### MITSUBISHI ELECTRIC HYDRONICS & IT COOLING SYSTEMS S.p.A.

COMFORT

UNITS FOR SIMULTANEOUS AND INDEPENDENT PRODUCTION OF HOT AND COLD WATER



AIR SOURCE UNITS FOR 4-PIPE SYSTEMS, WITH SCROLL COMPRESSORS, FROM 55,8 TO 298 kW





#### UNITS FOR SIMULTANEOUS AND INDEPENDENT PRODUCTION OF HOT AND COLD WATER



**MAXIMUM COMFORT** 

COMFORT

# <image>

# FOR A GREENER FUTURE

#### Air source units for 4-pipe systems, with scroll compressors and low GWP refrigerant. From 55,8 to 298 kW



NX-Q-G06 multi-purpose units produce hot and cold water simultaneously and independently, in any load combinations while ensuring optimal comfort and the highest energy efficiency all year long. The new G06 range offers an ecofriendly approach: reduced refrigerant charge and R454B low GWP refrigerant ensure the lowest CO<sub>2</sub>eq tons in the market.

The advanced control logic, developed by Mitsubishi Electric Hydronics & IT Cooling Systems ensures that heating and cooling loads are perfectly met.





#### **4-PIPE SYSTEM**

This type of system is suitable for air-conditioning in buildings that require separate areas to be heated and cooled at the same time.

It is combined with centralized solutions capable of producing hot and cold water in the two hydronic circuits of the system, assuring maximum comfort in every room of the building, independently and at any time of the year.

From today, a single intelligent unit is sufficient for the management of these complex systems: INTEGRA.

#### **3 ACOUSTIC VERSIONS**

|    | Standard           | Standard soundproofing equipment   | Baseline |
|----|--------------------|--|----------|
| LN | Low noise          | Increased acoustic insulation, slower fan speed, larger heat exchange surface. | -6 dB(A) |
| SL | Super<br>low noise | The highest level of noise reduction.<br>NO COMPROMISES IN EFFICIENCY!         | -9 dB(A) |

#### **OPERATING RANGE**



#### NEW GENERATION GREEN REFRIGERANT

Fully committed to support the creation of a greener tomorrow, Mitsubishi Electric Hydronics & IT Cooling Systems presents the G06 series heat pumps with reduced environmental impact.

Thanks to the new generation refrigerant R454B, the environmental impact of NX-Q-G06 is greatly reduced. Combining reduced refrigerant charge with a low GWP refrigerant, these units boast the lowest amount of CO<sub>2</sub>eq in the scroll unit market, thus resulting as the perfect choice for any new forward looking installation.



#### **TOP-LEVEL EFFICIENCIES**



TER, Total Efficiency Ratio is the Mitsubishi Electric index calculated as the ratio between the sum of the delivered heating and cooling power and electrical power input. TER, considered today the most effective way of representing the real efficiency of the 4-pipe unit, is calculated as the sum of the performance in hot and cold water production.



R454B

## **TECHNOLOGICAL CHOICES**



#### W3000+ CONTROL

#### Management software developed fully in-house

- Proprietary settings for faster adaptive responses to different dynamics
- > Enhanced diagnostics thanks to the black box function
- Connectivity with the most commonly used BMS protocols (Opt.)

#### Large keyboard



- Large LCD display and functional keys
- Quick and easy parameter consultation and adjustment by means of a multi-level menu
- KIPlink, the innovative Wi-Fi interface, is available as an option.

#### Highly resistant finned coils

Copper and aluminum tube & fins coils

- Ideally designed to optimize airflow and heat transfer
- Protective coating available for harsh industrial and marine environments (Opt.)

#### Scroll compressors

New generation scroll compressors, developed for the use of high density A2L refrigerants (Fluid Group 1 of PED Directive).

> Specific oil management solution for enhanced reliability





#### FANS

#### High performing, axial fans:

- Different sizes and speeds to perfectly fit the requirements of each unit model
- Speed control (DVV) based on refrigerant pressure

#### UP TO + 8% MORE SEASONAL EFFICIENCY



#### EC fans

- Continuous regulation of the air flow
- Reduced power consumption and increased efficiencies at partial loads

#### Plate heat exchanger

Compact and robust, made of AISI 316 steel plates, copper-brazed.

- Low pressure drops
- Fully protected against ice formation
- Closed-cell neoprene external lining



#### HYDRONIC MODULES

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

#### Pumps

- In-line configuration
- ▶ 2-pole motor
- Single or twin pumps
- Low or high head (approx. 100 or 200 kPa)

#### Pumps + Inverter

- In-line speed-controlled pumps in single or twin version
- Energy savings up to 50% compared to conventional pumps

#### **Only terminals**

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

#### **ADVANCED FUNCTIONS**

#### **NIGHT MODE**

The advanced control system is engineered to maintain optimal comfort conditions according to occupancy needs and variations.

Thanks to the night mode function, the unit lowers its sound emissions leveraging on a reduced usage of its resources and offering excellent acoustic comfort during low load periods.

#### SMART DEFROST

Thanks to the extensive know-how in heat pump technology, a series of smart proprietary auto adaptive algorithms have been developed to manage the defrosting cycles in the smartest way.

- Reduction in defrosting time
- Minimum impact on leaving water temperature
- Reduction of energy required for defrosting
- Increase of COP



## **ACCESSORIES AND FURTHER OPTIONS**

#### **KIPlink user interface**



#### An exclusive product of

**Mitsubishi Electric Hydronics & IT Cooling Systems.** Based on Wi-Fi technology, KIPlink is an option that allows one to operate on the unit directly from a mobile device (smartphone, tablet, or notebook) by simply scanning the QR code positioned on the unit.



#### **MAIN FEATURES**



#### Easier on-site operation

Monitor each component while moving around the unit for maintenance operations.

View and change all parameters with easy-to-understand screenshots and dedicated tooltips. Get devoted "help" messages / 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.

#### **TYPES OF COILS**

#### **TUBE & FINS COILS**

#### Cu/Al - Regular



#### Cu/Al - Pre-painted fins

- Fins treated with protective polyester resin paint.
- 1000 h of salt spray protection as per ASTM B117.
- Excellent resistance to UV rays.

#### Cu/AI - Fin Guard Silver SB

- Polyurethane paint with metallic emulsion.
- 3000 h of salt spray protection as per ASTM B117.
- Excellent resistance to UV rays.

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| Set-point<br>adjustment      | <ul><li>4-20 mA: Enables remote set-point adjustments (analog input).</li><li>Double set-point: Enables the remote switch between 2 set-points (digital input).</li><li>Set-point compensation: Automatic adjustment of the set-point on the basis of the outdoor temperature.</li></ul>   |
|------------------------------|--|
| Control<br>functions         | Night mode: Limits the unit sound level reducing the usage of the resources.<br>U.L.C. User Limit Control: Controls a mixing valve (not included) to ensure a safe start-up<br>and operation of the unit even in critical conditions.<br>Remote probe: Controls the unit's and pump's activation on the base of the water temperature<br>of the buffer tank or hydraulic decoupler.<br>Demand limit: Limits the unit's power absorption for safety reasons or in temporary situations (digital input). |
| Electrical                   | Compressor rephasing: The capacitors on the compressors' line increase the unit's power factor.<br>Soft-starter: Manages the inrush current enabling lower motor windings' mechanical wear, avoidance of mains voltage<br>fluctuations during starting and favorable sizing for the electrical system.   |
| Connectivity                 | Serial card interface module to allow integration with BMS protocols:<br>Modbus / LonWorks / BACnet MS/TP / BACnet over IP / Konnex / Modbus TCP/IP/ SNMP  |
| Energy<br>Meter              | Energy meter for BMS: Acquires electrical data and the power absorbed by the unit and sends them the BMS for energy metering (Modbus RS485).<br>Energy meter for W3000: The electrical data acquired is available directely on the unit's control.   |
| Refrigerant<br>circuit       | Compressor suction and discharge valves: Installed for each compressor tandem or trio, the valves simplify maintenance activities.<br>Dual pressure relief valves with switch: One valve is isolated from the refrigerant circuit while the other is in service.<br>The user can work on the isolated valve for periodic maintenance or replacement, without removing the refrigerant from the circuit.  |
| Refrigerant<br>leak detector | Leak detector: Factory installed device. In case of a gas leak detection it raises an alarm.<br>Leak detector + compressor off: Factory installed device. In case of a gas leak detection it raises an alarm<br>and stops the units.   |
| Hydraulic                    | Water flow switch: Designed to protect the unit when the water flow across the evaporator is not sufficient<br>and falls outside of the operating parameters.<br>Water filter: Filters the water before the unit's inlet.  |
| Structure                    | Anti-intrusion grilles: Perimeter metal grilles to protect against the intrusion of solid bodies into the unit structure.<br>Spring or rubber type anti-vibration mountings: Reduce vibrations, keeping noise transmission to a minimum.   |
| Packing                      | Standard or nylon packing: The unit is provided with plastic supports, with or without a protective nylon layer.<br>Wooden cage packing: The unit is provided with a robust wooden cage, with or without a protective nylon layer.   |





## NX-Q-G06 0202P - 0602P

unit for 4-pipe systems, air source for outdoor installation

| NX-Q-G06                            |           |            | 0202P       | 0252P       | 0262P       | 0302P       | 0402P       | 0502P       | 0602P       |
|-------------------------------------|-----------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Power supply                        |           | V/ph/Hz    | 400/3+N/50  |
| PERFORMANCE                         |           | 17 p11/112 | 100/0111/00 | 100/0110/00 | 100/0110/00 | 100/0110/00 | 100/0110/00 | 100/0110/00 | 100/0110/00 |
| COOLING ONLY (GBOSS VALUE)          |           |            |             |             |             |             |             |             |             |
| Cooling capacity                    | (1)       | kW         | 55.80       | 61 47       | 68 70       | 82 11       | 106.2       | 132.3       | 161.8       |
| Total power input                   | (1)       | kW         | 16 44       | 17.86       | 20,70       | 23.86       | 31 12       | 39.38       | 52 53       |
| FFB                                 | (1)       | kW/kW      | 3 402       | 3 436       | 3 319       | 3 435       | 3 415       | 3,358       | 3 082       |
| COOLING ONLY (EN14511 VALUE)        | (1)       | 10171011   | 0.102       | 0.100       | 0.010       | 0.100       | 0.110       | 0.000       | 0.002       |
| Cooling capacity                    | (1)(2)    | kW         | 55 70       | 61 40       | 68 60       | 82.00       | 106.1       | 132.1       | 161.5       |
| FFB                                 | (1)(2)    | kW/kW      | 3 370       | 3 410       | 3 290       | 3 410       | 3,380       | 3,320       | 3 040       |
| ESEEB                               | (1)(2)    | kW/kW      | -           | -           | -           | -           | -           | -           | -           |
| HEATING ONLY (GROSS VALUE)          | (1)(4)    | 1000/1000  |             |             |             |             |             |             |             |
| Total heating canacity              | (3)       | kW         | 58.20       | 64 61       | 72 17       | 86 49       | 110.6       | 139.1       | 170.3       |
| Total nower input                   | (3)       | kW         | 16.32       | 17.95       | 19.95       | 23.82       | 30.47       | 38 50       | 48 43       |
| COP                                 | (3)       | k\\//k\\/  | 3 571       | 3 609       | 3 610       | 3 634       | 3 626       | 3 613       | 3 519       |
| HEATING ONLY (EN14511 VALUE)        | (0)       | 1(00/1(00  | 0.071       | 0.000       | 0.010       | 0.004       | 0.020       | 0.010       | 0.010       |
| Total heating capacity              | (2)(3)    | kW         | 58.30       | 64 70       | 72.30       | 86.60       | 110.8       | 139.3       | 170.6       |
| COP                                 | (2)(3)    | kW/kW      | 3 550       | 3 580       | 3 590       | 3 610       | 3 600       | 3 580       | 3 480       |
| COOLING WITH TOTAL HEAT BECOVER     | RY (2)(0) | 1007/1007  | 0.000       | 0.000       | 0.000       | 0.010       | 0.000       | 0.000       | 0.100       |
| Cooling capacity                    | (4)       | kW         | 56 56       | 61 69       | 70.15       | 83 41       | 107.4       | 134.1       | 169.4       |
| Total nower input                   | (4)       | kW         | 14 56       | 16.02       | 18 34       | 21.68       | 28.18       | 36 55       | 46.89       |
| Recovery heat exchanger canacity    | (4)       | kW         | 70.24       | 76 75       | 87.39       | 103.8       | 133.9       | 168.5       | 213 5       |
| TFR                                 | (1)       | kW/kW      | 8 685       | 8 650       | 8 607       | 8 627       | 8 557       | 8 290       | 8 164       |
|                                     |           | 1017/1011  | 0.000       | 0.000       | 0.001       | 0.021       | 0.001       | 0.200       | 0.101       |
| SEASONAL EFFICIENCY IN COOLING (    | Reg FII:  | 2016/2281  | )           |             |             |             |             |             |             |
| Ambient refrigeration               |           |            | /           |             |             |             |             |             |             |
| Prated c                            | (11)      | kW         | _           | -           | -           | -           | -           | -           | -           |
| SEEB                                | (11)(12)  |            | _           | -           | -           | -           | -           | -           | -           |
| Performance ns                      | (11)(13)  | %          | -           | _           | _           | -           | -           | _           | -           |
| SEASONAL EFFICIENCY IN HEATING (    | Rea FILS  | 313/2013)  |             |             |             |             |             |             |             |
| PDesign                             | (5)       | kW         | 41 7        | 47.2        | 53.1        | 62.9        | 79.5        | 102         | 129         |
| SCOP                                | (5)(14)   |            | 3 74        | 3.86        | 3.88        | 3.82        | 3 78        | 3 76        | 3 73        |
| Performance ns                      | (5)(15)   | %          | 147         | 151         | 152         | 150         | 148         | 147         | 146         |
| Seasonal efficiency class           | (16)      | 70         | A+          | A++         | A++         | A++         | -           | -           | -           |
| EXCHANGERS                          | (10)      |            |             |             |             |             |             |             |             |
| HEAT EXCHANGER USER SIDE IN REF     | RIGERATI  | ION        |             |             |             |             |             |             |             |
| Water flow                          | (1)       | //s        | 2 668       | 2 940       | 3 285       | 3 927       | 5 080       | 6 329       | 7 739       |
| Pressure drop at the heat exchanger | (1)       | kPa        | 14.6        | 17.7        | 15.8        | 17.9        | 20.5        | 24.1        | 29.3        |
| HEAT EXCHANGER USER SIDE IN HEA     | TING      |            | ,-          | ,.          | ,.          | ,=          | ,-          | , .         | ,_          |
| Water flow                          | (3)       | l/s        | 2.809       | 3.119       | 3,484       | 4.175       | 5.340       | 6.712       | 8.218       |
| Pressure drop at the heat exchanger | (3)       | kPa        | 16.2        | 19.9        | 17.8        | 20.2        | 22.7        | 27.2        | 33.1        |
| REFRIGERANT CIRCUIT                 | (-)       |            | ,_          | , .         | ,=          | ,_          | ,.          | ,_          | ,.          |
| Compressors nr.                     |           | N°         | 2           | 2           | 2           | 2           | 2           | 2           | 2           |
| No. Circuits                        |           | N°         | 2           | 2           | 2           | 2           | 2           | 2           | 2           |
| Refrigerant charge                  |           | kg         | 20,6        | 25,6        | 27,8        | 33,4        | 48,2        | 54,4        | 54,9        |
| NOISE LEVEL                         |           | Ū          | ,           | ,           | ,           | ,           | ,           | ,           | ,           |
| Sound Pressure                      | (6)       | dB(A)      | 53          | 53          | 53          | 54          | 55          | 56          | 56          |
| Sound power level in cooling        | (7)(8)    | dB(A)      | 85          | 85          | 85          | 86          | 87          | 88          | 88          |
| Sound power level in heating        | (7)(9)    | dB(A)      | 85          | 85          | 85          | 86          | 87          | 88          | 88          |
| SIZE AND WEIGHT                     | ( )(-)    | /          |             |             |             |             |             |             |             |
| Length                              | (10)      | mm         | 2625        | 2625        | 2625        | 3250        | 3875        | 4500        | 4500        |
| Width                               | (10)      | mm         | 1350        | 1350        | 1350        | 1350        | 1350        | 1350        | 1350        |
| Height                              | (10)      | mm         | 2070        | 2070        | 2070        | 2070        | 2070        | 2070        | 2070        |
| Operating weight                    | (10)      | kg         | 950         | 990         | 1000        | 1130        | 1310        | 1620        | 1650        |

