

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

COMFORT

CHILLERS

NX²

G02
G06

AIR COOLED CHILLERS
FOR OUTDOOR INSTALLATION,
FROM 40 TO 226 kW

R410A R454B



NX² G02 G06



QUIETER. GREENER. COOLER.

**Air cooled chillers with scroll compressors and low GWP refrigerant.
From 40 to 226 kW.**



NX2-G02 and NX2-G06 are air cooled chillers with scroll compressors designed for delivering the best efficiencies in comfort applications.

All the main hydraulic and mechanical components are integrated inside the unit, providing the ideal plug & play solution for HVAC plants.

Available with either R410A refrigerant or the low GWP R454B, the new range presents units with two compressors in a single-circuit configuration.

The complete range is Eurovent certified and all the sizes are completely ErP2021 compliant.

COMFORT APPLICATIONS

- ✓ Hotels
- ✓ Museums
- ✓ Banks
- ✓ Shopping centers
- ✓ Education centres
- ✓ Institutions
- ✓ Office buildings
- ✓ Sport facilities

PREMIUM EFFICIENCIES IN COOLING



COOLING

NX2 Air cooled chillers

UP TO

Standard Units Efficiency

EER SEER

3,38 4,73

Units with Ultra Performance kit

EER SEER

3,61 4,84

Units with Noise Reducer kit

EER SEER

3,26 4,59

EER: 12/7°C, air 35°C (EN14511 values)
SEER: Regulation (EU) N. 2016/2281

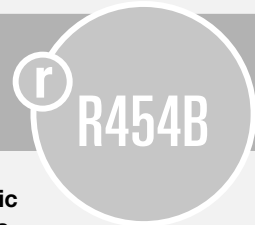
3 ACOUSTIC VERSIONS

Standard	Low sound power levels already in the standard version.	
Compressor sound proofing insulation	Additional compressor sound proofing insulation for even lower sound power levels.	-1 dB(A)
NR Kit	The highest level of noise reduction. No compromises in efficiency!	up to -4 dB(A)

HEAT RECOVERY CONFIGURATIONS

Standard unit	Unit without heat recovery.	-
Partial heat recovery	A desuperheater on the compressor discharge line recovers approximately 20% of the unit's capacity.	60°C
	Suitable for DHW production or other secondary uses, such as the integration of an existing boiler.	

NEW GENERATION GREEN REFRIGERANT



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

Thanks to the new generation refrigerant R454B, the environmental impact of NX2-G06 is greatly reduced. Combining reduced refrigerant charge with a low GWP refrigerant, these units boast the lowest amount of CO₂eq in the scroll unit market, thus resulting as the perfect choice for any new forward looking installation.

R454B REFRIGERANT

High density, low **GWP refrigerant**. Its physical properties are **similar to R410A**, so the same type of equipment / components can be used.

REDUCED ENVIRONMENTAL IMPACT

- ▶ Low GWP, only 467
- ▶ Reduced refrigerant charge (-10% vs R410A)

RELIABILITY

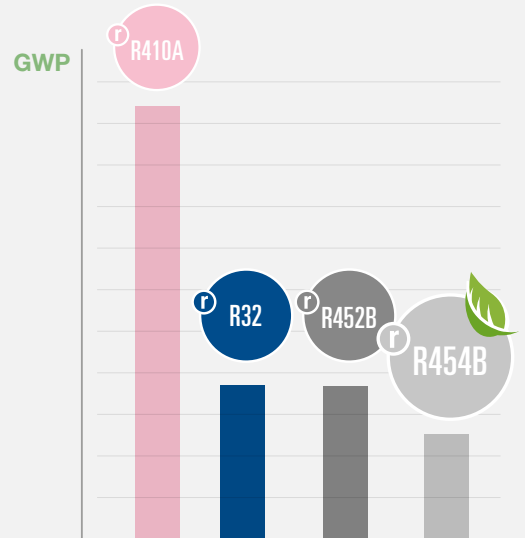
- ▶ Use of **well-known components**
- ▶ Refrigerant circuit **reliability** is maintained

PERFORMANCE & ENVELOPE

- ▶ **Same operating limits** of R410A both in **cooling and heating**
- ▶ Higher efficiency (full load +3,5%, seasonal +2% vs R410A)

GWP: 467

-76% vs R410A
-31% vs R32



HIGHER EFFICIENCY IN LESS SPACE

+10% COOLING CAPACITY

+11% SEASONAL EFFICIENCY

UP
KIT



NX2 delivers increased cooling capacity and efficiency compared to the previous generation, exceeding the most demanding efficiency thresholds.

UP kit is available for a higher efficiency level while maintaining the same compact footprint as the standard version.

