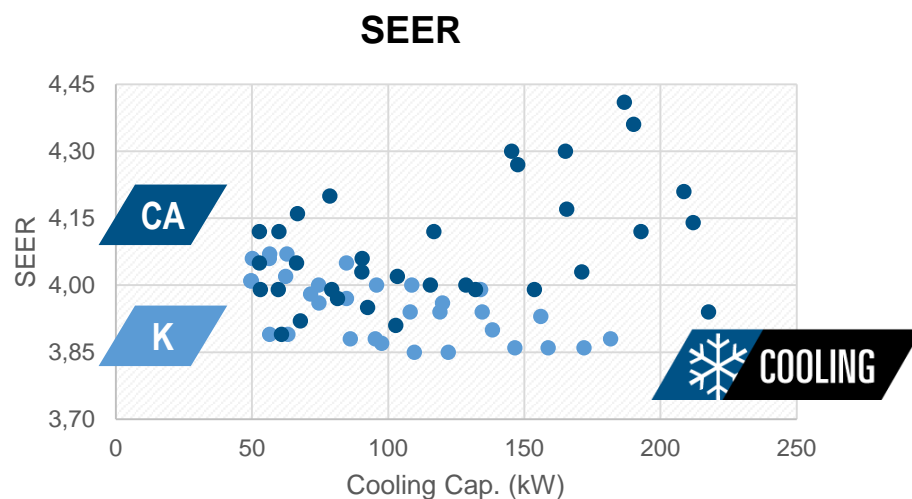
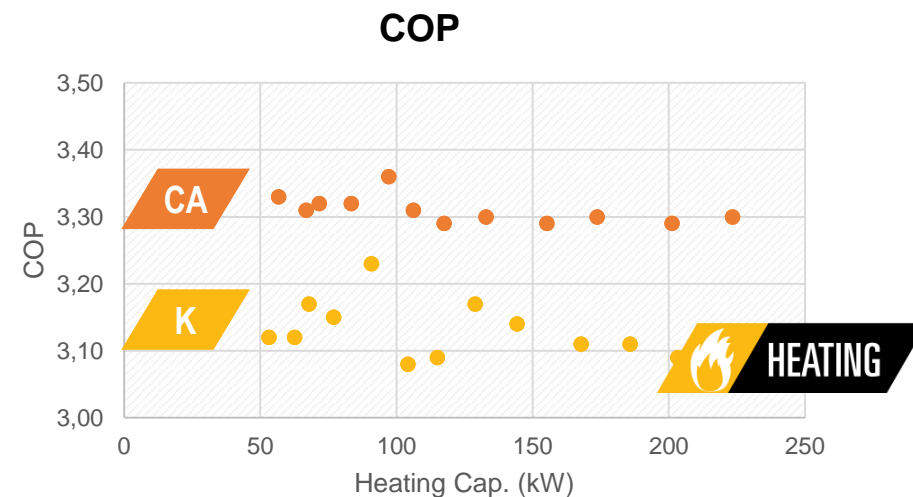
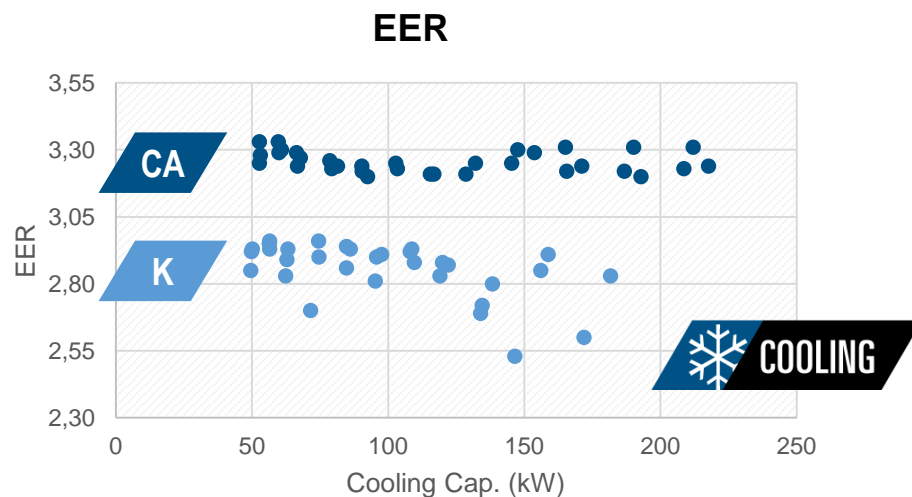


**NX-G06 /CA 0502P**  
Length = 3980 mm



# NX-G06 & NX-N-G06 - Performance

## Efficiency versions



## NX-G06 & NX-N-G06 - Performance

### Sound level

3 sound configurations:

**No compromise on efficiency!**

-

Standard

Baseline

LN\*

Low Noise

-5 dB(A)

SL

Super  
Low Noise

-7 dB(A)

\* Only for cooling only units



## NX-G06 & NX-N-G06 - Performance

### Acoustic versions

#### How to reduce the noise emissions?

##### Soundproofing insulation

Compressor and  
refrigerant circuit  
acoustical enclosure.