#### Notes:

- Plant (side) cooling exchanger water (in/out) 12°C/7°C; Source (side) heat exchanger air (in) 35°C.
- Values in compliance with EN14511 2
- 3
- Plant (side) heat exchanger water (in/out) 40°C/45°C; Source (side) heat exchanger air (in) 7°C 87% R.H. Plant (side) cooling exchanger water (in/out) 12°C/7°C; Plant (side) heat exchanger water (in/out) 40°C/45°C. Parameter calculated for LOW-TEMPERATURE application in AVERAGE climate conditions according to 4 5
- [REGULATION (EU) N. 813/2013] Average sound pressure level at 10m distance, unit in a free field on a reflective surface;
- 6
- non-binding value calculated from the sound power level. 7 Sound power on the basis of measurements made in compliance with ISO 9614.
- 8 Sound power level in cooling, outdoors.

- 9 Sound power level in heating, outdoors.
- 10 Unit in standard configuration/execution, without optional accessories. 11 Parameter calculated according to [REGULATION (EU) N. 2016/2281]
- 12 Seasonal energy efficiency ratio
- 13 Seasonal space cooling energy efficiency
  14 Seasonal coefficient of performance
- 15 Seasonal space heating energy efficiency 16 Energy efficiency class referred to LOW-TEMPERATURE application in AVERAGE
- climate conditions according to [REGULATION (EU) N. 811/2013] The units highlighted in this publication contain R454B [GW<sub>P100</sub> 466] fluorinated greenhouse gases.

Certified data in EUROVENT





| NX-0-606 /SI                        |            |           | 0202P        | 0252P       | 0262P       | 0302P        | 0402P       | 0502P       |
|-------------------------------------|------------|-----------|--------------|-------------|-------------|--------------|-------------|-------------|
| Power supply                        |            | V/pb/Hz   | 400/2 I N/50 | 400/2 JN/50 | 400/2 N/50  | 400/2 I N/50 | 400/2 LN/50 | 400/2 LN/50 |
|                                     |            | v/pri/nz  | 400/3+10/30  | 400/3+11/30 | 400/3+10/30 | 400/3+10/30  | 400/3+11/30 | 400/3+10/30 |
|                                     |            |           |              |             |             |              |             |             |
| Cooling apposite                    | (1)        | LAM       | EC 14        | 60.6F       | 69.60       | 01.00        | 104.0       | 105 5       |
| Cooling capacity                    | (1)        | KW        | 30,14        | 10,00       | 00,09       | 01,39        | 104,2       | 120,0       |
| TOTAL POWER INPUT                   | (1)        |           | 10,00        | 10,00       | 20,00       | 23,70        | 31,12       | 41,10       |
|                                     | (1)        | KVV/KVV   | 3.404        | 3.307       | 3.301       | 3.420        | 3.330       | 3.040       |
| COULING UNLY (EN14511 VALUE)        | (1)(0)     | 1.3.67    | FC 10        | CO CO       | 00.00       | 01.00        | 101.0       | 105.0       |
| Cooling capacity                    | (1)(2)     | KVV       | 50,10        | 60,60       | 68,60       | 81,30        | 104,0       | 125,3       |
| EER                                 | (1)(2)     | KW/KW     | 3.460        | 3.330       | 3.320       | 3.400        | 3.320       | 3.020       |
| ESEER                               | (1)(2)     | KW/KW     | -            | -           | -           | -            | -           | -           |
| HEATING ONLY (GROSS VALUE)          | (0)        |           | 50.07        | o           | 70 70       | 07.50        |             | 105.0       |
| lotal heating capacity              | (3)        | kW        | 59,67        | 64,45       | 73,73       | 87,50        | 111,7       | 135,6       |
| lotal power input                   | (3)        | kW        | 16,15        | 17,74       | 19,81       | 23,46        | 30,07       | 37,19       |
| СОР                                 | (3)        | kW/kW     | 3.685        | 3.644       | 3.722       | 3.723        | 3.711       | 3.645       |
| HEATING ONLY (EN14511 VALUE)        |            |           |              |             |             |              |             |             |
| Total heating capacity              | (2)(3)     | kW        | 59,80        | 64,50       | 73,80       | 87,60        | 111,8       | 135,8       |
| COP                                 | (2)(3)     | kW/kW     | 3.660        | 3.620       | 3.700       | 3.690        | 3.680       | 3.610       |
| COOLING WITH TOTAL HEAT RECOVE      | RY         |           |              |             |             |              |             |             |
| Cooling capacity                    | (4)        | kW        | 56,56        | 61,69       | 70,15       | 83,41        | 107,4       | 134,1       |
| Total power input                   | (4)        | kW        | 14,56        | 16,02       | 18,34       | 21,68        | 28,18       | 36,55       |
| Recovery heat exchanger capacity    | (4)        | kW        | 70,24        | 76,75       | 87,39       | 103,8        | 133,9       | 168,5       |
| TER                                 |            | kW/kW     | 8.685        | 8.650       | 8.607       | 8.627        | 8.557       | 8.290       |
| ENERGY EFFICIENCY                   |            |           |              |             |             |              |             |             |
| SEASONAL EFFICIENCY IN COOLING      | (Reg. EU   | 2016/2281 | )            |             |             |              |             |             |
| Ambient refrigeration               |            |           |              |             |             |              |             |             |
| Prated,c                            | (11)       | kW        | -            | -           | -           | -            | -           | -           |
| SEER                                | (11)(12)   |           | -            | -           | -           | -            | -           | -           |
| Performance ns                      | (11)(13)   | %         | -            | -           | -           | -            | -           | -           |
| SEASONAL EFFICIENCY IN HEATING      | (Reg. EU 8 | 813/2013) |              |             |             |              |             |             |
| PDesian                             | (5)        | kW ,      | 43.5         | 46.7        | 54.0        | 63.9         | 80.6        | 101         |
| SCOP                                | (5)(14)    |           | 3,91         | 3,90        | 4,01        | 3,97         | 3,90        | 3,86        |
| Performance ns                      | (5)(15)    | %         | 153          | 153         | 157         | 156          | 153         | 151         |
| Seasonal efficiency class           | (16)       |           | A++          | A++         | A++         | A++          | -           | -           |
| EXCHANGERS                          | ()         |           |              |             |             |              |             |             |
| HEAT EXCHANGER USER SIDE IN REI     | FRIGERAT   | ION       |              |             |             |              |             |             |
| Water flow                          | (1)        | l/s       | 2 685        | 2 900       | 3 285       | 3 892        | 4 981       | 6 002       |
| Pressure drop at the heat exchanger | (1)        | kPa       | 14.8         | 17.2        | 15.8        | 17.6         | 19.7        | 21.7        |
| HEAT EXCHANGER USER SIDE IN HE      | ATING      |           | ,=           | ,_          | ,.          | ,=           | ,.          | ,.          |
| Water flow                          | (3)        | l/s       | 2 880        | 3 1 1 1     | 3 559       | 4 224        | 5 390       | 6 545       |
| Pressure drop at the heat exchanger | (3)        | kPa       | 17.0         | 19.8        | 18.5        | 20.7         | 23.1        | 25.8        |
| BEERIGERANT CIRCUIT                 | (0)        | Nu        | 17,0         | 15,0        | 10,0        | 20,7         | 20,1        | 20,0        |
| Compressors pr                      |            | N°        | 2            | 2           | 2           | 2            | 2           | 2           |
| No. Circuite                        |            | Nº        | 2            | 2           | 2           | 2            | 2           | 2           |
| Refrigerant charge                  |            | ka        | 25.0         | 26.0        | 37.8        | 44.0         | /0.7        | 53.5        |
|                                     |            | ĸy        | 20,0         | 20,3        | 57,0        | 44,0         | 43,1        | 00,0        |
| Sound Prossure                      | (6)        | dB(A)     | 48           | 48          | 48          | /0           | 50          | 52          |
| Sound nower level in cooling        | (7)(8)     | dB(A)     | 80           | 40          | 40          | 45           | 82          | 8/          |
| Sound power level in cooling        | (7)(0)     | dB(A)     | 80           | 80          | 80          | Q1           | 02          | 04          |
|                                     | (7)(9)     | ub(A)     | 00           | 00          | 00          | 01           | υZ          | 04          |
| JALL AND WEIGHT                     | (10)       | mm        | 3350         | 2050        | 2050        | 2075         | 4500        | 4500        |
| Width                               | (10)       |           | 1250         | 1250        | 1250        | 3070         | 4000        | 4000        |
| Wiuti                               | (10)       |           | 1300         | 1300        | 1300        | 1330         | 1300        | 1300        |
| Departing weight                    | (10)       | 11111     | 2070         | 2070        | 2070        | 2070         | 2070        | 2070        |
| Operating weight                    | (10)       | кg        | 1060         | 1060        | 1120        | 1270         | 1490        | 1630        |

#### Notes:

- Plant (side) cooling exchanger water (in/out) 12°C/7°C; Source (side) heat exchanger air (in) 35°C.
   Values in compliance with EN14511
- 3
- Plant (side) heat exchanger water (in/out) 40°C/45°C; Source (side) heat exchanger air (in) 7°C 87% R.H. Plant (side) cooling exchanger water (in/out) 12°C/7°C; Plant (side) heat exchanger water (in/out) 40°C/45°C. Parameter calculated for LOW-TEMPERATURE application in AVERAGE climate conditions according to 4
- 5 
   REGULATION (EU) N. 813/2013]

   Average sound pressure level at 10m distance, unit in a free field on a reflective surface;
- sound power on the basis of measurements made in compliance with ISO 9614. 7

8 Sound power level in cooling, outdoors.

- Sound power level in heating, outdoors.
   Unit in standard configuration/execution, without optional accessories.
   Parameter calculated according to [REGULATION (EU) N. 2016/2281]
- 12 Seasonal energy efficiency ratio
- 13 Seasonal space cooling energy efficiency 14 Seasonal coefficient of performance
- 15 Seasonal space heating energy efficiency 16 Energy efficiency class referred to LOW-TEMPERATURE application in AVERAGE climate
- conditions according to (REGULATION (EU) N. 811/2013) The units highlighted in this publication contain R454B [GW<sub>P100</sub> 466] fluorinated greenhouse gases.