SUPER SILENT OPERATION

AMONG THE MOST SILENT SCROLL CHILLER IN THE MARKET

NR
KIT

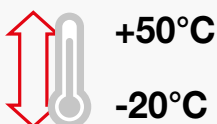


NX2-G02 and NX2-G06 ranges are key in providing perfect environmental comfort.

NR Kit is available for an outstanding sound level while maintaining the same performance and footprint as the standard version.

UNYIELDING IN EXTREME CONDITIONS

EXTENDED OPERATING LIMITS



Designed to ensure complete reliability, NX2 operates in all climates from -20°C to +50°C.

NX2 can be equipped with highly resistant coil coatings to withstands even the harshest industrial or coastal environmental conditions.

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 and M-Net Mitsubishi Electric proprietary protocol (Opt.)

Compact 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.

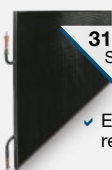
Patent-pending solution which optimizes the thermodynamic cycle



New generation full aluminum micro-channel coils for cooling only chillers

- ▶ Long Life Alloy (LLA) for higher corrosion resistance and longer life cycle
- ▶ Up to 30% of refrigerant charge reduction vs. traditional solutions
- ▶ Lower weight vs. traditional solutions

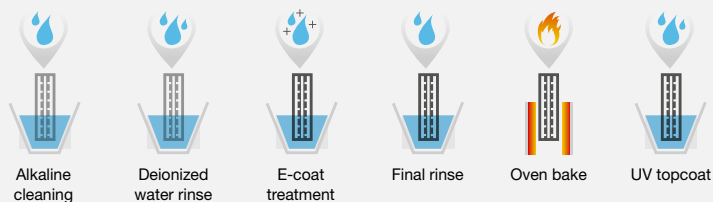
Al- E-coating treatment (opt.)



3120 h
SWAAT test
(ASTM G85-02 A3)

- ✓ Excellent resistance to UV rays.
- ✓ over 6000 h resistance as per ASTM B117
- ✓ over 1000 h of surface protection against UV rays as per ASTM G155-05a

E-coating process



R454B Refrigerant

GWP: 467

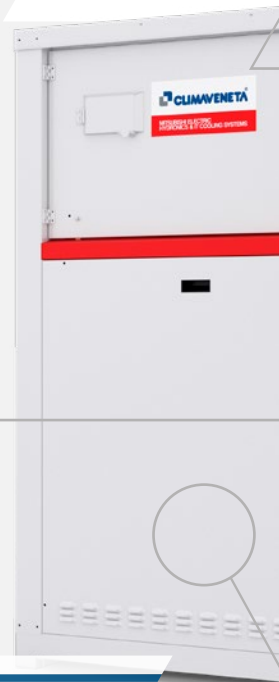
-76% vs R410A
-31% vs R32

High density, low GWP refrigerant

▶ **Composition:**
69% R32 + 31% R1234yf

▶ **Global Warming Potential:**
467 (IPCC AR5)

▶ **Safety classification:**
- A2L mildly flammable (ISO 817)
- Fluid Group 1 (PED)



BEST-IN-CLASS TECHNOLOGICAL CHOICES FOR HIGH-LEVEL PERFORMANCE AND SUPER SILENT OPERATION

FANS

High performing, axial fans:

- ▶ External bell mouth for the highest efficiency and one of the best sound power level in the market
- ▶ Variable Speed control as standard (DVVF), for large operating limits

UP TO +6% MORE SEASONAL EFFICIENCY



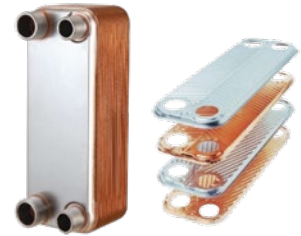
EC fans (opt. available for all versions)

- ▶ Continuous regulation of air flow
- ▶ Reduced power consumption and increased efficiencies at partial loads
- ▶ High ESP EC fan option for up to 150 Pa of available static pressure



Plate heat exchange

- ▶ Compact, efficient, with low pressure drops
- ▶ Made of AISI 316 steel plates, copper-brazed, **fully protected against ice formation with closed-cell neoprene external lining**



SCROLL COMPRESSORS



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

- ▶ **Tandem configuration** to benefit from **higher seasonal efficiency**
- ▶ **Specific oil management solution** for enhanced reliability

HYDRONIC MODULES

The **fully integrated hydronic module** (opt.) includes the pumps, the buffer tank, and all the main hydraulic components, **which optimize 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

- ▶ External inverter to adjust the waterflow
- ▶ Reduced energy consumption through speed regulation
- ▶ Available flow control logics: Constant flow parameter-set, variable flow with VPF and VPF.D systems

Pumps + Buffer tank

- ▶ Up to 250 liter buffer tank
- ▶ 20mm insulation lining
- ▶ Including: expansion vessel, safety valve, manometer.