##### Fan speed reduction

Ø 450 : from 1350 to 600 rpm  
Ø 800 : from 900 to 500 rpm

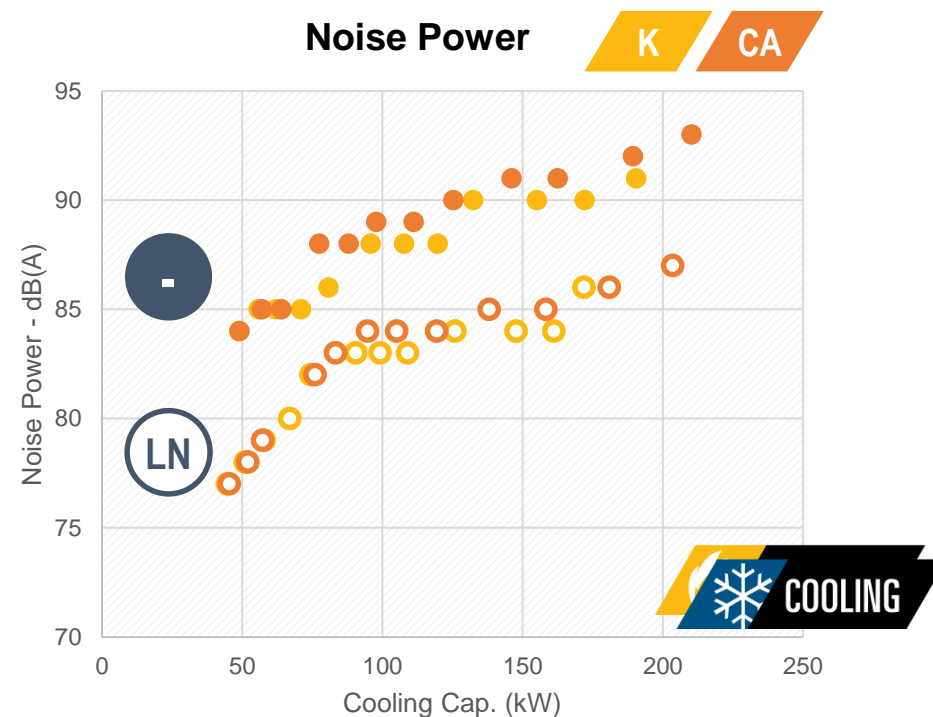
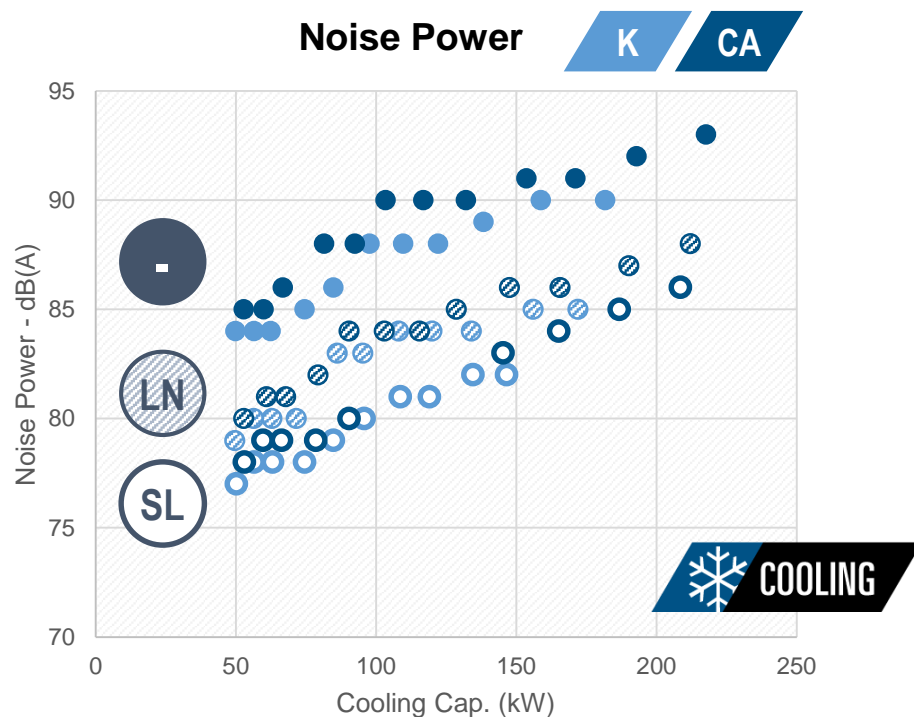
##### Larger condenser surface

It lowers the compressor  
discharge pressure and  
its noise emission

## NX-G06 & NX-N-G06 - Performance

Acoustic versions

No compromise on efficiency!



\* Reversible heat pumps operate in silent mode only in cooling mode.

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 HEATING

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# NX-G06 NX-N-G06



Family overview

Technical insight

Controls

Performance

 **Operating limits**

Heat recovery

Hydronic modules

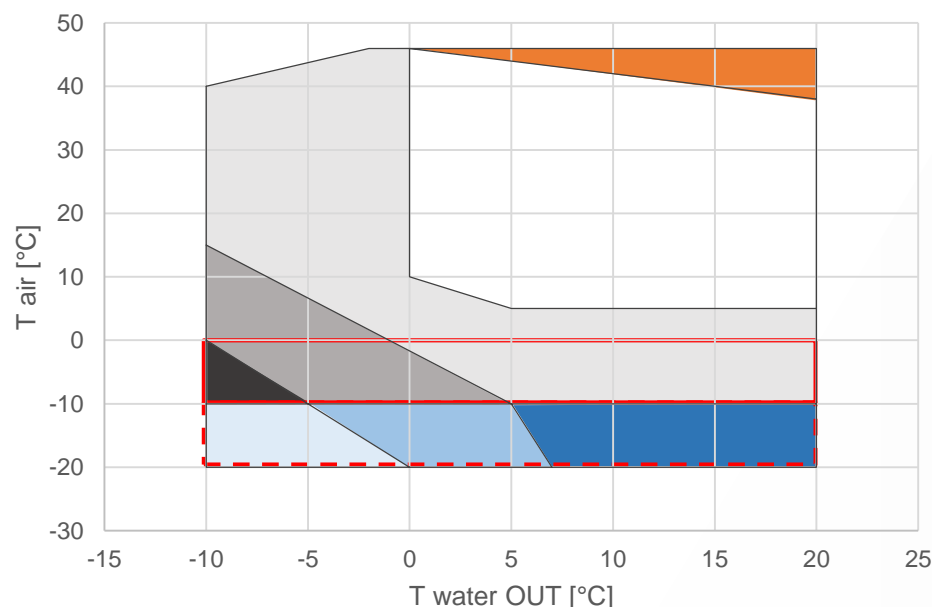
Coils & coatings

Further options

## NX-G06 & NX-N-G06 - Operating limits

### Cooling

**Full Load Operating Limits**  
[ Cooling Only Chiller ]













For the reversible heat pump, the cooling mode operating limits are reduced to:  
AIR from -10°C to 46°C; WATER from -8°C to 20°C

For the temperature limits of each size please refer to the selection software (the diagram over 38°C could vary according to the size and the version of the selected unit).

50°C max. air temperature for stock and stand-by .