Certified data in EUROVENT





## NX-Q-G06 0604 - 1204

unit for 4-pipe systems, air source for outdoor installation

| NX-Q-G06   |   |  | 0604   | 0704  | 0804  | 0904  | 1004  | 1104   | 1204   |  |
|--|---|--|--|---|---|---|---|--|--|--|
| Power supply<br>PERFORMANCE  |   | V/ph/Hz  | 400/3/50   | 400/3/50  | 400/3/50  | 400/3/50  | 400/3/50  | 400/3/50   | 400/3/50   |  |
| COOLING ONLY (GROSS VALUE)<br>Cooling capacity   | (1)   | kW   | 143.9  | 159.6   | 181.2   | 202.6   | 230.4   | 266.0  | 298.3  |  |
| Total power input<br>FFB   | (1)<br>(1)  | kW<br>kW/kW  | 54,98<br>2.616   | 64,32<br>2,482  | 70,66<br>2,563  | 79,45<br>2,548  | 89,22<br>2,583  | 100,2  | 112,3<br>2,656   |  |
| COOLING ONLY (EN14511 VALUE)   | (1)(2)  | kW   | 143 5  | 159.3   | 180.9   | 202.3   | 230.1   | 265.6  | 298.0  |  |
| EER  | (1)(2)  | kW/kW  | 2.580  | 2.450   | 2.530   | 2.520   | 2.550   | 2.620  | 2.630  |  |
| HEATING ONLY (GROSS VALUE)   | (1)(2)  | KVV/KVV  | -  | -   | -   | -   | -   | -  | -  |  |
| Total power input  | (3)   | kw<br>kW   | 53,16  | 174,3<br>59,45  | 66,00   | 220,1<br>72,97  | 250,5<br>84,23  | 288,0<br>95,24   | 323,3<br>106,4   |  |
| COP<br>Heating only (En14511 Value)  | (3)   | kW/kW  | 2.955  | 2.934   | 2.982   | 3.015   | 2.975   | 3.025  | 3.039  |  |
| Total heating capacity<br>COP  | (2)(3)<br>(2)(3)  | kW<br>kW/kW  | 157,5<br>2,920   | 174,6<br>2,900  | 197,1<br>2,940  | 220,5<br>2,980  | 250,9<br>2,940  | 288,4<br>2,990   | 323,7<br>3.000   |  |
| COOLING WITH TOTAL HEAT RECOVERY   | (4)   | kW   | 144.9  | 165.8   | 186.3   | 211.1   | 236.1   | 269.2  | 304.0  |  |
| Total power input  | (4)   | kW   | 46,30  | 53,06   | 59,97   | 67,08   | 74,20   | 86,31<br>250.4   | 97,26  |  |
| TER  | (4)   | kW/kW  | 7.201  | 7.183   | 7.150   | 7.231   | 7.305   | 7.180  | 7.188  |  |
| ENERGY EFFICIENCY<br>SEASONAL EFFICIENCY IN COOLING (Reg. EU 2016/2281)  |   |  |  |   |   |   |   |  |  |  |
| Ambient refrigeration<br>Prated,c  | (11)  | kW   | -  | -   | -   | -   | -   | -  | -  |  |
| SEER<br>Performance ns   | (11)(12)<br>(11)(13)  | %  | -  | -   | -   | -   | -   | -  | -  |  |
| SEASONAL EFFICIENCY IN HEATING (Reg. E<br>PDesign  | U 813/201   | 3)<br>kW   | 120  | 134   | 148   | 163   | 194   | 219  | 241  |  |
| SCOP<br>Performance ns   | (5)(14)   | %  | 3,53   | 3,54  | 3,65  | 3,49  | 3,49  | 3,57   | 3,54   |  |
| Seasonal efficiency class  | (16)  | 70   | -  | -   | -   | -   | -   | -  | -  |  |
| HEAT EXCHANGER USER SIDE IN REFRIGER   | ATION   | 1/-  | 0.000  | 7 001   | 0.007   | 0.000   | 11.00   | 10.70  | 14.07  |  |
| Pressure drop at the heat exchanger  | (1)   | kPa  | 0.880  | 39,6  | 40,3  | 9.689<br>39,4   | 40,9  | 43,6   | 43,5   |  |
| HEAT EXCHANGER USER SIDE IN HEATING<br>Water flow  | (3)   | l/s  | 7.589  | 8.413   | 9.498   | 10,63   | 12,09   | 13,90  | 15,60  |  |
| Pressure drop at the heat exchanger<br>REFRIGERANT CIRCUIT   | (3)   | kPa  | 50,3   | 52,3  | 54,3  | 54,7  | 58,7  | 58,1   | 59,6   |  |
| Compressors nr.<br>No. Circuits  |   | N°<br>N°   | 4<br>2   | 4   | 4   | 4   | 4   | 4  | 4  |  |
| Refrigerant charge   |   | kg   | 38,3   | 38,4  | 54,2  | 57,3  | 60,5  | 72,5   | 97,2   |  |
| Sound Pressure   | (6)   | dB(A)  | 60   | 60  | 60  | 61  | 62  | 63   | 63   |  |
| Sound power level in heating   | (7)(8)  | dB(A)  | 92   | 92  | 92  | 93  | 94  | 95   | 95   |  |
| Length   | (10)  | mm   | 3110   | 3110  | 3110  | 4110  | 4110  | 4110   | 4110   |  |
| Width<br>Height  | (10)<br>(10)  | mm<br>mm   | 2220<br>2150   | 2220<br>2150  | 2220<br>2150  | 2220<br>2150  | 2220<br>2150  | 2220<br>2150   | 2220<br>2150   |  |
| Operating weight   | (10)  | kg   | 1660   | 1730  | 1850  | 2130  | 2370  | 2540   | 2680   |  |
|  |   |  |  |   |   |   |   |  |  |  |
| NX-Q-G06 /LN   |   |  | 0604   | 0704  | 0804  | 0904  | 1004  | 1104   | 1204   |  |
| NX-Q-G06 /LN<br>Power supply<br>PERFORMANCE  |   | V/ph/Hz  | <b>0604</b><br>400/3/50  | <b>0704</b><br>400/3/50   | <b>0804</b><br>400/3/50   | <b>0904</b><br>400/3/50   | <b>1004</b><br>400/3/50   | <b>1104</b><br>400/3/50  | <b>1204</b><br>400/3/50  |  |
| NX-Q-GO6 /LN<br>Power supply<br>PERFORMANCE<br>COOLING ONLY (GROSS VALUE)<br>Cooling carecity  | (1)   | V/ph/Hz<br>kW  | 0604<br>400/3/50   | <b>0704</b><br>400/3/50   | 0804<br>400/3/50  | <b>0904</b><br>400/3/50   | <b>1004</b><br>400/3/50<br>218 2  | <b>1104</b><br>400/3/50  | <b>1204</b><br>400/3/50<br>279 1   |  |
| NX-Q-G06 /LN<br>Power supply<br>PERFORMANCE<br>COOLING ONLY (GROSS VALUE)<br>Cooling capacitly<br>Total power input  | (1)<br>(1)  | V/ph/Hz<br>kW<br>kW  | <b>0604</b><br>400/3/50<br>137,4<br>55,04<br>2,408   | 0704<br>400/3/50<br>150,8<br>65,63<br>2 200   | 0804<br>400/3/50<br>170,1<br>73,27<br>2,321   | 0904<br>400/3/50<br>191,1<br>82,00<br>2 320   | <b>1004</b><br>400/3/50<br>218,2<br>90,26<br>2,416  | <b>1104</b><br>400/3/50<br>250,3<br>103,0<br>2,420   | <b>1204</b><br>400/3/50<br>279,1<br>117,1<br>2,382   |  |
| NX-Q-GO6 /LN<br>Power supply<br>PERFORMANCE<br>COOLING ONLY (GROSS VALUE)<br>Cooling capacity<br>Total power input<br>EER<br>COOLING ONLY (EN14511 VALUE)<br>Coding capacity   | (1)<br>(1)<br>(1)   | V/ph/Hz<br>kW<br>kW<br>kW/kW   | 0604<br>400/3/50<br>137,4<br>55,04<br>2.498  | 0704<br>400/3/50<br>150,8<br>65,63<br>2.299   | 0804<br>400/3/50<br>170,1<br>73,27<br>2.321   | 0904<br>400/3/50<br>191,1<br>82,00<br>2.330   | <b>1004</b><br>400/3/50<br>218,2<br>90,26<br>2.416  | <b>1104</b><br>400/3/50<br>250,3<br>103,0<br>2.430   | <b>1204</b><br>400/3/50<br>279,1<br>117,1<br>2.383   |  |
| NX-Q-GO6 /LN<br>Power supply<br>PERFORMANCE<br>COOLING ONLY (GROSS VALUE)<br>Cooling capacity<br>Total power input<br>EER<br>COOLING ONLY (EN14511 VALUE)<br>Cooling capacity<br>EER   | (1)<br>(1)<br>(1)<br>(1)(2)<br>(1)(2)   | V/ph/Hz<br>kW<br>kWkW<br>kW/kW   | 0604<br>400/3/50<br>137,4<br>55,04<br>2.498<br>137,0<br>2.470  | <b>0704</b><br>400/3/50<br>150,8<br>65,63<br>2.299<br>150,5<br>2.270  | 0804<br>400/3/50<br>170,1<br>73,27<br>2,321<br>169,7<br>2,300   | 0904<br>400/3/50<br>191,1<br>82,00<br>2,330<br>190,8<br>2,310   | 1004<br>400/3/50<br>218,2<br>90,26<br>2.416<br>217,9<br>2.390   | <b>1104</b><br>400/3/50<br>250,3<br>103,0<br>2.430<br>249,9<br>2.400   | <b>1204</b><br>400/3/50<br>279,1<br>117,1<br>2.383<br>278,8<br>2.360   |  |
| NX-Q-GO6 /LN Power supply PERFORMANCE COOLING ONLY (GROSS VALUE) Cooling capacity Total power input EER COOLING ONLY (EN14511 VALUE) COOLing capacity EER ESEER HEATING ONLY (GROSS VALUE)   | (1)<br>(1)<br>(1)<br>(1)(2)<br>(1)(2)<br>(1)(2)   | V/ph/Hz<br>kW<br>kW<br>kW/kW<br>kW/kW  | 0604<br>400/3/50<br>137,4<br>55,04<br>2.498<br>137,0<br>2.470  | 0704<br>400/3/50<br>150,8<br>65,63<br>2.299<br>150,5<br>2.270   | 0804<br>400/3/50<br>170,1<br>73,27<br>2.321<br>169,7<br>2.300   | 0904<br>400/3/50<br>191,1<br>82,00<br>2.330<br>190,8<br>2.310   | 1004<br>400/3/50<br>218,2<br>90,26<br>2.416<br>217,9<br>2.390   | 1104<br>400/3/50<br>250,3<br>103,0<br>2.430<br>249,9<br>2.400  | <b>1204</b><br>400/3/50<br>279,1<br>117,1<br>2.383<br>278,8<br>2.360   |  |
| NX-Q-GO6 /LN<br>Power supply<br>PERFORMANCE<br>COOLING ONLY (GROSS VALUE)<br>Cooling capacity<br>Total power input<br>EER<br>COOLING ONLY (EN14511 VALUE)<br>Cooling capacity<br>EER<br>ESEER<br>HEATING ONLY (GROSS VALUE)<br>Total heating capacity<br>Total power input   | (1)<br>(1)<br>(1)<br>(1)(2)<br>(1)(2)<br>(1)(2)<br>(3)<br>(3)   | V/ph/Hz<br>kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW   | 0604<br>400/3/50<br>137,4<br>55,04<br>2.498<br>137,0<br>2.470<br>-<br>-<br>149,9<br>49,58  | 0704<br>400/3/50<br>150,8<br>65,63<br>2.299<br>150,5<br>2.270<br>-<br>-<br>165,5<br>55,74   | 0804<br>400/3/50<br>170,1<br>73,27<br>2.321<br>169,7<br>2.300<br>-<br>186,1<br>62,19  | 0904<br>400/3/50<br>191,1<br>82,00<br>2.330<br>190,8<br>2.310<br>-  | 1004<br>400/3/50<br>218,2<br>90,26<br>2.416<br>217,9<br>2.390<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-  | 1104<br>400/3/50<br>250,3<br>103,0<br>2.430<br>249,9<br>2.400<br>-<br>-<br>-<br>272,8<br>89,73   | 1204<br>400/3/50<br>279,1<br>117,1<br>2.383<br>278,8<br>2.360<br>-<br>-<br>304,4<br>100,8  |  |
| NX-Q-GO6 /LN<br>Power supply<br>PERFORMANCE<br>COOLING ONLY (GROSS VALUE)<br>Cooling capacity<br>Total power input<br>EER<br>COOLING ONLY (EN14511 VALUE)<br>Cooling capacity<br>EER<br>ESEER<br>HEATING ONLY (GROSS VALUE)<br>Total heating capacity<br>Total power input<br>COP  | (1)<br>(1)<br>(1)<br>(1)(2)<br>(1)(2)<br>(1)(2)<br>(3)<br>(3)<br>(3)<br>(3)   | V/ph/Hz<br>kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW   | 0604<br>400/3/50<br>137,4<br>55,04<br>2,498<br>137,0<br>2,498<br>137,0<br>2,498<br>137,0<br>2,498<br>137,0<br>2,498<br>137,0<br>2,498<br>137,0<br>2,498<br>137,0<br>2,498  | 0704<br>400/3/50<br>150,8<br>65,63<br>2.299<br>150,5<br>2.270<br>-<br>165,5<br>55,74<br>2.971   | 0804<br>400/3/50<br>170,1<br>73,27<br>2.321<br>169,7<br>2.300<br>-<br>186,1<br>62,19<br>2.992   | 0904<br>400/3/50<br>191,1<br>82,00<br>2.330<br>190,8<br>2.310<br>-<br>211,9<br>69,31<br>3.058   | 1004<br>400/3/50<br>218,2<br>90,26<br>2.416<br>217,9<br>2.390<br>-<br>238,3<br>78,76<br>3.024   | 1104<br>400/3/50<br>250,3<br>103,0<br>2.430<br>249,9<br>2.400<br>-<br>-<br>272,8<br>89,73<br>3.041   | 1204<br>400/3/50<br>279,1<br>117,1<br>2.383<br>278,8<br>2.360<br>-<br>304,4<br>100,8<br>3.020  |  |
| NX-Q-GO6 /LN<br>Power supply<br>PERFORMANCE<br>COOLING ONLY (GROSS VALUE)<br>Cooling capacity<br>Total power input<br>EER<br>COOLING ONLY (EN14511 VALUE)<br>Cooling capacity<br>Total neating capacity<br>COP   | (1)<br>(1)<br>(1)(2)<br>(1)(2)<br>(1)(2)<br>(1)(2)<br>(3)<br>(3)<br>(3)<br>(3)<br>(2)(3)  | V/ph/Hz<br>kW<br>kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW   | 0604<br>400/3/50<br>137,4<br>55,04<br>2.498<br>137,0<br>2.498<br>137,0<br>2.470<br>-<br>149,9<br>49,58<br>3.022<br>150,2<br>2.980  | 0704<br>400/3/50<br>150.8<br>65.63<br>2.299<br>150.5<br>2.270<br>-<br>165.5<br>55.74<br>2.971<br>165.8<br>2.940   | 0804<br>400/3/50<br>170,1<br>73,27<br>2.321<br>169,7<br>2.300<br>-<br>186,1<br>62,19<br>2.992<br>186,4<br>2.960   | 0904<br>400/3/50<br>191,1<br>82,00<br>2.330<br>190,8<br>2.310<br>-<br>211,9<br>69,31<br>3.058<br>212,2<br>3.020   | 1004<br>400/3/50<br>218,2<br>90,26<br>2.416<br>217,9<br>2.390<br>-<br>-<br>238,3<br>78,76<br>3.024<br>238,7<br>2.990  | 1104<br>400/3/50<br>250,3<br>103,0<br>2.430<br>249,9<br>2.400<br>-<br>272,8<br>89,73<br>3.041<br>273,2<br>3.000  | 1204<br>400/3/50<br>279,1<br>117,1<br>2.383<br>278,8<br>2.360<br>-<br>304,4<br>100,8<br>3.020<br>304,9<br>2.980  |  |
| NX-Q-GO6 /LN<br>Power supply<br>PERFORMANCE<br>COOLING ONLY (GROSS VALUE)<br>Cooling capacitly<br>Total power input<br>EER<br>COOLING ONLY (EN14511 VALUE)<br>Cooling capacitly<br>EER<br>HEATING ONLY (GROSS VALUE)<br>Total heating capacitly<br>Total power input<br>COOP<br>HEATING ONLY (EN14511 VALUE)<br>Total heating capacitly<br>COP<br>COLING WITH TOTAL HEAT RECOVERY<br>Cooling capacitly   | (1)<br>(1)<br>(1)(2)<br>(1)(2)<br>(1)(2)<br>(3)<br>(3)<br>(3)<br>(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(4)   | V/ph/Hz<br>kW<br>kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW  | 0604<br>400/3/50<br>137,4<br>55,04<br>2,498<br>137,0<br>2,498<br>137,0<br>2,470<br>  | 0704<br>400/3/50<br>150,8<br>65,63<br>2.299<br>150,5<br>2.270<br>-<br>165,5<br>55,74<br>2.971<br>165,8<br>2.940<br>165,8  | 0804<br>400/3/50<br>170,1<br>73,27<br>2.321<br>169,7<br>2.300<br>-<br>-<br>186,1<br>62,19<br>2.992<br>186,4<br>2.960<br>186,3   | 0904<br>400/3/50<br>191,1<br>82,00<br>2.330<br>190,8<br>2.310<br>-<br>211,9<br>69,31<br>3.058<br>212,2<br>3.020<br>211,1  | 1004<br>400/3/50<br>218.2<br>90.26<br>2.416<br>217.9<br>2.390<br>   | 1104<br>400/3/50<br>250,3<br>103,0<br>2.430<br>249,9<br>2.400<br>  | 1204<br>400/3/50<br>279,1<br>117,1<br>2.383<br>278,8<br>2.360<br>-<br>304,4<br>100,8<br>3.020<br>304,9<br>2.980<br>304,0   |  |