ACCESSORIES AND FURTHER OPTIONS

KIPLink USER INTERFACE



An exclusive product of
Mitsubishi Electric Hydraulics & IT Cooling Systems.

Based on Wi-Fi technology, KIPLink is an option that allows one to operate 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.

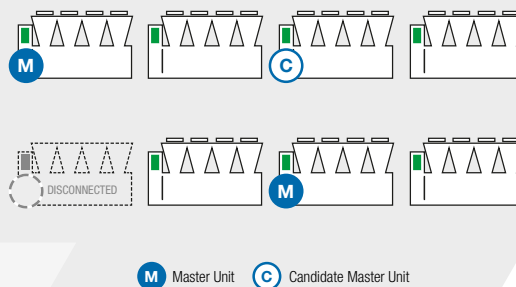
SMART LAN FUNCTIONS

The NX2 ranges feature embedded LAN logics for an easy connection between a group of chillers.

- ▶ Up to 8 chillers connected to the same group.
- ▶ Load sharing and Sequencing logics for the smart distribution of cooling loads among the units.
- ▶ Selectable units' start-up sequence to avoid simultaneous start-ups of different unit's compressors in case of dangerous current peaks.
- ▶ Stand by unit management with automatic unit rotation.
- ▶ Dynamic master with succession priority One master unit is elected to coordinate the group and if it becomes disconnected the candidate unit takes full control.
- ▶ Resource priority management For a group of chillers, with different technologies, it is possible to set the usage priority of each unit, making the most of the available cooling resources.

The entire cooling equipment works as one, with one master chiller that coordinates and optimizes the operation of the group.

MASTER SUCCESSION PRIORITY



FURTHER OPTIONS

Set-point adjustment

4-20 mA: Enables remote set-point adjustments (analog input).

Double set-point: Enables the remote switch between 2 set-points (digital input).

Set-point compensation: Automatic adjustment of the set-point on the basis of the outdoor temperature.

Control functions

Night mode: Limits the unit sound level reducing the usage of the resources. Sound power reduction (with factory settings): -3 dB(A).

U.L.C. User Limit Control: Controls a mixing valve (not included) to ensure a safe start-up and operation of the unit even in critical conditions.

Remote probe: Controls the unit's and pump's activation on the base of the water temperature of the buffer tank or hydraulic decoupler.

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.

Soft-starter: Manages the inrush current enabling lower motor windings' mechanical wear, avoidance of mains voltage fluctuations during starting and favorable sizing for the electrical system.

Connectivity

Serial card interface module to allow integration with BMS protocols:

Modbus / LonWorks / BACnet MS/TP / BACnet over IP / Konnex / Modbus TCP/IP/ SNMP

M-Net interface kit: Interface module to allow the integration of the unit with Mitsubishi Electric proprietary communication protocol M-Net.

Multi Manager options to allow easy connection between a group of chillers

Energy 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).

Energy meter for W3000: The electrical data acquired is available directly on the unit's control.

Refrigerant circuit

Compressor suction and discharge valves: Installed for each compressor tandem, the valves simplify maintenance activities. The user can work on the isolated valve for periodic maintenance or replacement, without removing the refrigerant from the circuit.

Dual pressure relief valves with switch: One valve is isolated from the refrigerant circuit while the other is in service. The user can work on the isolated valve for periodic maintenance or replacement, without removing the refrigerant from the circuit.

Refrigerant leak detector

Leak detector: Factory installed device. In case of a gas leak detection it raises an alarm.

Leak detector + compressor off: Factory installed device. In case of a gas leak detection it raises an alarm and stops the units.

Hydraulic

Water flow switch: Designed to protect the unit when the water flow across the evaporator is not sufficient and falls outside of the operating parameters.

Structure

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

Spring or rubber type anti-vibration mountings: Reduce vibrations, keeping noise transmission to a minimum.

Forklift lifting brackets: additional option available for an easier lifting of the units.

Packing

Standard or nylon packing: The unit is provided with plastic supports, with or without a protective nylon layer.

Container slides or packing: The unit is provided with metal slides to load it in a container, with or without a protective nylon layer.

Wooden cage packing: The unit is provided with a robust wooden cage, with or without a protective nylon layer.