-  **DP** – fan pressostatic control (STD for K (402 – 802))
-  **DVV** – fan speed adjustment (STD for: K (202 – 352); LN-K; SL-K; CA; LN-CA; SL-CA) or **EC FANS**
-  **DVVF** – fan speed adjustment + single fractionation or **EC FANS**
-  **DVV2F** – fan speed adjustment + double fractionation or inverter or **EC FANS**
-  WIND PROTECTED: DVVF (or EC FANS) + EEV + Solenoid valve \*  
WIND EXPOSED: DBA + DVVF (or EC FANS) + EEV + Solenoid valve \*
-  WIND PROTECTED: DVV2F (or EC FANS) + EEV + Solenoid valve \*  
WIND EXPOSED: DBA + DVVF (or EC FANS) + EEV + Solenoid valve \*
-  DBA + DVVF (or EC FANS) + EEV + Solenoid valve \*
-  Antifreeze heaters on pipes, pumps, and buffer tank
-  Extra insulation on heat exchangers, pipes, pumps and buffer tank \*  
Extra antifreeze heaters on heat exchangers, pipes, pumps and buffer tank \*
-  NON silenced mode operation

\* Request for quotation

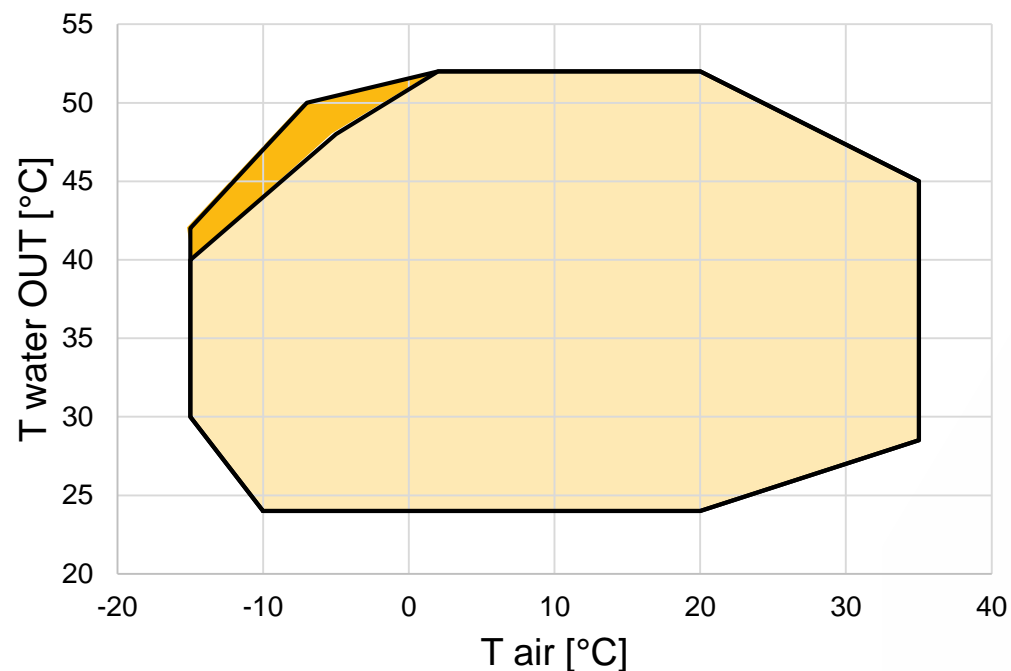
## NX-G06 & NX-N-G06 - Operating limits: 2 compressors units

### Heating



#### Full Load Operating Limits

[ Reversible Heat Pumps ]



- K version
- CA version

For the temperature limits of each size please refer to the selection software (the diagram over 38°C could vary according to the size and the version of the selected unit).

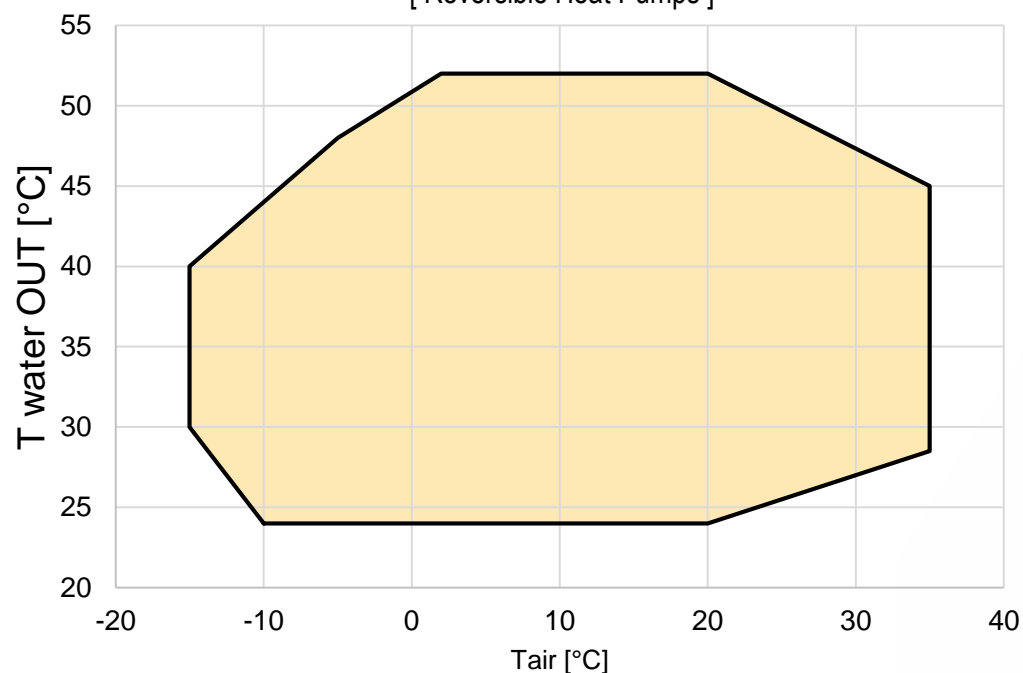
50°C max. air temperature for stock and stand-by .