| NX-Q-GO6 /LN<br>Power supply<br>PERFORMANCE<br>COOLING ONLY (GROSS VALUE)<br>Cooling capacitly<br>Total power input<br>EER<br>COOLING ONLY (EN14511 VALUE)<br>Cooling capacitly<br>EER<br>HEATING ONLY (GROSS VALUE)<br>Total heating capacitly<br>Total power input<br>COP<br>HEATING ONLY (EN14511 VALUE)<br>Total heating capacitly<br>COLING WITH TOTAL HEAT RECOVERY<br>COOLING WITH TOTAL HEAT RECOVERY<br>Cooling capacitly<br>Total power input<br>Bergurey heat exchanger capacitly   | (1)<br>(1)<br>(1)(2)<br>(1)(2)<br>(1)(2)<br>(3)<br>(3)<br>(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(4)<br>(4)<br>(4)<br>(4)   | W/ph/Hz<br>KW<br>KW<br>KW/KW<br>KW/KW<br>KW/KW<br>KW/KW<br>KW/KW<br>KW/KW  | 0604<br>400/3/50<br>137,4<br>55,04<br>2,498<br>137,0<br>2,470<br>-<br>-<br>149,9<br>49,58<br>3,022<br>150,2<br>2,980<br>144,9<br>46,30<br>188,5  | 0704<br>400/3/50<br>150,8<br>65,63<br>2.299<br>150,5<br>2.270<br>-<br>-<br>165,5<br>55,74<br>2.971<br>165,8<br>2.940<br>165,8<br>3.06<br>215 6  | 0804<br>400/3/50<br>170,1<br>73,27<br>2,321<br>169,7<br>2,300<br>-<br>-<br>186,1<br>62,19<br>2,992<br>186,4<br>2,990<br>186,3<br>59,97<br>242,7   | 0904<br>400/3/50<br>191,1<br>82,00<br>2.330<br>190,8<br>2.310<br>-<br>-<br>211,9<br>69,31<br>3.058<br>212,2<br>3.020<br>211,1<br>67,08<br>274 1   | 1004<br>400/3/50<br>218,2<br>90,26<br>2.416<br>217,9<br>2.390<br>-<br>-<br>238,3<br>78,76<br>3.024<br>238,7<br>2.990<br>236,1<br>74,20<br>905 9   | 1104<br>400/3/50<br>250,3<br>103,0<br>2.430<br>249,9<br>2.400<br>-<br>272,8<br>89,73<br>3.041<br>273,2<br>3.000<br>269,2<br>86,31<br>350,4   | 1204<br>400/3/50<br>279,1<br>117,1<br>2.383<br>278,8<br>2.360<br>  |  |
| NX-Q-GO6 /LN Power supply PERFORMANCE COOLING ONLY (GROSS VALUE) Cooling capacity Total power input EER ECOOLING ONLY (EN14511 VALUE) Cooling capacity EER EXERTING ONLY (GROSS VALUE) Total heating capacity COP Total heating capacity COP Cooling Couly (EN14511 VALUE) Total heating capacity COP Cooling Couly (EN14511 VALUE) Total heating capacity COP Cooling Couly (EN14511 VALUE) Total heating capacity Total power input ECOP Cooling Couly (EN14511 VALUE) Total heating capacity Total power input ECOP Cooling Couly (EN14511 VALUE) Total heating capacity Total power input ECOP ECOLING ONLY (EN14511 VALUE) Total power input ECOP ECOLING COULY (EN14511 VALUE) Total power input ECOP ECOLING COULY (EN14511 VALUE) ECOP ECOLING COULY (EN1451 VALUE) ECOP ECOV (EN1451 VALUE) ECOV (EN | (1)<br>(1)<br>(1)(2)<br>(1)(2)<br>(1)(2)<br>(1)(2)<br>(3)<br>(3)<br>(3)<br>(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)   | V/ph/Hz<br>kW<br>kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW  | 0604<br>400/3/50<br>137,4<br>55,04<br>2.498<br>137,0<br>2.470<br>-<br>-<br>-<br>149,9<br>49,58<br>3.022<br>150,2<br>2.980<br>144,9<br>46,30<br>188,5<br>7.201  | 0704<br>400/3/50<br>150,8<br>65,63<br>2.299<br>150,5<br>2.270<br>-<br>-<br>165,5<br>55,74<br>2.971<br>165,8<br>2.940<br>165,8<br>2.940<br>165,8<br>3.06<br>215,6<br>7.183   | 0804<br>400/3/50<br>170,1<br>73,27<br>2.321<br>169,7<br>2.300<br>-<br>-<br>186,1<br>62,19<br>2.992<br>186,4<br>2.960<br>186,4<br>2.960<br>186,3<br>59,97<br>242,7<br>7.150  | 0904<br>400/3/50<br>191,1<br>82,00<br>2.330<br>190,8<br>2.310<br>-<br>-<br>211,9<br>69,31<br>3.058<br>212,2<br>3.020<br>211,1<br>67,08<br>274,1<br>7.231  | 1004<br>400/3/50<br>218,2<br>90,26<br>2.416<br>217,9<br>2.390<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-  | 1104<br>400/3/50<br>250,3<br>103,0<br>2.430<br>249,9<br>2.400<br>-<br>-<br>272,8<br>89,73<br>3.041<br>273,2<br>3.000<br>269,2<br>86,31<br>350,4<br>7.180   | 1204<br>400/3/50<br>279,1<br>117,1<br>2.383<br>278,8<br>2.360<br>-<br>-<br>304,4<br>100,8<br>3.020<br>304,9<br>2.980<br>304,0<br>97,26<br>395,4<br>7.188   |  |
| NX-Q-GO6 /LN Power supply PERFORMANCE COOLING ONLY (GROSS VALUE) Cooling capacity Total power input EER ECOOLING ONLY (EN14511 VALUE) Cooling capacity EER EESTER HEATING ONLY (GROSS VALUE) Total heating capacity COP HEATING ONLY (EN14511 VALUE) Total heating capacity COP COOLING WITH TOTAL HEAT RECOVERY COOLING CONTROL EXCLORED Total power input Recovery heat exchanger capacity TER ENERGY EFFICIENCY SEASONAL EFFICIENCY IN COOLING (Reg. E  | (1)<br>(1)<br>(1)(2)<br>(1)(2)<br>(1)(2)<br>(3)<br>(3)<br>(3)<br>(2)(3)<br>(2)(3)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)   | V/ph/Hz<br>kW<br>kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW  | 0604<br>400/3/50<br>137,4<br>55,04<br>2,498<br>137,0<br>2,470<br>2,470<br>149,9<br>49,58<br>3,022<br>150,2<br>2,980<br>144,9<br>46,30<br>188,5<br>7,201  | 0704<br>400/3/50<br>150,8<br>65,63<br>2.299<br>150,5<br>2.270<br>-<br>-<br>165,5<br>55,74<br>2.971<br>165,8<br>2.940<br>165,8<br>53,06<br>215,6<br>7.183  | 0804<br>400/3/50<br>170,1<br>73,27<br>2.321<br>169,7<br>2.300<br>-<br>186,1<br>62,19<br>2.992<br>186,4<br>2.992<br>186,4<br>2.960<br>186,3<br>59,97<br>242,7<br>7.150   | 0904<br>400/3/50<br>191,1<br>82,00<br>2.330<br>190,8<br>2.310<br>-<br>211,9<br>69,31<br>3.058<br>212,2<br>3.020<br>211,1<br>67,08<br>274,1<br>7.231   | 1004<br>400/3/50<br>218,2<br>90,26<br>2.416<br>217,9<br>2.390<br>-<br>-<br>238,3<br>78,76<br>3.024<br>238,7<br>2.990<br>236,1<br>74,20<br>305,9<br>7.305  | 1104<br>400/3/50<br>250,3<br>103,0<br>2.430<br>249,9<br>2.400<br>-<br>272,8<br>89,73<br>3.041<br>273,2<br>3.000<br>269,2<br>86,31<br>350,4<br>7.180  | 1204<br>400/3/50<br>279,1<br>117,1<br>2.383<br>278,8<br>2.360<br>304,4<br>100,8<br>3.020<br>304,9<br>2.980<br>304,0<br>97,26<br>395,4<br>7.188   |  |
| NX-Q-GO6 /LN Power supply PERFORMANCE COOLING ONLY (GROSS VALUE) Cooling capacity Total power input EER ECSEER EESTING ONLY (GROSS VALUE) Total heating capacity Total power input COP COOLING ONLY (EN14511 VALUE) Total heating capacity COP COOLING WITH TOTAL HEAT RECOVERY Cooling capacity Total power input Recovery heat exchanger capacity TeR EENERGY EFFICIENCY SEASONAL EFFICIENCY IN COOLING (Reg. E Ambient refrigeration Prated,c   | (1)<br>(1)<br>(1)(2)<br>(1)(2)<br>(1)(2)<br>(3)<br>(3)<br>(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4  | V/ph/Hz<br>kW<br>kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW   | 0604<br>400/3/50<br>137,4<br>55,04<br>2,498<br>137,0<br>2,470<br>-<br>149,9<br>49,58<br>3,022<br>150,2<br>2,980<br>144,9<br>46,30<br>188,5<br>7,201  | 0704<br>400/3/50<br>150,8<br>65,63<br>2.299<br>150,5<br>2.270<br>-<br>165,5<br>55,74<br>2.971<br>165,8<br>2.940<br>165,8<br>53,06<br>215,6<br>7.183   | 0804<br>400/3/50<br>170,1<br>73,27<br>2.321<br>169,7<br>2.300<br>-<br>186,1<br>62,19<br>2.992<br>186,4<br>2.992<br>186,4<br>2.992<br>186,3<br>59,97<br>242,7<br>7.150   | 0904<br>400/3/50<br>191,1<br>82,00<br>2.330<br>190,8<br>2.310<br>-<br>211,9<br>69,31<br>3.058<br>212,2<br>3.020<br>211,1<br>67,08<br>274,1<br>7.231   | 1004<br>400/3/50<br>218,2<br>90,26<br>2.416<br>217,9<br>2.390<br>-<br>238,3<br>78,76<br>3.024<br>238,7<br>2.990<br>236,1<br>74,20<br>305,9<br>7.305   | <b>1104</b><br>400/3/50<br>250,3<br>103,0<br>2.430<br>249,9<br>2.400<br>-<br>272,8<br>89,73<br>3.041<br>273,2<br>3.000<br>269,2<br>86,31<br>350,4<br>7.180   | 1204<br>400/3/50<br>279,1<br>117,1<br>2.383<br>278,8<br>2.360<br>-<br>-<br>304,4<br>100,8<br>3.020<br>304,9<br>2.980<br>304,0<br>97,26<br>395,4<br>7.188   |  |
| NX-Q-GO6 /LN<br>Power supply<br>PERFORMANCE<br>COOLING ONLY (GROSS VALUE)<br>Cooling capacity<br>Total power input<br>EER<br>ECOLING ONLY (EN14511 VALUE)<br>Cooling capacity<br>EER<br>EESEER<br>HEATING ONLY (GROSS VALUE)<br>Total heating capacity<br>Total power input<br>COP<br>HEATING ONLY (EN14511 VALUE)<br>Total heating capacity<br>COP<br>COOLING WITH TOTAL HEAT RECOVERY<br>Cooling capacity<br>Total power input<br>Recovery heat exchanger capacity<br>TER<br>ENERGY EFFICIENCY<br>SEASONAL EFFICIENCY IN COOLING (Reg. E<br>Ambient refigeration<br>Prated, c  | (1)<br>(1)<br>(1)(2)<br>(1)(2)<br>(3)<br>(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4   | V/ph/Hz<br>kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW  | 0604<br>400/3/50<br>137,4<br>55,04<br>2,498<br>137,0<br>2,470<br>-<br>149,9<br>49,58<br>3,022<br>150,2<br>2,980<br>144,9<br>46,30<br>188,5<br>7,201  | 0704<br>400/3/50<br>150.8<br>65.63<br>2.299<br>150.5<br>2.270<br>-<br>165.5<br>55.74<br>2.971<br>165.8<br>2.940<br>165.8<br>53.06<br>215.6<br>7.183   | 0804<br>400/3/50<br>170,1<br>73,27<br>2.321<br>169,7<br>2.300<br>-<br>186,1<br>62,19<br>2.992<br>186,4<br>2.992<br>186,4<br>2.992<br>186,3<br>59,97<br>242,7<br>7.150   | 0904<br>400/3/50<br>191,1<br>82,00<br>2.330<br>190,8<br>2.310<br>-<br>211,9<br>69,31<br>3.058<br>212,2<br>3.020<br>211,1<br>67,08<br>274,1<br>7.231   | 1004<br>400/3/50<br>218,2<br>90,26<br>2.416<br>217,9<br>2.390<br>-<br>-<br>238,3<br>78,76<br>3.024<br>238,7<br>2.990<br>236,1<br>74,20<br>305,9<br>7.305  | 1104<br>400/3/50<br>250,3<br>103,0<br>2.430<br>249,9<br>2.400<br>-<br>272,8<br>89,73<br>3.041<br>273,2<br>3.000<br>269,2<br>86,31<br>350,4<br>7.180  | 1204<br>400/3/50<br>279,1<br>117,1<br>2.383<br>278,8<br>2.360<br>-<br>304,4<br>100,8<br>3.020<br>304,9<br>2.980<br>304,0<br>97,26<br>395,4<br>7.188  |  |
| NX-Q-GO6 /LN Power supply PERFORMANCE COOLING ONLY (GROSS VALUE) Cooling capacity Total power input EER COOLING ONLY (EN14511 VALUE) Cooling capacity EER ESEER HEATING ONLY (GROSS VALUE) Total neating capacity Total power input COP HEATING ONLY (EN14511 VALUE) Total neating capacity COP COOLING WITH TOTAL HEAT RECOVERY Total power input Recovery heat exchanger capacity TeR ENERGY EFFICIENCY SEASONAL EFFICIENCY IN HEATING (Reg. E Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E PDessign   | (1)<br>(1)<br>(1)(2)<br>(1)(2)<br>(1)(2)<br>(3)<br>(3)<br>(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4  | V/ph/Hz<br>kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW  | 0604<br>400/3/50<br>137,4<br>55,04<br>2.498<br>137,0<br>2.470<br>-<br>149,9<br>49,58<br>3.022<br>150,2<br>2.980<br>144,9<br>46,30<br>188,5<br>7.201  | 0704<br>400/3/50<br>150.8<br>65.63<br>2.299<br>150.5<br>2.270<br>-<br>165.5<br>55.74<br>2.971<br>165.8<br>2.940<br>165.8<br>53.06<br>215.6<br>7.183<br>-<br>-   | 0804<br>400/3/50<br>170,1<br>73,27<br>2.321<br>169,7<br>2.300<br>-<br>186,1<br>62,19<br>2.992<br>186,4<br>2.960<br>186,4<br>2.960<br>186,3<br>59,97<br>242,7<br>7.150   | 0904<br>400/3/50<br>191,1<br>82,00<br>2.330<br>190,8<br>2.310<br>-<br>211,9<br>69,31<br>3.058<br>212,2<br>3.020<br>211,1<br>67,08<br>274,1<br>7.231   | 1004<br>400/3/50<br>218,2<br>90,26<br>2.416<br>217,9<br>2.390<br>-<br>-<br>238,3<br>78,76<br>3.024<br>238,7<br>2.990<br>236,1<br>74,20<br>305,9<br>7.305<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-   | 1104<br>400/3/50<br>250.3<br>103.0<br>2.430<br>249.9<br>2.400<br>-<br>272,8<br>89.73<br>3.041<br>273.2<br>3.000<br>269.2<br>86.31<br>350.4<br>7.180  | 1204<br>400/3/50<br>279,1<br>117,1<br>2.383<br>278,8<br>2.360<br><br>304,4<br>100,8<br>3.020<br>304,9<br>2.980<br>304,0<br>97,26<br>395,4<br>7.188   |  |