NX2 G02

0042 - 0222

Air cooled chillers
with R410A refrigerant
(from 43 to 226 kW)



NX2-G02



Model			0042	0052	0062	0072	0082	0092	0102
Power supply	V/ph/Hz		400/3+N/50	400/3+N/50	400/3+N/50	400/3+N/50	400/3+N/50	400/3+N/50	400/3/50
PERFORMANCE									
COOLING ONLY (GROSS VALUE)									
Cooling capacity	(1)	kW	43,01	50,98	57,39	65,18	72,35	85,58	99,35
Total power input	(1)	kW	14,25	17,24	19,17	20,12	22,98	28,01	30,25
EER	(1)	kW/kW	3.028	2.965	2.990	3.244	3.148	3.057	3.281
ESEER	(1)	kW/kW	-	-	-	-	-	-	-
COOLING ONLY (EN14511 VALUE)									
Cooling capacity	(1)(2)	kW	42,90	50,80	57,20	65,00	72,10	85,30	99,10
EER	(1)(2)	kW/kW	2,960	2,910	2,940	3,170	3,080	2,990	3,230
ESEER	(1)(2)	kW/kW	-	-	-	-	-	-	-
Cooling energy class			-	-	-	-	-	-	-
ENERGY EFFICIENCY									
SEASONAL EFFICIENCY IN COOLING (Reg. EU 2016/2281)									
Ambient refrigeration									
Prated,c	(7)	kW	42,9	50,8	57,2	65,0	72,1	85,3	99,1
SEER	(7)(8)		4,58	4,58	4,38	4,45	4,44	4,44	4,44
Performance η_s	(7)(9)	%	180	180	172	175	175	175	175
EXCHANGERS									
HEAT EXCHANGER USER SIDE IN REFRIGERATION									
Water flow	(1)	l/s	2.057	2.438	2.744	3.117	3.460	4.092	4.751
Pressure drop at the heat exchanger	(1)	kPa	50,4	36,7	46,5	51,9	52,0	52,1	41,5
REFRIGERANT CIRCUIT									
Compressors nr.		N°	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1
Refrigerant charge		kg	8,10	8,10	8,50	10,5	10,6	11,8	13,9
NOISE LEVEL									
Sound Pressure	(3)	dB(A)	49	50	49	51	52	52	52
Sound power level in cooling	(4)(5)	dB(A)	81	82	81	83	84	84	84
SIZE AND WEIGHT									
A	(6)	mm	1825	1825	1825	2395	2395	2395	2825
B	(6)	mm	1195	1195	1195	1195	1195	1195	1195
H	(6)	mm	1865	1865	1865	1865	1865	1865	1980
Operating weight	(6)	kg	500	510	550	630	630	640	770

Model			0112	0122	0142	0162	0182	0202	0222
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
PERFORMANCE									
COOLING ONLY (GROSS VALUE)									
Cooling capacity	(1)	kW	110,0	123,8	137,6	161,4	184,3	196,9	221,3
Total power input	(1)	kW	35,14	41,97	49,62	52,75	62,02	68,30	80,48
EER	(1)	kW/kW	3.134	2.948	2.774	3.063	2.973	2.883	2.749
ESEER	(1)	kW/kW	-	-	-	-	-	-	-
COOLING ONLY (EN14511 VALUE)									
Cooling capacity	(1)(2)	kW	109,7	123,5	137,3	161,1	184,0	196,6	220,9
EER	(1)(2)	kW/kW	3,070	2,900	2,730	3,010	2,930	2,840	2,710
ESEER	(1)(2)	kW/kW	-	-	-	-	-	-	-
Cooling energy class			-	-	-	-	-	-	-
ENERGY EFFICIENCY									
SEASONAL EFFICIENCY IN COOLING (Reg. EU 2016/2281)									
Ambient refrigeration									
Prated,c	(7)	kW	110	124	137	161	184	197	221
SEER	(7)(8)		4,23	4,26	4,31	4,47	4,40	4,43	4,31
Performance η_s	(7)(9)	%	166	167	170	176	173	174	169
EXCHANGERS									
HEAT EXCHANGER USER SIDE IN REFRIGERATION									
Water flow	(1)	l/s	5.261	5.920	6.579	7.721	8.815	9.418	10.58
Pressure drop at the heat exchanger	(1)	kPa	50,9	51,3	48,0	54,1	49,3	42,8	54,0
REFRIGERANT CIRCUIT									
Compressors nr.		N°	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1
Refrigerant charge		kg	15,2	16,5	16,8	23,3	23,2	24,3	24,4
NOISE LEVEL									
Sound Pressure	(3)	dB(A)	52	52	53	54	55	55	56
Sound power level in cooling	(4)(5)	dB(A)	84	84	85	86	87	87	88
SIZE AND WEIGHT									
A	(6)	mm	2825	2825	2825	3980	3980	3980	3980
B	(6)	mm	1195	1195	1195	1195	1195	1195	1195
H	(6)	mm	1980	1980	1980	1980	1980	1980	1980
Operating weight	(6)	kg	770	850	920	1130	1170	1180	1220

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
- 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 taken in compliance with ISO 9614.