## NX-G06 & NX-N-G06 - Operating limits: 4 compr + plate evaporator

### Heating



**Full Load Operating Limits**  
[ Reversible Heat Pumps ]



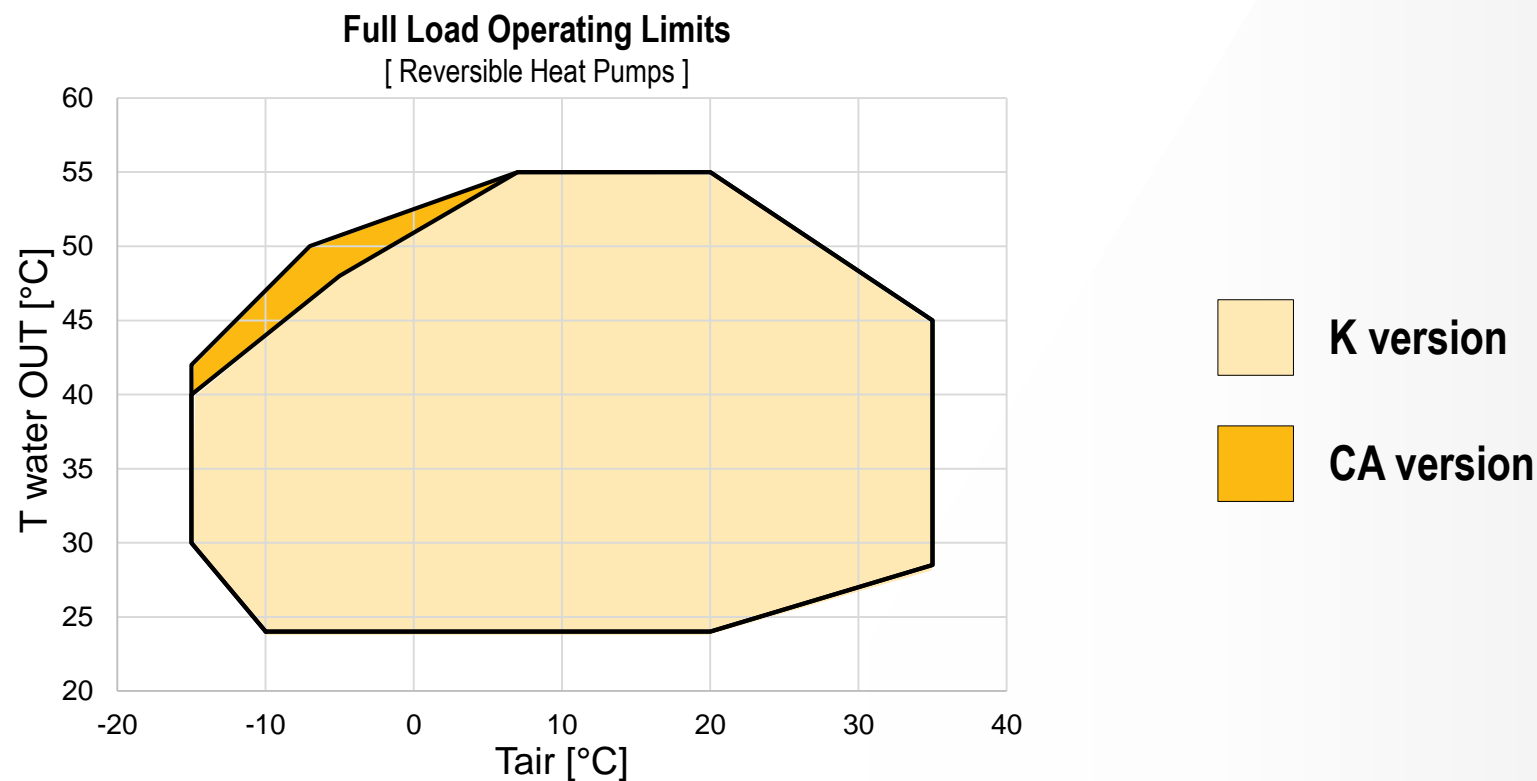
 **K version**

For the temperature limits of each size please refer to the selection software (the diagram over 38°C could vary according to the size and the version of the selected unit).

50°C max. air temperature for stock and stand-by .

## NX-G06 & NX-N-G06 - Operating limits: 4 compr + S&T evaporator

### Heating



For the temperature limits of each size please refer to the selection software (the diagram over 38°C could vary according to the size and the version of the selected unit).

50°C max. air temperature for stock and stand-by .