| NX-Q-GOG /LN Power supply PERFORMANCE COOLING ONLY (GROSS VALUE) Cooling capacity Total power input EER COOLING ONLY (EN14511 VALUE) Cooling capacity EER HEATING ONLY (GROSS VALUE) Total heating capacity Total power input COP HEATING ONLY (EN14511 VALUE) Total heating capacity COP COOLING WITH TOTAL HEAT RECOVERY COOLING WITH TOTAL HEAT RECOVERY Cooling capacity Total power input Recovery heat exchanger capacity TeR ENERGY EFFICIENCY SEASONAL EFFICIENCY IN COOLING (Reg. E Ambient refrigeration Prated, SEEP Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E PDesign SCOP Performance ns  | (1)<br>(1)<br>(1)(2)<br>(1)(2)<br>(1)(2)<br>(3)<br>(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4   | V/ph/Hz<br>kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW<br>kW/kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW   | 0604<br>400/3/50<br>137,4<br>55,04<br>2.498<br>137,0<br>2.470<br>-<br>149,9<br>49,58<br>3.022<br>150,2<br>2.980<br>144,9<br>46,30<br>188,5<br>7.201  | 0704<br>400/3/50<br>150.8<br>65.63<br>2.299<br>150.5<br>2.270<br>-<br>165.5<br>55.74<br>2.971<br>165.8<br>2.940<br>165.8<br>53.06<br>215.6<br>7.183<br>-<br>-<br>-<br>-<br>-<br>-<br>121<br>3.63<br>142   | 0804<br>400/3/50<br>170,1<br>73,27<br>2.321<br>169,7<br>2.300<br>-<br>-<br>186,1<br>62,19<br>2.992<br>186,4<br>2.960<br>186,3<br>59,97<br>242,7<br>7.150  | 0904<br>400/3/50<br>191,1<br>82,00<br>2.330<br>190,8<br>2.310<br>-<br>211,9<br>69,31<br>3.058<br>212,2<br>3.020<br>211,1<br>67,08<br>274,1<br>7.231<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-  | 1004<br>400/3/50<br>218,2<br>90,26<br>2.416<br>217,9<br>2.390<br>-<br>-<br>238,3<br>78,76<br>3.024<br>238,7<br>2.990<br>236,1<br>74,20<br>305,9<br>7.305<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-   | 1104<br>400/3/50<br>250,3<br>103,0<br>2.430<br>249,9<br>2.400<br>-<br>272,8<br>89,73<br>3.041<br>273,2<br>3.041<br>273,2<br>3.000<br>269,2<br>86,31<br>350,4<br>7.180<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-   | 1204<br>400/3/50<br>279,1<br>117,1<br>2.383<br>278,8<br>2.360<br>-<br>-<br>304,4<br>100,8<br>3.020<br>304,9<br>2.980<br>304,0<br>97,26<br>395,4<br>7.188<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>240<br>3,80<br>149   |  |
| NX-Q-GOG /LN<br>Power supply<br>PERFORMANCE<br>COOLING ONLY (GROSS VALUE)<br>Cooling capacitly<br>Total power input<br>EER<br>COOLING ONLY (EN14511 VALUE)<br>Cooling capacitly<br>EER<br>ESEER<br>HEATING ONLY (GROSS VALUE)<br>Total heating capacitly<br>Total power input<br>COP<br>HEATING ONLY (EN14511 VALUE)<br>Total heating capacitly<br>COP<br>HEATING ONLY (EN14511 VALUE)<br>Total heating capacitly<br>COLING WITH TOTAL HEAT RECOVERY<br>Cooling capacitly<br>Total power input<br>Cooling capacitly<br>Total power input<br>Recovery heat exchanger capacitly<br>TER<br>ENERGY EFFICIENCY<br>SEASONAL EFFICIENCY IN COOLING (Reg. E<br>Ambient refrigeration<br>Prated, c<br>SEASONAL EFFICIENCY IN HEATING (Reg. E<br>PDesign<br>SCOP<br>Performance ns<br>SEASONAL EFFICIENCY IN HEATING (Reg. E<br>PDesign<br>SCOP  | (1)<br>(1)<br>(1)<br>(2)<br>(1)(2)<br>(1)(2)<br>(3)<br>(3)<br>(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)(3)<br>(2)(3)(3)<br>(2)(3)(3)(3)<br>(2)(3)(3)(3)(3)(3)(3)(3)(3)(3)(3)(3)(3)(3)   | V/ph/Hz<br>kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW/kW<br>kW/kW/kW<br>kW/kW/kW<br>kW/kW/kW<br>kW/kW/kW<br>kW/kW/kW<br>kW/kW/kW<br>kW/kW/kW<br>kW/kW/kW/kW<br>kW/kW/kW/kW<br>kW/kW/kW/kW<br>kW/kW/kW/kW/kW/kW/kW/kW/kW/kW/kW/kW/kW/k | 0604<br>400/3/50<br>137,4<br>55,04<br>2,498<br>137,0<br>-<br>-<br>149,9<br>49,58<br>3,022<br>150,2<br>2,980<br>144,9<br>46,30<br>188,5<br>7,201<br>-<br>-<br>-<br>-<br>-<br>-<br>111<br>3,61<br>142<br>-   | 0704<br>400/3/50<br>150,8<br>65,63<br>2.299<br>150,5<br>2.270<br>-<br>165,5<br>55,74<br>2.971<br>165,8<br>2.940<br>165,8<br>53,06<br>215,6<br>7.183<br>-<br>-<br>-<br>121<br>3,63<br>142<br>-   | 0804<br>400/3/50<br>170,1<br>73,27<br>2,321<br>169,7<br>2,300<br>-<br>-<br>186,1<br>62,19<br>2,992<br>186,4<br>2,992<br>186,3<br>59,97<br>242,7<br>7,150  | 0904<br>400/3/50<br>191,1<br>82,00<br>2.330<br>190,8<br>2.310<br>-<br>-<br>211,9<br>69,31<br>3.058<br>212,2<br>3.020<br>211,1<br>67,08<br>274,1<br>7.231  | 1004<br>400/3/50<br>218,2<br>90,26<br>2.416<br>217,9<br>2.390<br>-<br>-<br>238,3<br>78,76<br>3.024<br>238,7<br>2.990<br>236,1<br>74,20<br>305,9<br>7.305  | 1104<br>400/3/50<br>250,3<br>103,0<br>2.430<br>249,9<br>2.400<br>-<br>272,8<br>89,73<br>3.041<br>273,2<br>3.041<br>273,2<br>3.000<br>269,2<br>86,31<br>350,4<br>7.180  | 1204<br>400/3/50<br>279,1<br>117,1<br>2.383<br>278,8<br>2.360<br>-<br>304,4<br>100,8<br>3.020<br>304,9<br>2.980<br>304,0<br>97,26<br>395,4<br>7.188<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-  |  |
| NX-Q-GO6 /LN Power supply PERFORMANCE COOLING ONLY (GROSS VALUE) Cooling capacity Total power input EER ESEER HEATING ONLY (GROSS VALUE) Total heating capacity Total power input ECO COOLING ONLY (GROSS VALUE) Total heating capacity Total power input COP COOLING WITH TOTAL HEAT RECOVERY Cooling capacity Total power input Recovery heat exchanger capacity TeR ENERGY EFFICIENCY SEASONAL EFFICIENCY IN COOLING (Reg. E Ambient refrigeration Prated, c SEER Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E PDesign SCOP Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E PDesign SCOP Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E PDesign SCOP  | (1)<br>(1)<br>(1)<br>(1)<br>(2)<br>(1)<br>(2)<br>(3)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(3)<br>(2)<br>(3)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(3)<br>(2)<br>(3)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(3)<br>(2)<br>(3)<br>(3)<br>(3)<br>(3)<br>(3)<br>(3)<br>(3)<br>(3)<br>(3)<br>(3  | V/ph/Hz<br>kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW   | 0604<br>400/3/50<br>137,4<br>55,04<br>2,498<br>137,0<br>2,470<br>-<br>149,9<br>49,58<br>3,022<br>150,2<br>2,980<br>144,9<br>46,30<br>188,5<br>7,201<br>-<br>-<br>-<br>-<br>111<br>3,61<br>142<br>-<br>-  | 0704<br>400/3/50<br>150,8<br>65,63<br>2.299<br>150,5<br>2.270<br>-<br>165,5<br>55,74<br>2.971<br>165,8<br>2.940<br>165,8<br>53,06<br>215,6<br>7.183<br>-<br>-<br>121<br>3,63<br>142<br>-<br>7.213   | 0804<br>400/3/50<br>170,1<br>73,27<br>2.321<br>169,7<br>2.300<br>-<br>186,1<br>62,19<br>2.992<br>186,4<br>2.992<br>186,4<br>2.992<br>186,4<br>2.960<br>186,3<br>59,97<br>242,7<br>7.150   | 0904<br>400/3/50<br>191,1<br>82,00<br>2.330<br>190,8<br>2.310<br>-<br>-<br>211,9<br>69,31<br>3.058<br>212,2<br>3.020<br>211,1<br>67,08<br>274,1<br>7.231<br>-<br>-<br>-<br>140<br>3,67<br>144<br>-<br>-   | 1004<br>400/3/50<br>218,2<br>90,26<br>2.416<br>217,9<br>2.390<br>-<br>-<br>238,3<br>78,76<br>3.024<br>238,7<br>2.990<br>236,1<br>74,20<br>305,9<br>7.305<br>-<br>-<br>-<br>-<br>-<br>-<br>176<br>3,62<br>142<br>-<br>-  | 1104           400/3/50           250,3           103,0           2.430           249,9           2.400           -           272,8           89,73           3.041           273,2           3.000           269,2           86,31           350,4           7.180           -           215           3,78           148           -           11,97   | 1204<br>400/3/50<br>279,1<br>117,1<br>2.383<br>278,8<br>2.360<br>-<br>304,4<br>100,8<br>3.020<br>304,9<br>2.980<br>304,0<br>97,26<br>395,4<br>7.188<br>-<br>-<br>240<br>3.80<br>149<br>-<br>13,35  |  |
| NX-Q-GO6 /LN Power supply PERFORMANCE COOLING ONLY (GROSS VALUE) Cooling capacity Total power input EER ESER ESER HEATING ONLY (GROSS VALUE) Total heating capacity Total power input COP HEATING ONLY (GROSS VALUE) Total heating capacity Total power input COP COULING WITH TOTAL HEAT RECOVERY Cooling capacity Total power input Recovery heat exchanger capacity TeR ENERGY EFFICIENCY IN COOLING (Reg. E Ambient refrigeration Prated, c SEER PEATING ONS SEASONAL EFFICIENCY IN HEATING (Reg. E PDesign SCOP Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E PDesign SCOP Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E PDesign SCOP Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E PDesign SCOP Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E PDesign SCOP Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E PHOPING NGCOP Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E PDesign SCOP Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E PDesign SCOP Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E PDesign SCOP Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E PDesign SCOP Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E PDesign SCOP Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E PDesign SCOP Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E PDesign SCOP Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E PDesign SCOP Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E PDesign SCOP PERFORMANCE NSER SIDE IN HEATING PROSENTER PERFORMANCE NSER SIDE IN HEATING PROSENTER PERFORMANCE NSER SIDE IN HEATING PROSENTER PERFORMENTER PERFORMENTER PROSENTER PERFORMENTER | (1)<br>(1)<br>(1)<br>(2)<br>(1)<br>(2)<br>(3)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(3)<br>(3)<br>(3)<br>(3)<br>(3)<br>(3)<br>(3)<br>(3)<br>(3  | V/ph/Hz<br>kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW   | 0604<br>400/3/50<br>137,4<br>55,04<br>2,498<br>137,0<br>-<br>149,9<br>49,58<br>3,022<br>150,2<br>2,980<br>144,9<br>46,30<br>188,5<br>7,201<br>-<br>-<br>-<br>-<br>111<br>3,61<br>142<br>-<br>-<br>-  | 0704<br>400/3/50<br>150,8<br>65,63<br>2.299<br>150,5<br>2.270<br>-<br>165,5<br>55,74<br>2.971<br>165,8<br>2.940<br>165,8<br>53,06<br>215,6<br>7.183<br>-<br>121<br>3,63<br>142<br>-<br>7.213<br>35,4  | 0804<br>400/3/50<br>170,1<br>73,27<br>2.321<br>169,7<br>2.300<br>-<br>186,1<br>62,19<br>2.992<br>186,4<br>2.992<br>186,4<br>2.992<br>186,4<br>2.992<br>186,3<br>59,97<br>242,7<br>7.150   | 0904<br>400/3/50<br>191,1<br>82,00<br>2.330<br>190,8<br>2.310<br>-<br>211,9<br>69,31<br>3.058<br>212,2<br>3.020<br>211,1<br>67,08<br>274,1<br>7.231<br>-<br>-<br>-<br>140<br>3,67<br>144<br>-<br>-  | 1004<br>400/3/50<br>218,2<br>90,26<br>2.416<br>217,9<br>2.390<br>-<br>-<br>238,3<br>78,76<br>3.024<br>238,7<br>2.990<br>236,1<br>74,20<br>305,9<br>7.305<br>-<br>-<br>176<br>3,62<br>142<br>-<br>-<br>10,44<br>36,7   | 1104         400/3/50         250.3         103,0         2.430         249,9         2.400         -         272.8         89,73         3.041         273,2         3.000         269,2         86.31         350.4         7.180         -         -         215         3,78         148         -         11,97         38,6  | 1204<br>400/3/50<br>279,1<br>117,1<br>2.383<br>278,8<br>2.360<br>-<br>304,4<br>100,8<br>3.020<br>304,9<br>2.980<br>304,0<br>97,26<br>395,4<br>7.188<br>-<br>-<br>240<br>3,80<br>149<br>-<br>-<br>13,35<br>38,1   |  |