- Sound power level in cooling, outdoors.
- Unit in standard configuration, without optional accessories.
- Parameter calculated according to [REGULATION (EU) N. 2016/2281]
- Seasonal energy efficiency ratio
- Seasonal space cooling energy efficiency

The units highlighted in this publication contain R410A [GWP₁₀₀ 2088] fluorinated greenhouse gases.

Certified data in EUROVENT



NX²G06

0042 - 0222

Air cooled chillers
with low GWP
R454B refrigerant
(from 40 to 212 kW)



NX2-G06



Model			0042	0052	0062	0072	0082	0092	0102
Power supply	V/ph/Hz		400/3+N/50	400/3+N/50	400/3+N/50	400/3+N/50	400/3+N/50	400/3+N/50	400/3/50
PERFORMANCE									
COOLING ONLY (GROSS VALUE)									
Cooling capacity	(1)	kW	40,53	48,58	54,16	60,98	68,18	79,82	93,31
Total power input	(1)	kW	13,64	16,10	17,02	17,66	20,47	25,36	27,94
EER	(1)	kW/kW	2,978	3,019	3,188	3,446	3,327	3,142	3,344
ESEER	(1)	kW/kW	-	-	-	-	-	-	-
COOLING ONLY (EN14511 VALUE)									
Cooling capacity	(1)(2)	kW	40,40	48,50	54,00	60,80	68,00	79,60	93,10
EER	(1)(2)	kW/kW	2,920	2,970	3,120	3,380	3,260	3,090	3,290
ESEER	(1)(2)	kW/kW	-	-	-	-	-	-	-
Cooling energy class			-	-	-	-	-	-	-
ENERGY EFFICIENCY									
SEASONAL EFFICIENCY IN COOLING (Reg. EU 2016/2281)									
Ambient refrigeration									
Prated,c	(7)	kW	40,4	48,5	54,0	60,8	68,0	79,6	93,1
SEER	(7)(8)		4,61	4,72	4,56	4,65	4,57	4,60	4,53
Performance η_s	(7)(9)	%	181	186	179	183	180	181	178
EXCHANGERS									
HEAT EXCHANGER USER SIDE IN REFRIGERATION									
Water flow	(1)	l/s	1,938	2,323	2,590	2,916	3,261	3,817	4,462
Pressure drop at the heat exchanger	(1)	kPa	44,8	33,3	41,4	45,4	46,2	45,3	36,6
REFRIGERANT CIRCUIT									
Compressors nr.		N°	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1
Refrigerant charge		kg	7,60	7,60	8,00	9,90	10,0	11,1	13,1
NOISE LEVEL									
Sound Pressure	(3)	dB(A)	49	50	49	51	52	52	52
Sound power level in cooling	(4)(5)	dB(A)	81	82	81	83	84	84	84
SIZE AND WEIGHT									
A	(6)	mm	1825	1825	1825	2395	2395	2395	2825
B	(6)	mm	1195	1195	1195	1195	1195	1195	1195
H	(6)	mm	1865	1865	1865	1865	1865	1865	1980
Operating weight	(6)	kg	500	510	550	630	630	640	770

Model			0112	0122	0142	0162	0182	0202	0222
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
PERFORMANCE									
COOLING ONLY (GROSS VALUE)									
Cooling capacity	(1)	kW	103,8	116,5	129,6	152,0	174,2	186,9	208,7
Total power input	(1)	kW	32,74	38,27	44,42	47,39	55,37	61,54	70,86
EER	(1)	kW/kW	3,174	3,042	2,919	3,207	3,144	3,039	2,944
ESEER	(1)	kW/kW	-	-	-	-	-	-	-
COOLING ONLY (EN14511 VALUE)									
Cooling capacity	(1)(2)	kW	103,5	116,2	129,3	151,7	173,9	186,6	208,3
EER	(1)(2)	kW/kW	3,110	2,990	2,870	3,150	3,100	3,000	2,900
ESEER	(1)(2)	kW/kW	-	-	-	-	-	-	-
Cooling energy class			-	-	-	-	-	-	-
ENERGY EFFICIENCY									
SEASONAL EFFICIENCY IN COOLING (Reg. EU 2016/2281)									
Ambient refrigeration									
Prated,c	(7)	kW	104	116	129	152	174	187	208
SEER	(7)(8)		4,29	4,32	4,38	4,48	4,49	4,48	4,46
Performance η_s	(7)(9)	%	168	170	172	176	177	176	175
EXCHANGERS									
HEAT EXCHANGER USER SIDE IN REFRIGERATION									
Water flow	(1)	l/s	4,965	5,573	6,198	7,268	8,331	8,937	9,979
Pressure drop at the heat exchanger	(1)	kPa	45,4	45,5	42,6	47,9	44,1	38,5	48,0
REFRIGERANT CIRCUIT									
Compressors nr.		N°	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1
Refrigerant charge		kg	14,3	15,5	15,8	21,9	22,7	22,8	22,9
NOISE LEVEL									
Sound Pressure	(3)	dB(A)	52	52	53	54	55	55	56
Sound power level in cooling	(4)(5)	dB(A)	84	84	85	86	87	87	88
SIZE AND WEIGHT									
A	(6)	mm	2825	2825	2825	3980	3980	3980	3980
B	(6)	mm	1195	1195	1195	1195	1195	1195	1195
H	(6)	mm	1980	1980	1980	1980	1980	1980	1980
Operating weight	(6)	kg	770	850	920	1130	1170	1180	1220