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🔥 HEATING

🌀 SCROLL

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# NX-G06 NX-N-G06



Family overview

Technical insight

Controls

Performance

Operating limits

**Heat recovery**

Hydronic modules

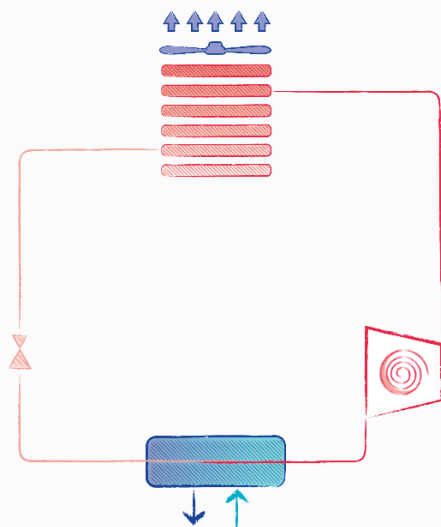
Coils & coatings

Further options

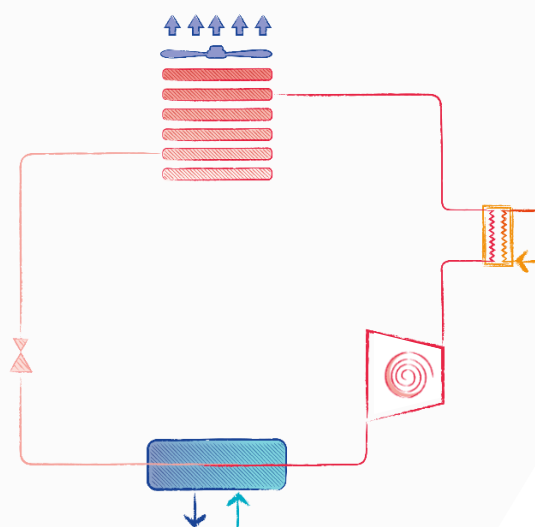
## NX-G06 & NX-N-G06 - Heat recovery

### Configuration overview

#### Standard



#### Partial heat recovery

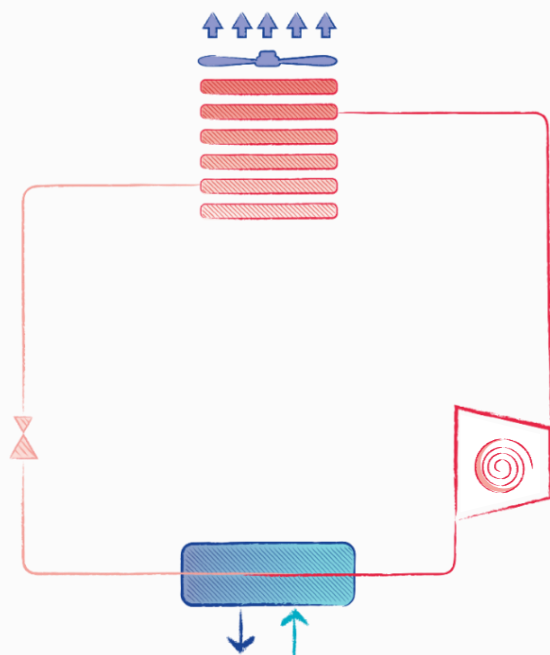


The heat recovery provides heating capacity for free.  
Suitable for **DHW** production, **integration of a boiler**, air treatment in **AHU**.

## NX-G06 & NX-N-G06 - Heat recovery

### Standard configuration

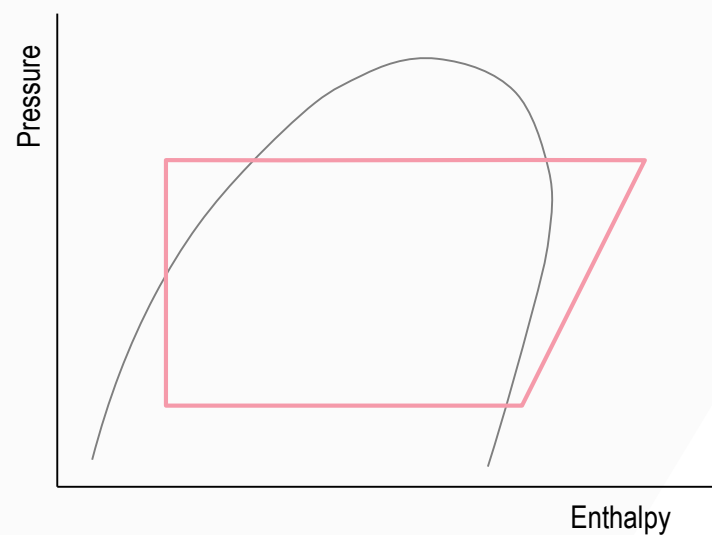
#### Standard



Standard refrigerant circuit.

#### No heat recovery

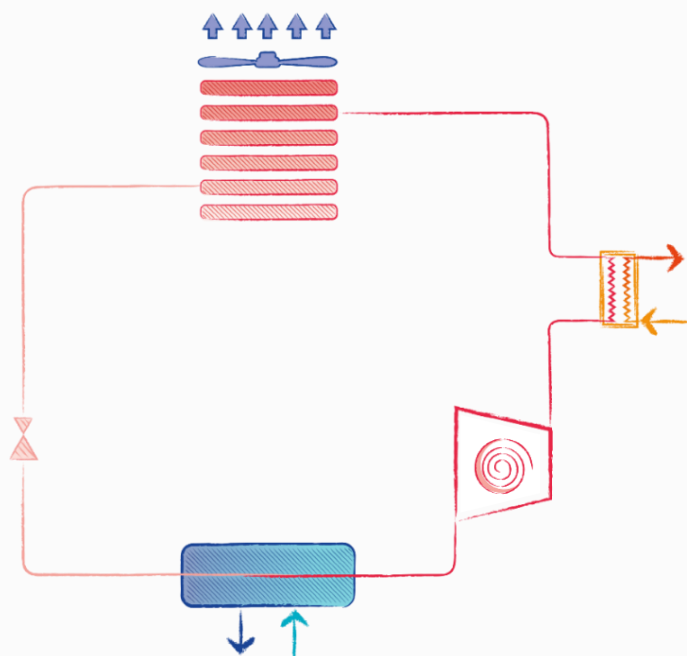
All the condensation heat is dispersed in the air.



## NX-G06 & NX-N-G06 - Heat recovery

### /D - Partial heat recovery configuration

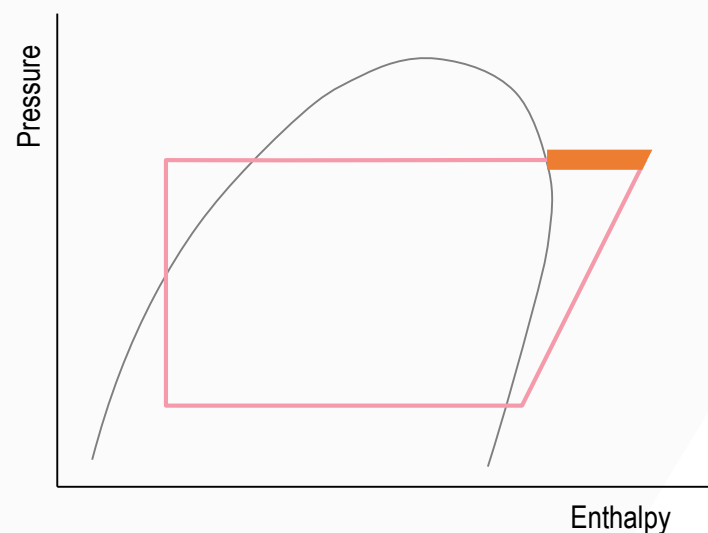
## Partial heat recovery



The refrigerant circuit is fitted with a **desuperheater** in series with the condenser coils.

Approximately  
**20%**  
of the chiller's capacity (\*)

Up to  
**60°C**  
of outlet temperature



(\*) The heat recovery and its amount depend on the unit's operating conditions, in particular the outdoor air temperature and the load percentage.