| NX-Q-GO6 /LN Power supply PERFORMANCE COOLING ONLY (GROSS VALUE) Cooling capacity Total power input EER ESEER ESEER ESEER ESEER ESEER ESEER ESEER ESEER EST COOLING ONLY (GROSS VALUE) Total heating capacity Total power input COP COOLING ONLY (EN14511 VALUE) Total heating capacity COP COOLING WITH TOTAL HEAT RECOVERY Cooling capacity Tel ENERGY EFFICIENCY SEASONAL EFFICIENCY IN COOLING (Reg. E Ambient refigeration Prated, c SEER Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E PERFORMENCE IN EFFICIENCY IN HEATING (REG. E PLOESING SCOP Performance ns SEASONAL EFFICIENCY IN HEATING (REG. E PLOESING SCOP Performance ns SEASONAL EFFICIENCY IN HEATING (REG. E PLOESING SCOP PERFORMENCE INSER SIDE IN REFRIGER Water flow Pressure drop at the heat exchanger HEAT EXCHANGER USER SIDE IN HEATING Water flow Pressure drop at the heat exchanger  | (1)<br>(1)<br>(1)(2)<br>(1)(2)<br>(3)<br>(3)<br>(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(3)<br>(3)<br>(3)<br>(3)<br>(3)<br>(1)<br>(1)<br>(1)<br>(1)<br>(1)<br>(1)<br>(1)<br>(1)<br>(1)<br>(1   | V/ph/Hz<br>kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW<br>kW/kW<br>kW<br>kW/kW<br>kW<br>kW/kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW  | 0604<br>400/3/50<br>137,4<br>55,04<br>2,498<br>137,0<br>2,470<br>-<br>149,9<br>49,58<br>3,022<br>150,2<br>2,980<br>144,9<br>46,30<br>188,5<br>7,201<br>-<br>-<br>-<br>-<br>111<br>3,61<br>142<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-   | 0704<br>400/3/50<br>150.8<br>65.63<br>2.299<br>150.5<br>2.270<br>-<br>165.5<br>55.74<br>2.971<br>165.8<br>53.06<br>215.6<br>7.183<br>-<br>-<br>121<br>3.63<br>142<br>-<br>7.213<br>35.4<br>7.988<br>4.1   | 0804<br>400/3/50<br>170,1<br>73,27<br>2.321<br>169,7<br>2.300<br>-<br>186,1<br>62,19<br>2.992<br>186,4<br>2.992<br>186,4<br>2.992<br>186,4<br>2.992<br>186,3<br>59,97<br>242,7<br>7.150<br>-<br>145<br>3,71<br>146<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-   | 0904<br>400/3/50<br>191,1<br>82,00<br>2.330<br>190,8<br>2.310<br>-<br>211,9<br>69,31<br>3.058<br>212,2<br>3.020<br>211,1<br>67,08<br>274,1<br>7.231<br>-<br>-<br>-<br>140<br>3.67<br>144<br>-<br>-<br>9.141<br>35,1<br>10,23<br>50,7  | 1004<br>400/3/50<br>218,2<br>90,26<br>2.416<br>217,9<br>2.390<br>-<br>-<br>238,3<br>78,76<br>3.024<br>238,7<br>2.990<br>236,1<br>74,20<br>305,9<br>7.305<br>-<br>-<br>-<br>176<br>3,62<br>142<br>-<br>-<br>10,44<br>36,7<br>11,50<br>53,2   | 1104<br>400/3/50<br>250,3<br>103,0<br>2.430<br>249,9<br>2.400<br>-<br>272,8<br>89,73<br>3.041<br>273,2<br>3.000<br>269,2<br>86,31<br>350,4<br>7.180<br>-<br>-<br>-<br>-<br>215<br>3,78<br>148<br>-<br>-<br>-<br>215<br>3,78<br>148<br>-<br>-<br>-<br>215<br>3,78<br>148<br>-<br>-  | 1204<br>400/3/50<br>279,1<br>117,1<br>2.383<br>278,8<br>2.360<br>-<br>304,4<br>100,8<br>3.020<br>304,9<br>2.980<br>304,0<br>97,26<br>355,4<br>7.188<br>-<br>-<br>-<br>240<br>3.80<br>149<br>-<br>-<br>13,35<br>38,1<br>14,70<br>52,9   |  |
| NX-Q-GO6 /LN Power supply PERFORMANCE COOLING ONLY (GROSS VALUE) Cooling capacity Total power input EER ESEER HEATING ONLY (EN14511 VALUE) Cooling capacity Total power input COP HEATING ONLY (EN14511 VALUE) Total heating capacity Total power input COP HEATING ONLY (EN14511 VALUE) Total heating capacity COP COOLING WITH TOTAL HEAT RECOVERY Cooling capacity TeR ENERGY EFFICIENCY SEASONAL EFFICIENCY IN HEATING (Reg. E Ambient refrigeration Prated, c SEER Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E Performance ns Seasonal efficiency class EXCHANGERS EXCHANGER USER SIDE IN REFRIGER Water flow Pressure drop at the heat exchanger REFRIGERANT CIRCUIT Compressor or   | (1)<br>(1)<br>(1)<br>(2)<br>(1)<br>(2)<br>(3)<br>(3)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(2)<br>(3)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4  | V/ph/Hz<br>kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW<br>kW<br>kW/kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW  | 0604<br>400/3/50<br>137,4<br>55,04<br>2.498<br>137,0<br>2.470<br>-<br>149,9<br>49,58<br>3.022<br>150,2<br>2.980<br>144,9<br>46,30<br>188,5<br>7.201<br>-<br>-<br>-<br>-<br>-<br>-<br>111<br>3.61<br>142<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-   | 0704<br>400/3/50<br>150.8<br>65.63<br>2.299<br>150.5<br>2.270<br>-<br>165.5<br>55.74<br>2.971<br>165.8<br>2.940<br>165.8<br>2.940<br>165.8<br>2.940<br>165.8<br>2.15.6<br>7.183<br>-<br>-<br>121<br>3.63<br>142<br>-<br>7.213<br>35.4<br>7.988<br>47.1<br>4                     | 0804<br>400/3/50<br>170,1<br>73,27<br>2.321<br>169,7<br>2.300<br>-<br>186,1<br>62,19<br>2.992<br>186,4<br>2.992<br>186,4<br>2.960<br>186,3<br>59,97<br>242,7<br>7.150<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-  | 0904<br>400/3/50<br>191,1<br>82,00<br>2.330<br>190,8<br>2.310<br>-<br>211,9<br>69,31<br>3.058<br>212,2<br>3.020<br>211,1<br>67,08<br>274,1<br>7.231<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-  | 1004<br>400/3/50<br>218,2<br>90,26<br>2.416<br>217,9<br>2.390<br>-<br>-<br>238,3<br>78,76<br>3.024<br>238,7<br>2.990<br>236,1<br>74,20<br>305,9<br>7.305<br>-<br>-<br>176<br>3,62<br>142<br>-<br>10,44<br>36,7<br>11,50<br>53,2<br>4  | 1104<br>400/3/50<br>250,3<br>103,0<br>2.430<br>249,9<br>2.400<br>-<br>272,8<br>89,73<br>3.041<br>273,2<br>3.000<br>269,2<br>86,31<br>350,4<br>7.180<br>-<br>269,2<br>86,31<br>350,4<br>7.180<br>-<br>13,75<br>3,78<br>148<br>-<br>11,97<br>38,6<br>13,17<br>52,1<br>4  | 1204<br>400/3/50<br>279,1<br>117,1<br>2.383<br>278,8<br>2.360<br>-<br>304,4<br>100,8<br>3.020<br>304,9<br>2.980<br>304,0<br>97,26<br>395,4<br>7.188<br>-<br>-<br>240<br>3,80<br>149<br>-<br>13,35<br>38,1<br>14,70<br>52,9<br>4  |  |
| NX-Q-GO6 /LN Power supply PERFORMANCE COOLING ONLY (GROSS VALUE) Cooling capacity Total power input EER COOLING ONLY (EN14511 VALUE) Cooling capacity EER ESEER HEATING ONLY (GROSS VALUE) Total heating capacity Total power input COP HEATING ONLY (EN14511 VALUE) Total heating capacity COP COOLING WITH TOTAL HEAT RECOVERY EBASONAL EFFICIENCY IN COOLING (Reg. E Ambient refrigeration Prated,c SEER Performance ns SEER Performance ns Seasonal efficiency class EXCHANGER USER SIDE IN REFRIGER Water flow Pressure drop at the heat exchanger HEAT EXCHANGER USER SIDE IN HEATING Water flow Pressure drop at the heat exchanger EFICIENCY SEER Mater flow Pressure drop at the heat exchanger EFICIENCY SEER Mater flow Pressure drop at the heat exchanger EFICIENCY SEER SEASONAL EFFICIENCY SHORE SIDE IN HEATING Water flow Pressure drop at the heat exchanger EFICIENCY SEER Mater flow Pressure drop at the heat exchanger EFICIENCY SEER Mater flow Pressure drop at the heat exchanger EFICIENCY SEER Mater flow Pressure drop at the heat exchanger EFICIENCY SEER Mater flow Pressure drop at the heat exchanger EFICIENCY SEER SEEN SEEN SEEN SEEN SEEN SEEN SEEN   | (1)<br>(1)<br>(1)(2)<br>(1)(2)<br>(3)<br>(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4   | V/ph/Hz<br>kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW<br>kW/kW<br>kW<br>kW/kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW  | 0604<br>400/3/50<br>137,4<br>55,04<br>2,498<br>137,0<br>2,470<br>-<br>149,9<br>49,58<br>3,022<br>150,2<br>2,980<br>144,9<br>46,30<br>188,5<br>7,201<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>111<br>3,61<br>142<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-   | 0704<br>400/3/50<br>150.8<br>65.63<br>2.299<br>150.5<br>2.270<br>-<br>165.5<br>55.74<br>2.971<br>165.8<br>53.06<br>215.6<br>7.183<br>-<br>-<br>121<br>3.63<br>142<br>-<br>7.213<br>35.4<br>7.988<br>47.1<br>4<br>2.84   | 0804           400/3/50           170,1           73,27           2.321           169,7           2.300           -           186,1           62,19           2.992           186,4           2.960           186,3           59,97           242,7           7.150           -           145           3,71           146           -           8.134           35,5           8.982           48,5           4           2           4           5  | 0904<br>400/3/50<br>191,1<br>82,00<br>2.330<br>190,8<br>2.310<br>-<br>211,9<br>69,31<br>3.058<br>212,2<br>3.020<br>211,1<br>67,08<br>274,1<br>7.231<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-  | 1004<br>400/3/50<br>218,2<br>90,26<br>2.416<br>217,9<br>2.390<br>-<br>-<br>238,3<br>78,76<br>3.024<br>238,7<br>78,76<br>3.024<br>236,1<br>74,20<br>305,9<br>7.305<br>-<br>-<br>-<br>-<br>176<br>3,62<br>142<br>-<br>-<br>10,44<br>36,7<br>11,50<br>53,2<br>4<br>2,61<br>5,22<br>4<br>2,61<br>5,22<br>4<br>2,61<br>5,22<br>4<br>2,61<br>5,22<br>4<br>2,61<br>5,22<br>4<br>2,61<br>5,22<br>4<br>2,61<br>5,22<br>4<br>2,61<br>5,22<br>4<br>2,61<br>5,22<br>5,22<br>4<br>2,61<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22<br>5,22 | 1104         400/3/50         250.3         103,0         2.430         249,9         2.400         -         272,8         89,73         3.041         273,2         3.000         269,2         86,31         350,4         7.180         -         215         3,78         148         -         11,97         38,6         13,17         52,1         4         70 5  | 1204           400/3/50           279,1           117,1           2.383           278,8           2.360           -           304,4           100,8           3.020           304,9           2.980           304,0           97,26           395,4           7.188           -           -           240           3.80           149           -           13,35           38,1           14,70           52,9           4           27  |  |
| NX-Q-GO6 /LN Power supply PERFORMANCE COOLING ONLY (GROSS VALUE) Cooling capacity Total power input EER COOLING ONLY (EN14511 VALUE) Cooling capacity EER HEATING ONLY (GROSS VALUE) Total heating capacity Total power input COP HEATING ONLY (In14511 VALUE) Total heating capacity COP COOLING WITH TOTAL HEAT RECOVERY PEASURE ON CONCINCIANA EFFICIENCY METER TOW Pressure drop at the heat exchanger HEAT EXCHANGER USER SIDE IN HEATING WATEr flow Pressure drop at the heat exchanger REFIGUERANT CIRCUIT COMPENSIONS IN. NO. Circuits COMPENSIONS IN. NO. CIRCUITS COMPENSIONS IN. NO. CIRCUITS COMPENSIONS IN. NO. CIRCUITS COMPENSIONS IN. COMPENSIONS IN. C | (1)<br>(1)<br>(1)(2)<br>(1)(2)<br>(3)<br>(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4   | V/ph/Hz<br>kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW<br>kW/kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW  | 0604<br>400/3/50<br>137,4<br>55,04<br>2,498<br>137,0<br>2,470<br>-<br>149,9<br>49,58<br>3,022<br>150,2<br>2,980<br>144,9<br>46,30<br>188,5<br>7,201<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-   | 0704<br>400/3/50<br>150.8<br>65.63<br>2.299<br>150.5<br>2.270<br>-<br>165.5<br>55.74<br>2.971<br>165.8<br>53.06<br>215.6<br>7.183<br>-<br>121<br>3.63<br>142<br>-<br>7.213<br>35.4<br>7.988<br>47,1<br>4<br>2<br>38.4<br>51   | 0804           400/3/50           170,1           73,27           2.321           169,7           2.300           -           186,1           62,19           2.992           186,4           2.960           186,3           59,97           242,7           7.150           -           145           3,71           146           -           35,5           8,982           48,5           4           2           54,2   | 0904<br>400/3/50<br>191,1<br>82,00<br>2.330<br>190,8<br>2.310<br>-<br>211,9<br>69,31<br>3.058<br>212,2<br>3.020<br>211,1<br>67,08<br>274,1<br>7.231<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-  | 1004<br>400/3/50<br>218,2<br>90,26<br>2.416<br>217,9<br>2.390<br>-<br>-<br>238,3<br>78,76<br>3.024<br>238,7<br>2.990<br>236,1<br>74,20<br>305,9<br>7.305<br>-<br>-  | 1104         400/3/50         250,3         103,0         2.430         249,9         -         272,8         89,73         3.041         273,2         3.041         273,2         3.000         269,2         86,31         350,4         7.180         -         -         215         3,78         148         -         11,97         38,6         13,17         52,1         4         2         72,5  | 1204           400/3/50           279,1           117,1           2.383           278,8           2.360           -           304,4           100,8           3.020           304,9           2.980           304,0           97,26           395,4           7.188           -           -           240           3,80           149           -           13,35           38,1           14,70           52,9           4           2           97,2  |  |