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
- 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 taken in compliance with ISO 9614.

- Sound power level in cooling, outdoors.
- Unit in standard configuration, without optional accessories.
- Parameter calculated according to [REGULATION (EU) N. 2016/2281]
- Seasonal energy efficiency ratio
- Seasonal space cooling energy efficiency

The units highlighted in this publication contain R454B [GWP₁₀₀ 466] fluorinated greenhouse gases.

Certified data in EUROVENT



NX2 G02

0042 - 0222

Air cooled chillers
with R410A refrigerant
(from 43 to 226 kW)



NX2-G02 + UP kit



Air cooled chiller with
Ultra Performance Kit



Model			0042	0052	0062	0072	0082	0092	0102
Power supply	V/ph/Hz		400/3+N/50	400/3+N/50	400/3+N/50	400/3+N/50	400/3+N/50	400/3+N/50	400/3/50
PERFORMANCE									
COOLING ONLY (GROSS VALUE)									
Cooling capacity	(1)	kW	43,71	52,01	58,22	65,84	72,99	86,42	100,4
Total power input	(1)	kW	13,34	16,05	17,64	18,91	21,44	25,81	30,20
EER	(1)	kW/kW	3,286	3,230	3,307	3,481	3,411	3,349	3,325
ESEER	(1)	kW/kW	-	-	-	-	-	-	-
COOLING ONLY (EN14511 VALUE)									
Cooling capacity	(1)(2)	kW	43,60	51,90	58,00	65,60	72,70	86,10	100,1
EER	(1)(2)	kW/kW	3,200	3,190	3,230	3,400	3,330	3,270	3,260
ESEER	(1)(2)	kW/kW	-	-	-	-	-	-	-
Cooling energy class			-	-	-	-	-	-	-
ENERGY EFFICIENCY									
SEASONAL EFFICIENCY IN COOLING (Reg. EU 2016/2281)									
Ambient refrigeration									
Prated,c	(7)	kW	43,6	51,9	58,0	65,6	72,7	86,1	100
SEER	(7)(8)		4,66	4,68	4,46	4,52	4,51	4,53	4,47
Performance ηs	(7)(9)	%	183	184	176	178	178	178	176
EXCHANGERS									
HEAT EXCHANGER USER SIDE IN REFRIGERATION									
Water flow	(1)	l/s	2,090	2,487	2,784	3,149	3,491	4,133	4,800
Pressure drop at the heat exchanger	(1)	kPa	52,1	38,2	47,8	52,9	52,9	53,1	42,4
REFRIGERANT CIRCUIT									
Compressors nr.		N°	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1
Refrigerant charge		kg	8,10	8,10	8,50	10,5	10,6	11,8	13,9
NOISE LEVEL									
Sound Pressure	(3)	dB(A)	53	53	53	54	55	55	57
Sound power level in cooling	(4)(5)	dB(A)	85	85	85	86	87	87	89
SIZE AND WEIGHT									
A	(6)	mm	1825	1825	1825	2395	2395	2395	2825
B	(6)	mm	1195	1195	1195	1195	1195	1195	1195
H	(6)	mm	1865	1865	1865	1865	1865	1865	1980
Operating weight	(6)	kg	500	510	550	630	630	640	770