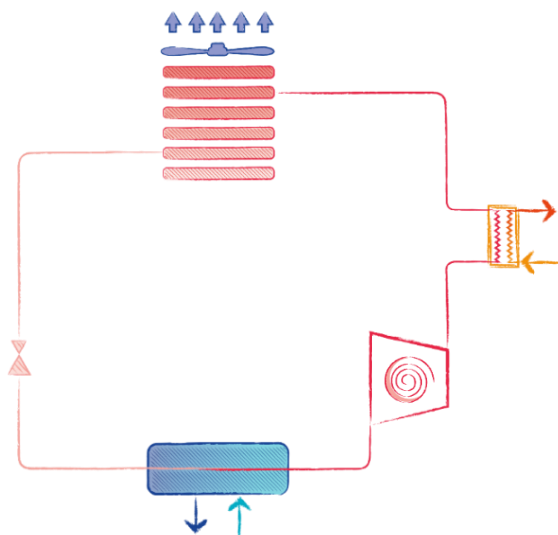
## NX-G06 & NX-N-G06 - Heat recovery

### /D - Partial heat recovery configuration

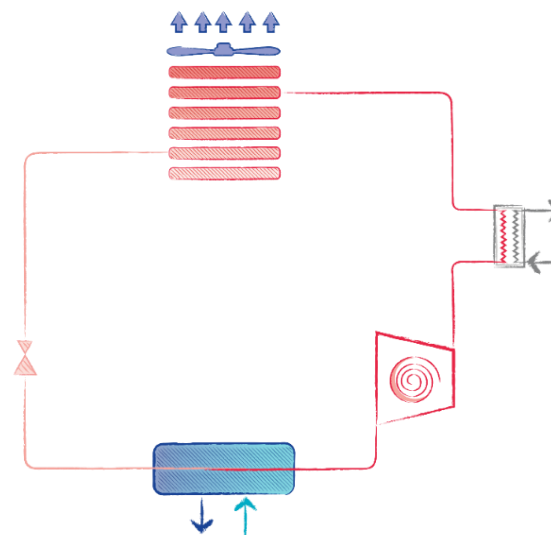
The desuperheater can recover the heat only when the temperature of the hot water circuit is lower than the **compressor discharge temperature**.

It is advised to **interrupt the water flow** to the desuperheater when the conditions for an actual heat recovery are not met.

Heat recovery: **ON**



Heat recovery: **OFF** water flow stopped



COOLING

HEATING

SCROLL

R R454B

# NX-G06 NX-N-G06



Family overview

Technical insight

Controls

Performance

Operating limits

Heat recovery

**Hydronic modules**

Coils & coatings

Further options

# NX-G06 & NX-N-G06 - Hydronic

## Hydronic modules

### Hydronic modules

The **fully integrated hydronic module** (opt.) includes the pumps, the buffer tank, and all the main hydraulic components, for the best **optimization of the installation space, time and costs**.

#### Pumps

- End-suction configuration
- 2-pole motor
- Single or twin pumps
- Low or high head (approx. 100 or 200 kPa).

#### Pumps + Inverter

- External inverter to adjust the waterflow
- Reduced energy consumption through speed regulation (Available for 4 cmpr. units)

#### Pumps + Buffer tank

- Up to 500 liter buffer tank
- 20 mm insulation lining
- Including: expansion vessel, safety valve, manometer.

#### Only terminals

- On/off control or 0-10V signal
- 1 or 2 external pumps

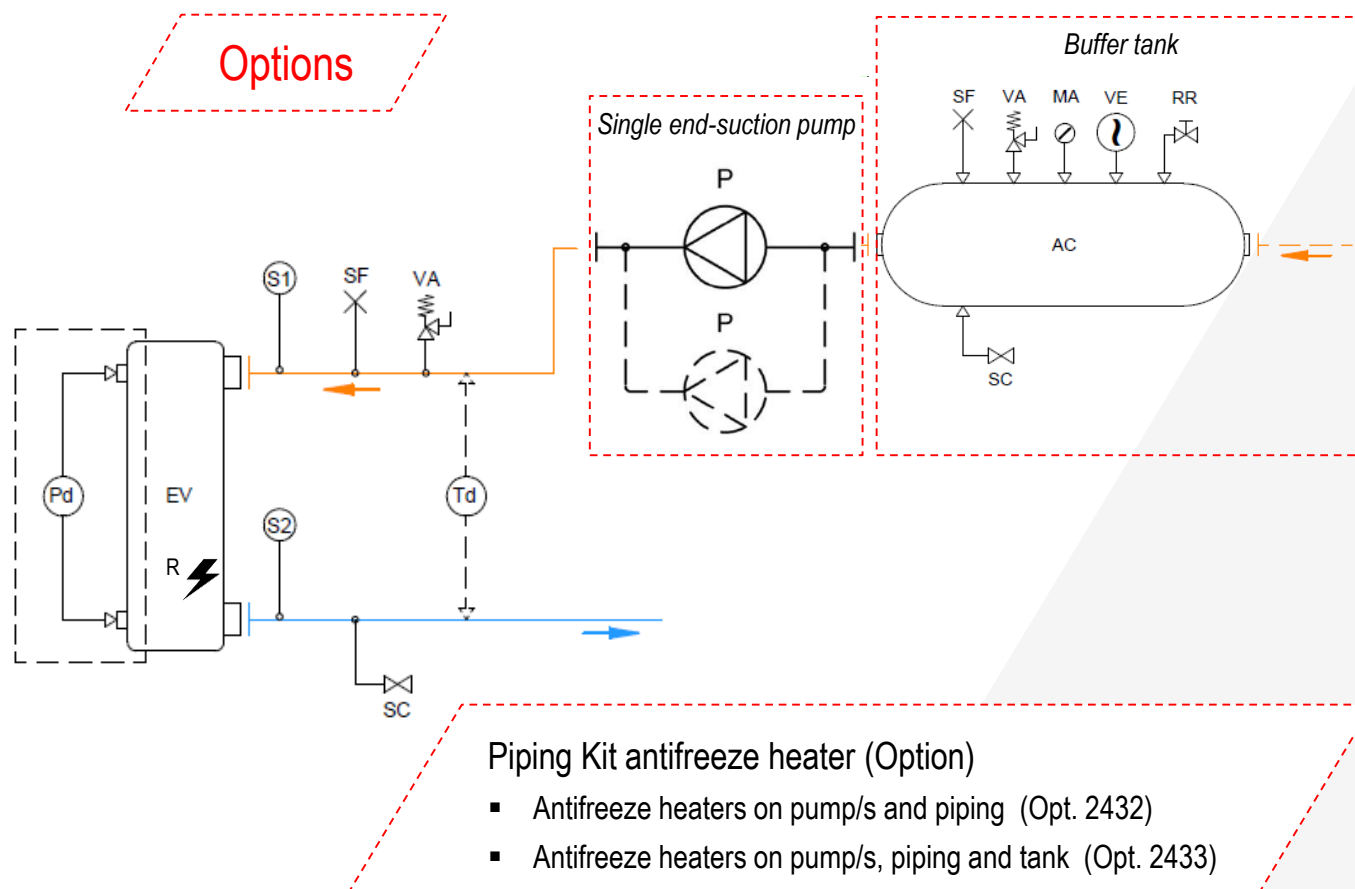
**Sniffer function:** When there is no request for cooling production, the primary pumps (built-in or external) are switched off and activated periodically only to let the unit read the water temperature and sense the cooling request inception.