| NX-Q-GOG /LN Power supply PERFORMANCE COOLING ONLY (GROSS VALUE) Cooling capacity Total power input EER COOLING ONLY (EN14511 VALUE) Cooling capacity EER ESEER HEATING ONLY (GROSS VALUE) Total heating capacity Total power input COP HEATING ONLY (In14511 VALUE) Total heating capacity COP COOLING WITH TOTAL HEAT RECOVERY FEREVERY SOLOR PORTING RECOVER SEAS SEAS SEAS SEAS SEAS SEAS SEAS SE   | (1)<br>(1)<br>(1)(2)<br>(1)(2)<br>(1)(2)<br>(1)(2)<br>(3)<br>(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4   | V/ph/Hz<br>kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW   | 0604<br>400/3/50<br>137,4<br>55,04<br>2,498<br>137,0<br>-<br>149,9<br>49,58<br>3.022<br>150,2<br>2,980<br>144,9<br>46,30<br>188,5<br>7,201<br>-<br>-<br>-<br>-<br>-<br>-<br>1111<br>3,61<br>142<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-   | 0704<br>400/3/50<br>150.8<br>65.63<br>2.299<br>150.5<br>2.270<br>-<br>165.5<br>55.74<br>2.971<br>165.8<br>53.06<br>215.6<br>7.183<br>-<br>121<br>3.63<br>142<br>-<br>7.213<br>35.4<br>7.988<br>47,1<br>4<br>2<br>38,4<br>54<br>86   | 0804           400/3/50           170,1           73,27           2.321           169,7           .300           -           186,1           62,19           2.992           186,4           2.960           186,3           59,97           242,7           7.150           -           -           145           3,71           146           -           -           48,55           8.982           48,5           4           2           54,22           54   | 0904<br>400/3/50<br>191,1<br>82,00<br>2.330<br>190,8<br>2.310<br>-<br>211,9<br>69,31<br>3.058<br>212,2<br>3.020<br>211,1<br>67,08<br>274,1<br>7.231<br>-<br>-<br>-<br>-<br>-<br>140<br>3,67<br>144<br>-<br>-<br>-<br>-<br>9,141<br>35,1<br>10,23<br>50,7<br>4<br>2<br>57,3<br>55<br>87  | 1004<br>400/3/50<br>218.2<br>90.26<br>2.416<br>217.9<br>2.390<br>-<br>-<br>238.3<br>78.76<br>3.024<br>238.7<br>2.390<br>236.1<br>74.20<br>305.9<br>7.305<br>-<br>-<br>176<br>3.62<br>142<br>-<br>-<br>10,44<br>36.7<br>11,50<br>53.2<br>4<br>260,5<br>56<br>88  | 1104           400/3/50           250,3           103,0           2.430           249,9           -           272,8           89,73           3.041           273,2           3.000           269,2           86,31           350,4           7.180           -           -           215           3,78           148           -           11,97           38,6           13,17           52,1           4           2           72,5           57           89              | 1204           400/3/50           279,1           117,1           2.383           278,8           2.360           -           304,4           100,8           3.020           304,9           2.980           304,0           97,26           395,4           7.188           -           240           3,800           149           -           13,35           38,1           14,70           52,9           4           97,2           57           89   |  |
| NX-Q-GOG /LN Power supply PERFORMANCE COOLING ONLY (GROSS VALUE) Cooling capacity Total power input EER USER HEATING ONLY (EN14511 VALUE) Cooling capacity Total power input COOLING ONLY (GROSS VALUE) Total heating capacity Total power input COP HEATING ONLY (In14511 VALUE) Total heating capacity COOLING WITH TOTAL HEAT RECOVERY EXENDAL EFFICIENCY IN HEATING (Reg. E PDesign SCOP Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E PDesign SCOP Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E PDesign SCOP Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E PDesign SCOP Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E PDESIGN SCOP Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E PDESIGN SCOP Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E PDESIGN SCOP Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E PDESIGN SCOP Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E PDESIGN SCOP Performance ns SEASONAL EFFICIENCY IN HEATING (Reg. E PDESIGN SCOP Performance ns SEASONAL EFFICIENCY IN HEATING (REG. E PDESIGN SCOP PERSURE SIDE IN REFRIGER WITH SEASONAL EFFICIENCY IN HEATING (REG. E PORTINE NS SEASONAL EFFICIENCY IN HEATING SUMPRISE SEASONAL EFFICIENCY IN HEATING SUMPRISE SEASONAL EFFICIENCY IN HEATING SOUND PRESURE SCOMP REVENT IN COOLING SOUND PRESURE SCOMP REVENT IN ADDITION SOUND PRESURE IN SOUND PRESURE SCO | (1)<br>(1)<br>(1)(2)<br>(1)(2)<br>(1)(2)<br>(3)<br>(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4   | V/ph/Hz<br>kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW   | 0604<br>400/3/50<br>137,4<br>55,04<br>2,498<br>137,0<br>-<br>-<br>149,9<br>49,58<br>3,022<br>150,2<br>2,980<br>144,9<br>46,30<br>188,5<br>7,2980<br>144,9<br>46,30<br>188,5<br>7,201<br>-<br>-<br>-<br>-<br>-<br>-<br>1111<br>3,61<br>142<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-   | 0704<br>400/3/50<br>150.8<br>65.63<br>2.299<br>150.5<br>2.270<br>-<br>165.5<br>55.74<br>2.971<br>165.8<br>2.940<br>165.8<br>53.06<br>215.6<br>7.183<br>-<br>-<br>121<br>3.63<br>142<br>-<br>7.213<br>35.4<br>7.988<br>47.1<br>4<br>2<br>38.4<br>54<br>86<br>87                  | 0804<br>400/3/50<br>170,1<br>73,27<br>2,321<br>169,7<br>2,300<br>-<br>-<br>186,1<br>62,19<br>2,992<br>186,4<br>2,992<br>186,4<br>2,990<br>186,3<br>59,97<br>242,7<br>7,150<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-   | 0904<br>400/3/50<br>191,1<br>82,00<br>2.330<br>190,8<br>2.310<br>-<br>-<br>211,9<br>69,31<br>3.058<br>212,2<br>3.020<br>211,1<br>67,08<br>274,1<br>7.231<br>-<br>-<br>-<br>-<br>140<br>3.67<br>144<br>-<br>-<br>-<br>-<br>-<br>140<br>3.67<br>144<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>- | 1004<br>400/3/50<br>218.2<br>90.26<br>2.416<br>217.9<br>2.38,3<br>78.76<br>3.024<br>238,7<br>2.38,7<br>2.390<br>236,1<br>74.20<br>305,9<br>7.305<br>-<br>-<br>-<br>176<br>3.62<br>142<br>-<br>10,44<br>36,7<br>11,50<br>53,2<br>4<br>2<br>60,5<br>56<br>88<br>89  | 1104           400/3/50           250,3           103,0           2.430           249,9           -           272,8           89,73           3.041           273,2           3.000           269,2           86,31           350,4           7.180           -           -           215           3.78           148           -           11,97           38,6           13,17           52,1           4           2           72,5           57           89           90 | 1204           400/3/50           279,1           117,1           2.383           278,8           2.360           -           304,4           100,8           3.020           304,9           2.980           304,0           97,26           395,4           7.188           -           -           -           240           3.80           149           -           13,35           38,1           14,70           52,9           4           2,7,2           57           89           90          |  |
| NX-Q-GO6 /LN Power supply PERFORMANCE COOLING ONLY (GROSS VALUE) Cooling capacity Total power input EER ESER ESER ESER ESER ESER ESER ESER   | (1)<br>(1)(2)<br>(1)(2)<br>(3)<br>(3)<br>(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(4)<br>(1)(2)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)<br>(2)(3)(3)<br>(2)(3)(3)<br>(2)(3)(3)<br>(2)(3)(3)<br>(2)(3)(3)<br>(2)(3)(3)<br>(2)(3)(3)(3)<br>(2)(3)(3)(3)(3)<br>(2)(3)(3)(3)(3)(3)(3)(3)(3)(3)(3)(3)(3)(3) | V/ph/Hz<br>kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW/kW<br>kW<br>kW/kW<br>kW<br>kW/kW<br>kW<br>kW/kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW/kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW<br>kW   | 0604           400/3/50           137,4           55,04           2,498           137,0           -           149,9           49,58           3,022           150,2           2,980           144,9           46,30           188,5           7,201           - <t< th=""><th>0704<br/>400/3/50<br/>150,8<br/>65,63<br/>2.299<br/>150,5<br/>2.270<br/>-<br/>165,5<br/>55,74<br/>2.971<br/>165,8<br/>2.940<br/>165,8<br/>53,06<br/>215,6<br/>7,183<br/>-<br/>-<br/>121<br/>3,63<br/>142<br/>-<br/>7,213<br/>35,4<br/>7,988<br/>47,11<br/>4<br/>2<br/>36,4<br/>54<br/>86<br/>87<br/>3110<br/>2220</th><th>0804           400/3/50           170,1           73,27           2.321           169,7           2.300           -           186,1           62,19           2.992           186,4           2.992           186,3           59,97           242,7           7.150           -</th><th>0904<br/>400/3/50<br/>191,1<br/>82,00<br/>2.330<br/>190,8<br/>2.310<br/>-<br/>211,9<br/>69,31<br/>3.058<br/>212,2<br/>3.020<br/>211,1<br/>67,08<br/>274,1<br/>7.231<br/>-<br/>-<br/>140<br/>3.67<br/>144<br/>-<br/>-<br/>9.141<br/>35,1<br/>10,23<br/>50,7<br/>4<br/>2<br/>57,3<br/>55<br/>87<br/>88<br/>81<br/>4110<br/>2220</th><th>1004<br/>400/3/50<br/>218,2<br/>90,26<br/>2.416<br/>217,9<br/>2.390<br/>-<br/>-<br/>238,3<br/>78,76<br/>3.024<br/>238,7<br/>2.990<br/>236,1<br/>74,20<br/>305,9<br/>7.305<br/>-<br/>-<br/>-<br/>10,64<br/>3.62<br/>142<br/>-<br/>-<br/>10,44<br/>36,7<br/>11,50<br/>53,2<br/>4<br/>2<br/>60,5<br/>56<br/>88<br/>89<br/>4110<br/>2220</th><th>1104         400/3/50         250,3         103,0         2.430         249,9         2.400         -         272,8         89,73         3.041         273,2         3.000         269,2         86,31         350,4         7.180         -         -         215         3.78         148         -         -         11,97         38,6         13,17         52,11         4         272,5         57         89         90         4110         2220</th><th>1204           400/3/50           279,1           117,1           2.383           278,8           2.360           -           304,4           100,8           3.020           304,9           2.980           304,0           97,26           395,4           7.188           -           13,35           38,1           14,9           -           13,35           38,1           14,70           52,9           4           297,2           57           89           90           4110           2220</th></t<> | 0704<br>400/3/50<br>150,8<br>65,63<br>2.299<br>150,5<br>2.270<br>-<br>165,5<br>55,74<br>2.971<br>165,8<br>2.940<br>165,8<br>53,06<br>215,6<br>7,183<br>-<br>-<br>121<br>3,63<br>142<br>-<br>7,213<br>35,4<br>7,988<br>47,11<br>4<br>2<br>36,4<br>54<br>86<br>87<br>3110<br>2220 | 0804           400/3/50           170,1           73,27           2.321           169,7           2.300           -           186,1           62,19           2.992           186,4           2.992           186,3           59,97           242,7           7.150           - | 0904<br>400/3/50<br>191,1<br>82,00<br>2.330<br>190,8<br>2.310<br>-<br>211,9<br>69,31<br>3.058<br>212,2<br>3.020<br>211,1<br>67,08<br>274,1<br>7.231<br>-<br>-<br>140<br>3.67<br>144<br>-<br>-<br>9.141<br>35,1<br>10,23<br>50,7<br>4<br>2<br>57,3<br>55<br>87<br>88<br>81<br>4110<br>2220   | 1004<br>400/3/50<br>218,2<br>90,26<br>2.416<br>217,9<br>2.390<br>-<br>-<br>238,3<br>78,76<br>3.024<br>238,7<br>2.990<br>236,1<br>74,20<br>305,9<br>7.305<br>-<br>-<br>-<br>10,64<br>3.62<br>142<br>-<br>-<br>10,44<br>36,7<br>11,50<br>53,2<br>4<br>2<br>60,5<br>56<br>88<br>89<br>4110<br>2220   | 1104         400/3/50         250,3         103,0         2.430         249,9         2.400         -         272,8         89,73         3.041         273,2         3.000         269,2         86,31         350,4         7.180         -         -         215         3.78         148         -         -         11,97         38,6         13,17         52,11         4         272,5         57         89         90         4110         2220                     | 1204           400/3/50           279,1           117,1           2.383           278,8           2.360           -           304,4           100,8           3.020           304,9           2.980           304,0           97,26           395,4           7.188           -           13,35           38,1           14,9           -           13,35           38,1           14,70           52,9           4           297,2           57           89           90           4110           2220 |  |