Model			0112	0122	0142	0162	0182	0202	0222
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
PERFORMANCE									
COOLING ONLY (GROSS VALUE)									
Cooling capacity	(1)	kW	111,2	125,7	140,4	163,8	187,4	201,0	226,0
Total power input	(1)	kW	34,62	40,51	47,03	51,59	59,80	65,15	75,73
EER	(1)	kW/kW	3,214	3,104	2,987	3,174	3,134	3,083	2,985
ESEER	(1)	kW/kW	-	-	-	-	-	-	-
COOLING ONLY (EN14511 VALUE)									
Cooling capacity	(1)(2)	kW	110,8	125,4	140,1	163,5	187,0	200,7	225,7
EER	(1)(2)	kW/kW	3,140	3,040	2,930	3,120	3,080	3,040	2,940
ESEER	(1)(2)	kW/kW	-	-	-	-	-	-	-
Cooling energy class			-	-	-	-	-	-	-
ENERGY EFFICIENCY									
SEASONAL EFFICIENCY IN COOLING (Reg. EU 2016/2281)									
Ambient refrigeration									
Prated,c	(7)	kW	111	125	140	164	187	201	226
SEER	(7)(8)		4,25	4,31	4,39	4,51	4,44	4,49	4,39
Performance ηs	(7)(9)	%	167	169	172	178	175	177	172
EXCHANGERS									
HEAT EXCHANGER USER SIDE IN REFRIGERATION									
Water flow	(1)	l/s	5,316	6,010	6,713	7,833	8,960	9,612	10,81
Pressure drop at the heat exchanger	(1)	kPa	52,0	52,9	49,9	55,7	51,0	44,5	56,3
REFRIGERANT CIRCUIT									
Compressors nr.		N°	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1
Refrigerant charge		kg	15,2	16,5	16,8	23,3	23,2	24,3	24,4
NOISE LEVEL									
Sound Pressure	(3)	dB(A)	57	57	58	59	59	59	60
Sound power level in cooling	(4)(5)	dB(A)	89	89	90	91	91	91	92
SIZE AND WEIGHT									
A	(6)	mm	2825	2825	2825	3980	3980	3980	3980
B	(6)	mm	1195	1195	1195	1195	1195	1195	1195
H	(6)	mm	1980	1980	1980	1980	1980	1980	1980
Operating weight	(6)	kg	770	850	920	1130	1170	1180	1220

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
- 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 taken in compliance with ISO 9614.

- Sound power level in cooling, outdoors.
- Unit in standard configuration, without optional accessories.
- Parameter calculated according to [REGULATION (EU) N. 2016/2281]
- Seasonal energy efficiency ratio
- Seasonal space cooling energy efficiency

The units highlighted in this publication contain R410A [GWP₁₀₀ 2088] fluorinated greenhouse gases.

Certified data in EUROVENT



NX²G06

0042 - 0222

Air cooled chillers
with low GWP
R454B refrigerant
(from 40 to 212 kW)



NX2-G06 + UP kit



Air cooled chiller with Ultra Performance Kit



Model			0042	0052	0062	0072	0082	0092	0102
Power supply	V/ph/Hz		400/3+N/50	400/3+N/50	400/3+N/50	400/3+N/50	400/3+N/50	400/3+N/50	400/3/50
PERFORMANCE									
COOLING ONLY (GROSS VALUE)									
Cooling capacity	(1)	kW	41,19	49,35	54,80	61,64	69,02	80,86	94,36
Total power input	(1)	kW	12,75	14,92	15,72	16,66	19,18	23,44	28,06
EER	(1)	kW/kW	3,244	3,309	3,490	3,689	3,594	3,457	3,359
ESEER	(1)	kW/kW	-	-	-	-	-	-	-
COOLING ONLY (EN14511 VALUE)									
Cooling capacity	(1)(2)	kW	41,10	49,20	54,60	61,40	68,80	80,60	94,10
EER	(1)(2)	kW/kW	3,160	3,250	3,420	3,620	3,520	3,380	3,310
ESEER	(1)(2)	KW/KW	-	-	-	-	-	-	-
Cooling energy class			-	-	-	-	-	-	-
ENERGY EFFICIENCY									
SEASONAL EFFICIENCY IN COOLING (Reg. EU 2016/2281)									
Ambient refrigeration									
Prated,c	(7)	kW	41,1	49,2	54,6	61,4	68,8	80,6	94,1
SEER	(7)(8)		4,70	4,83	4,65	4,72	4,65	4,69	4,54
Performance ηs	(7)(9)	%	185	190	183	186	183	185	179
EXCHANGERS									
HEAT EXCHANGER USER SIDE IN REFRIGERATION									
Water flow	(1)	L/S	1,970	2,360	2,621	2,948	3,301	3,867	4,512
Pressure drop at the heat exchanger	(1)	kPa	46,3	34,4	42,4	46,4	47,3	46,5	37,5
REFRIGERANT CIRCUIT									
Compressors nr.		N°	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1
Refrigerant charge		kg	7,60	7,60	8,00	9,90	10,0	11,1	13,1
NOISE LEVEL									
Sound Pressure	(3)	DB(A)	53	53	53	54	55	55	57
Sound power level in cooling	(4)(5)	dB(A)	85	85	85	86	87	87	89
SIZE AND WEIGHT									
A	(6)	mm	1825	1825	1825	2395	2395	2395	2825
B	(6)	mm	1195	1195	1195	1195	1195	1195	1195
H	(6)	mm	1865	1865	1865	1865	1865	1865	1980
Operating weight	(6)	kg	500	510	550	630	630	640	770