# NX-G06 & NX-N-G06 - Hydronic

## Hydronic modules

## Hydraulic components



<b>EV</b>	Evaporator
<b>AC</b>	Water tank
<b>MA</b>	Water pressure gauge
<b>P</b>	Water Pump
<b>Pd</b>	Water Diff. Pressure Switch
<b>Td</b>	Diff. pres. transducer (VPF only)
<b>RR</b>	Filling valve
<b>SC</b>	Drain valve
<b>SF</b>	Purge Valve
<b>VA</b>	Safety valve
<b>VE</b>	Expansion tank
<b>R</b>	Electric Heater
<b>S1</b>	Exchanger water inlet probe
<b>S2</b>	Exchanger water outlet probe
<b>SC</b>	Drain valve

COOLING

HEATING

SCROLL

R R454B

# NX-G06 NX-N-G06



Family overview

Technical insight

Controls

Performance

Operating limits

Heat recovery

Hydronic modules

**Coils & coatings**

Further options

## NX-G06 & NX-N-G06 - Coils & coatings

### The environments



**Rural environment**



**Urban environment**

## Different environments need for different solutions



**Marine environment**



**Industrial environment**

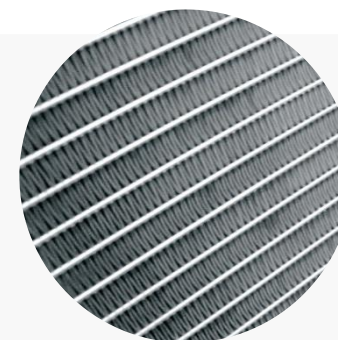
## NX-G06 & NX-N-G06 - Coils & coatings

### Technologies and treatments

#### MICROCHANNEL COILS

Al - Regular (std for Cooling Only Chillers)

Al - E-coating (Opt. 876)



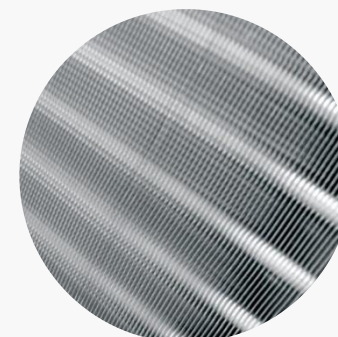
#### TUBE & FIN COILS

Cu/Al - Regular (Opt. 879 / std for Rev. Heat Pumps)

Cu/Al - Pre-painted fins (Opt. 894)

Cu/Al - Spray coating (Opt. 895 / RFQ)

Cu/Cu - Tube & fin coil (Opt. 881)





## NX-G06 & NX-N-G06 - Coils & coatings

### Technologies and treatments

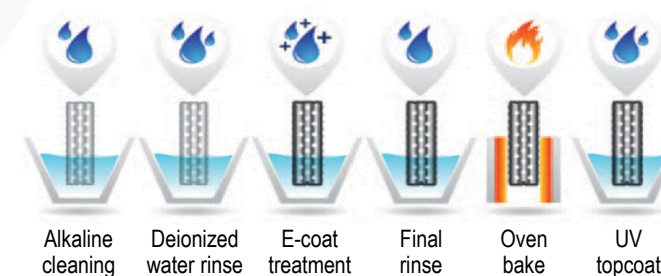
#### MICROCHANNEL COILS

Al - Regular (std for Cooling Only Chillers)

**Al - E-coating (Opt. 876)**



#### E-coating process



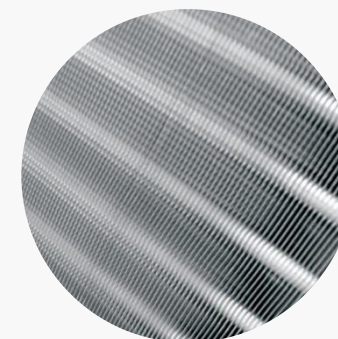
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## NX-G06 & NX-N-G06 - Coils & coatings

### Technologies and treatments

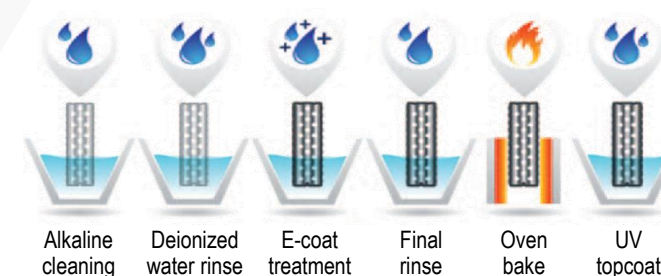
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#### E-coating process



#### TUBE & FIN COILS

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**Cu/Al - Pre-painted fins (Opt. 894)**

**Cu/Al - Spray coating (Opt. 895 / RFQ)**

Cu/Cu - Tube & fin coil (Opt. 881)

#### Pre-painted fins

Polyester resin  
✓ **1000 h** ASTM B117  
✓ UV rays

Opt. 894

#### Fin Guard Silver SB Thermoguard

Polyurethane resin  
✓ **3000 h** ASTM B117  
✓ UV rays

Opt. 895

#### PoluAl XT Blygold

Polyurethane resin  
✓ **4000 h** ASTM B117  
✓ UV rays

RFQ

#### Heresite P-413C Heresite Protective Coating, LLC

Phenolic resin  
✓ **6000 h** ASTM B117  
~ UV rays

RFQ

 COOLING

 HEATING

 SCROLL

R R454B

# NX-G06 NX-N-G06



Family overview

Technical insight

Controls

Performance

Operating limits

Heat recovery

Hydronic modules

Coils & coatings

**Further options**



## NX-G06 & NX-N-G06 - Further options

### Electrical and mechanical accessories

#### Compressor rephasing (Opt. 3301)

The capacitors on the compressor line increase the unit's power factor.