10/11



7

| <b>R</b> R454B | P PLATES |
|----------------|----------|
| 4 PIPE SYSTEM  | AXIAL    |
|                | 6 SCROLL |

| NX-Q-G06 /SL  |                |             | 0604           | 0704           | 0804           | 0904           | 1004           | 1104           | 1204           |
|---|----------------|-------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Power supply  |                | V/ph/Hz     | 400/3/50       | 400/3/50       | 400/3/50       | 400/3/50       | 400/3/50       | 400/3/50       | 400/3/50       |
| COOLING ONLY (GROSS VALUE)                                      |                |             | 100.0          | 150.0          | 170.0          | 100 7          | 010.0          | 050.0          | 000 4          |
| Cooling capacity<br>Total power input                           | (1)<br>(1)     | kW<br>kW    | 136,3<br>54,37 | 153,3<br>63,13 | 176,0<br>70,74 | 192,7<br>81,80 | 216,3<br>89,41 | 250,3<br>101,2 | 282,1<br>115,5 |
|   | (1)            | kW/kW       | 2.506          | 2.429          | 2.489          | 2.356          | 2.419          | 2.473          | 2.442          |
| Cooling capacity  | (1)(2)         | kW          | 136,0          | 153,0          | 175,7          | 192,4          | 216,0          | 250,0          | 281,8          |
| EER   | (1)(2)         | kW/kW       | 2.480          | 2.400          | 2.460          | 2.330          | 2.390          | 2.450          | 2.420          |
| HEATING ONLY (GROSS VALUE)                                      | (1)(2)         | KVV/KVV     | -              | -              | -              | -              | -              | -              | -              |
| Total heating capacity  | (3)            | kW          | 149,5          | 167,3          | 192,9          | 212,8          | 237,7          | 276,8          | 310,1          |
| COP   | (3)            | kW/kW       | 3.089          | 3.064          | 3.052          | 3.040          | 3.091          | 3.142          | 3.067          |
| HEATING ONLY (EN14511 VALUE)                                    | (2)(2)         | F/W         | 140.9          | 167.6          | 102.2          | 212.1          | 228.1          | 077.0          | 210.6          |
| COP   | (2)(3)         | kW/kW       | 3.050          | 3.030          | 3.010          | 3.000          | 3.050          | 3.100          | 3.030          |
| COOLING WITH TOTAL HEAT RECOVERY                                | (4)            | k/W         | 1// 9          | 165.8          | 186.3          | 211.1          | 236.1          | 260.2          | 304.0          |
| Total power input   | (4)            | kW          | 46,30          | 53,06          | 59,97          | 67,08          | 74,20          | 86,31          | 97,26          |
| Recovery heat exchanger capacity                                | (4)            | kW<br>kw/kw | 188,5<br>7 201 | 215,6<br>7 183 | 242,7          | 274,1          | 305,9          | 350,4          | 395,4<br>7 188 |
| ENERGY EFFICIENCY   |                | NW/ NW      | 1.201          | 7.105          | 7.150          | 1.201          | 1.000          | 7.100          | 7.100          |
| SEASONAL EFFICIENCY IN COOLING (Reg. E<br>Ambient refrigeration | EU 2016/22     | 281)        |                |                |                |                |                |                |                |
| Prated,c  | (11)           | kW          | -              | -              | -              | -              | -              | -              | -              |
| SEER<br>Performance ns  | (11)(12)       | %           | -              | -              | -              | -              | -              | -              | -              |
| SEASONAL EFFICIENCY IN HEATING (Reg. E                          | U 813/201      | 3)          |                |                |                |                |                |                |                |
| PDesign<br>SCOP   | (5)<br>(5)(14) | kW          | 117<br>3.85    | 133<br>3.92    | 132<br>3.62    | 143<br>3.62    | 188<br>3.86    | 215<br>4 00    | 242            |
| Performance ns  | (5)(15)        | %           | 151            | 154            | 142            | 142            | 151            | 157            | 151            |
| Seasonal efficiency class<br>EXCHANGERS                         | (16)           |             | -              | -              | -              | -              | -              | -              | -              |
| HEAT EXCHANGER USER SIDE IN REFRIGER                            | ATION          |             | 0.510          | 7 000          | 0.440          | 0.010          | 10.04          | 44.07          | 10.10          |
| Pressure drop at the heat exchanger                             | (1)            | i/s<br>kPa  | 6.518<br>34,6  | 7.332<br>36,6  | 8.418<br>38,0  | 9.216<br>35,7  | 10,34<br>36,0  | 11,97<br>38,6  | 13,49<br>38,9  |
| HEAT EXCHANGER USER SIDE IN HEATING                             | (0)            | 1/-         | 7.014          | 0.075          | 0.010          | 10.07          | 44.47          | 10.00          | 14.07          |
| Pressure drop at the heat exchanger                             | (3)            | i/s<br>kPa  | 45,5           | 48,2           | 9.312<br>52,1  | 51,1           | 52,9           | 53,7           | 54,9           |
| REFRIGERANT CIRCUIT   |                | NIC         | 4              |                |                | 4              |                |                | 4              |
| No. Circuits  |                | N°          | 4              | 2              | 2              | 2              | 2              | 2              | 2              |
| Refrigerant charge  |                | kg          | 49,5           | 63,1           | 63,2           | 63,3           | 73,8           | 99,0           | 99,0           |
| Sound Pressure  | (6)            | dB(A)       | 50             | 50             | 51             | 51             | 51             | 53             | 54             |
| Sound power level in cooling                                    | (7)(8)         | dB(A)       | 82             | 82             | 83             | 83             | 83             | 85             | 86             |
| Size AND WEIGHT   | (7)(9)         | ub(A)       | 03             | 03             | 04             | 04             | 04             | 00             | 0/             |
| Length  | (10)           | mm          | 3110           | 3110           | 4110           | 4110           | 4110           | 5110           | 5110           |
| Height  | (10)           | mm          | 2150           | 2150           | 2150           | 2150           | 2150           | 2150           | 2150           |
| Operating weight  | (10)           | kg          | 1750           | 1850           | 2070           | 2230           | 2480           | 2810           | 2930           |

#### Notes:

- Votes: Plant (side) cooling exchanger water (in/out) 12°C/7°C; Source (side) heat exchanger air (in) 35°C. Values in compliance with EN14511 Plant (side) heat exchanger water (in/out) 40°C/45°C; 1
- 2
- 3

- 3 Plant (side) heat exchanger water (in/out) 40°C/45°C;
  Source (side) heat exchanger air (in) 7°C 87% R.H.
  4 Plant (side) cooling exchanger water (in/out) 12°C/7°C;
  Plant (side) heat exchanger water (in/out) 40°C/45°C.
  5 Parameter calculated for LOW-TEMPERATURE application in AVERAGE climate conditions according to [REGULATION (EU) N. 813/2013]
  6 Average sound pressure level at 10m distance, unit in a free field on a reflective surface; non-binding value calculated from the sound power level.
- Sound power on the basis of measurements made in compliance with ISO 9614. 7
- 8 Sound power level in cooling, outdoors.9 Sound power level in heating, outdoors.
- 10 Unit in standard configuration/execution, without optional accessories. 11 Parameter calculated according to [REGULATION (EU) N. 2016/2281]

- Parameter calculated according to [REGULATION (EU) N. 2010/2201]
   Seasonal energy efficiency ratio
   Seasonal space cooling energy efficiency
   Seasonal space heating energy efficiency
   Seasonal space heating energy efficiency
   Energy efficiency class referred to LOW-TEMPERATURE application
   The units highlighted in this publication contain R454B [GWP<sub>100</sub> 466] fluorinated greenhouse gases.

Certified data in EUROVENT



## " BY FAR THE BEST PROOF IS EXPERIENCE"

**Sir Francis Bacon** British Philosopher (1561 - 1626)

# DIOCESAN SCHOOL FOR GIRLS

2015-2018 Auckland - New Zealand

Applications: School / University Cooling capacity: 1175

Plant type: Hydronic System Heating capacity: 380

Installed machines: 1x NECS/B S 2818; 1x NECS-Q/SL-CA 1314; 1x NECS/LN 0412T;



#### PROJECT

This project is a prestigious private school for girls established in Auckland in 1903. It caters to international students and offers accommodations for 50 boarders, from preschool to 16. The Diocesan school is continuously enlarging due to the growing number of girls registering.

#### CHALLENGE

The next stage of the development will see the opening of the Centre for the Arts: a 1000 seat auditorium for music, dance, drama and visual art exhibitions, while providing ideal comfort in classrooms, accommodations and public spaces.

#### SOLUTION

To provide students and staff with best comfort conditions, the HVAC systems of many facilities are based on Climaveneta units. In particular, cooling is provided by 2 air cooled NECS chillers, while the New Centre of Arts will be equipped with 1 NECS-Q, Integra smart heat pump. Thanks to the smart design and control logic of this technology, in case of simultaneous cooling and heating production a significant share of heating is recovered for free, thus strongly reducing operating costs and increasing the sustainability of the new centre.





#### ESSELUNGA VIALE FAMAGOSTA MILAN - ITALY

Period: 2018 Application: Supermarkets Plant type: Hydronic System Cooling capacity: 502 kW Heating capacity: 547 kW Installed machines: 2x NX-N SL-CA, 1x NX-Q/SL



#### ALEXANDER FLEMING - BIOMEDIAL SCIENCES RESEARCH CENTRE ATHENS - GREECE

Period: 2018 Application: School / University Plant type: Hydronic System Cooling capacity: 184 kW Heating capacity: 205 kW Installed machines: 2x 4-pipe INTEGRA units, 2 x NX-Q/SL

#### EKERA MEDICAL CENTER MELBOURNE - AUSTRALIA

Period: 2019 Application: Healthcare / Hospitals Plant type: Hydronic System Cooling capacity: 131 kW Heating capacity: 142 kW Installed machines: 1x NX-Q/SL

14/15

#### LOUWMAN RIDDERKERK ROTTERDAM - NETHERLANDS

Period: 2019 Application: Office Buildings Plant type: Hydronic System Cooling capacity: 414 kW Heating capacity: 434 kW Installed machines: 3x NX-Q

ROLEX ITALY MILAN - ITALY

Period: 2019 Application: Offices Plant type: Hydronic System Cooling capacity: 280 kW Heating capacity: 301 kW Installed machines: 1x NX-Q/SL, 1x NECS-WQ

#### MERCK HQ DARMSTADT - GERMANY

Period: 2020 Application: Office Buildings Plant type: Hydronic System Installed machines: 1x NX-G06/LN-K/0702P

#### **BUILDING 28 TU DELFT CAMPUS DELFT - NETHERLANDS**

Period: 2019 Application: Hydronic System Cooling capacity: 212 Installed machines: 1x NX-G06/LN-CA







Group's environmental statement, and expresses the Group's stance on environmental management. Through a wide range of businesses, we are helping contribute to the realization of a

## MITSUBISHI ELECTRIC HYDRONICS & IT COOLING SYSTEMS S.p.A.

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