#### Refrigerant leak detector (Opt. 3431-3433)

Factory installed device. In case of a gas leak detection it raises an alarm and stops the units.

#### Soft-starter (Opt. 1511)

Lowers the motor windings' mechanical wear and avoids mains voltage fluctuations during start-up.

#### Dual pressure relief valves (Opt. 1961)

The periodic safety valve maintenance can be done, without removing the refrigerant from the circuit.

#### Energy meter for BMS (Opt. 5924)

Acquires the unit's power consumption data and sends them to the BMS for energy metering (Modbus RS485).

#### Compr. suction and discharge valves (Opt. 5042)

Simplify maintenance activity.

#### Anti-intrusion grilles (Opt. 2021)

Perimeter metal grilles to protect against the intrusion of solid bodies into the unit structure.

#### Water flow switch (supplied loose)

Stops and protects the unit in case the water flow is not sufficient.

#### Rubber anti-vibration mountings (supplied loose)

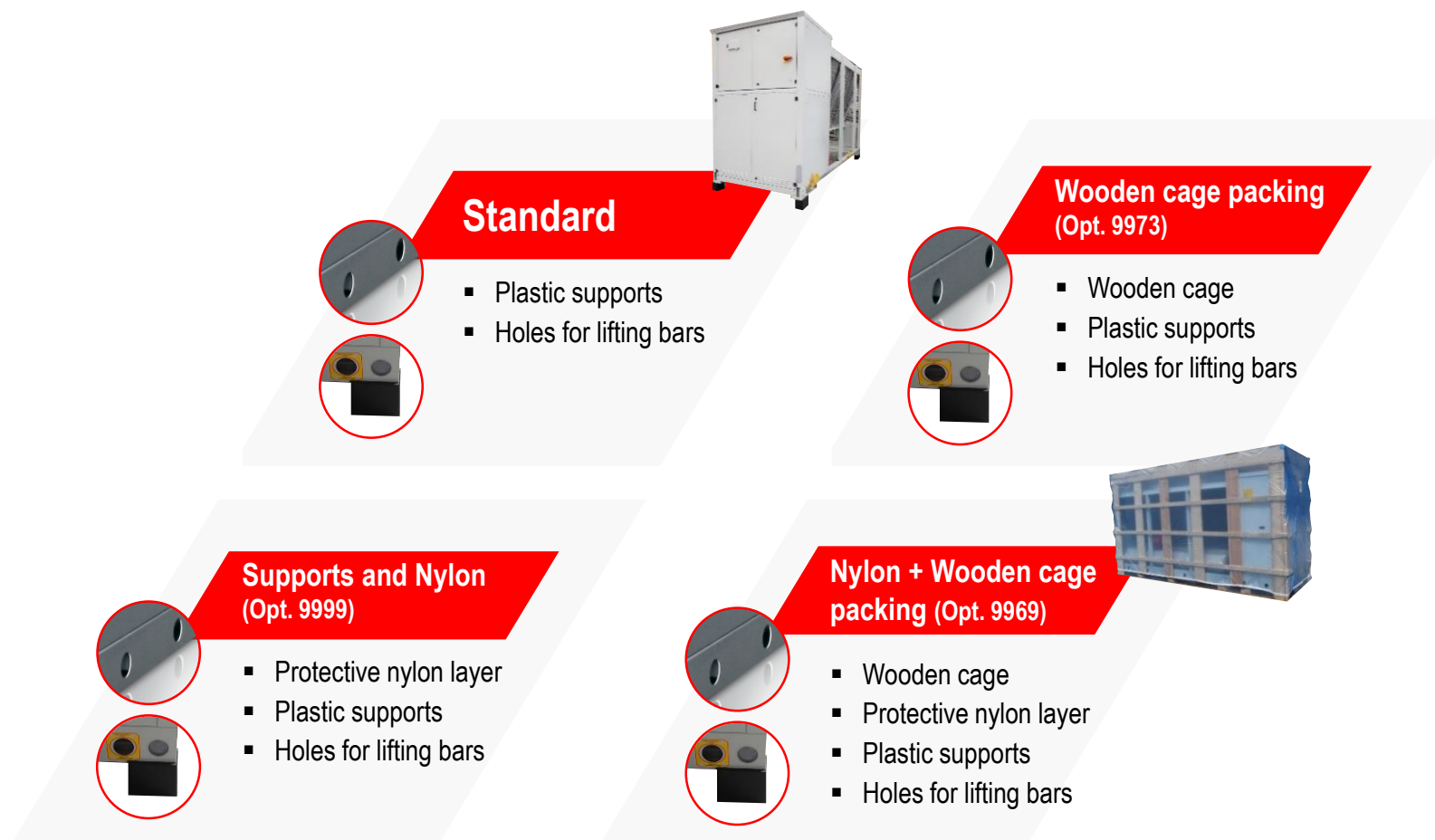
Reduce vibrations, keeping noise transmission to a minimum.

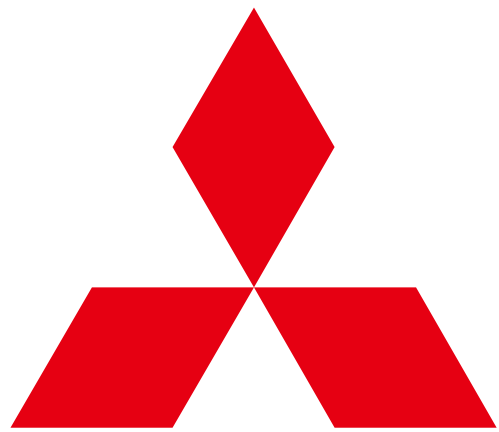
#### Water filter (supplied loose)

Filters the water before the unit's inlet.

## NX-G06 & NX-N-G06 - Further options

### Packing options





**MITSUBISHI  
ELECTRIC**

*Changes for the Better*