Model			0112	0122	0142	0162	0182	0202	0222
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
PERFORMANCE									
COOLING ONLY (GROSS VALUE)									
Cooling capacity	(1)	kW	104,7	118,1	131,8	154,0	176,4	189,8	211,8
Total power input	(1)	kW	32,41	37,17	42,39	46,81	53,86	59,15	67,23
EER	(1)	kW/kW	3,231	3,175	3,108	3,291	3,273	3,206	3,152
ESEER	(1)	kW/kW	-	-	-	-	-	-	-
COOLING ONLY (EN14511 VALUE)									
Cooling capacity	(1)(2)	kW	104,4	117,8	131,4	153,6	176,1	189,5	211,4
EER	(1)(2)	kW/kW	3,170	3,120	3,050	3,230	3,220	3,160	3,100
ESEER	(1)(2)	KW/KW	-	-	-	-	-	-	-
Cooling energy class			-	-	-	-	-	-	-
ENERGY EFFICIENCY									
SEASONAL EFFICIENCY IN COOLING (Reg. EU 2016/2281)									
Ambient refrigeration									
Prated,c	(7)	kW	104	118	131	154	176	190	211
SEER	(7)(8)		4,31	4,37	4,44	4,51	4,54	4,53	4,52
Performance ηs	(7)(9)	%	169	172	175	177	179	178	178
EXCHANGERS									
HEAT EXCHANGER USER SIDE IN REFRIGERATION									
Water flow	(1)	L/S	5,009	5,650	6,301	7,363	8,438	9,077	10,13
Pressure drop at the heat exchanger	(1)	kPa	46,2	46,7	44,0	49,2	45,2	39,7	49,4
REFRIGERANT CIRCUIT									
Compressors nr.		N°	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1
Refrigerant charge		kg	14,3	15,5	15,8	21,9	22,7	22,8	22,9
NOISE LEVEL									
Sound Pressure	(3)	DB(A)	57	57	58	59	59	59	60
Sound power level in cooling	(4)(5)	dB(A)	89	89	90	91	91	91	92
SIZE AND WEIGHT									
A	(6)	mm	2825	2825	2825	3980	3980	3980	3980
B	(6)	mm	1195	1195	1195	1195	1195	1195	1195
H	(6)	mm	1980	1980	1980	1980	1980	1980	1980
Operating weight	(6)	kg	770	850	920	1130	1170	1180	1220

Notes:

- 1 ▶ Plant (side) cooling exchanger water (in/out) 12°C/7°C; Source (side) heat exchanger air (in) 35°C.
- 2 ▶ Values in compliance with EN14511
- 3 ▶ 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.
- 4 ▶ Sound power on the basis of measurements taken in compliance with ISO 9614.

- 5 ▶ Sound power level in cooling, outdoors.
- 6 ▶ Unit in standard configuration, without optional accessories.
- 7 ▶ Parameter calculated according to [REGULATION (EU) N. 2016/2281]
- 8 ▶ Seasonal energy efficiency ratio
- 9 ▶ Seasonal space cooling energy efficiency

The units highlighted in this publication contain R454B [GWP₁₀₀ 466] fluorinated greenhouse gases.

Certified data in EUROVENT



NX2 G02

0042 - 0222

Air cooled chillers
with R410A refrigerant
(from 43 to 226 kW)



NX2-G02 + NR kit

Air cooled chiller with
Noise Reducer Kit



Model			0042	0052	0062	0072	0082	0092	0102	
Power supply	V/ph/Hz		400/3+N/50	400/3+N/50	400/3+N/50	400/3+N/50	400/3+N/50	400/3+N/50	400/3/50	
PERFORMANCE										
COOLING ONLY (GROSS VALUE)										
Cooling capacity	(1)	kW	42,49	50,22	56,77	64,39	71,55	84,60	98,44	
Total power input	(1)	kW	14,15	17,24	19,29	19,90	22,85	28,09	30,75	
EER	(1)	kW/kW	3.014	2.919	2.943	3.236	3.136	3.011	3.195	
ESEER	(1)	kW/kW	-	-	-	-	-	-	-	
COOLING ONLY (EN14511 VALUE)										
Cooling capacity	(1)(2)	kW	42,30	50,10	56,60	64,20	71,30	84,30	98,20	
EER	(1)(2)	kW/kW	2,940	2,870	2,890	3,170	3,070	2,950	3,150	
ESEER	(1)(2)	KW/KW	-	-	-	-	-	-	-	
Cooling energy class			-	-	-	-	-	-	-	
ENERGY EFFICIENCY										
SEASONAL EFFICIENCY IN COOLING (Reg. EU 2016/2281)										
Ambient refrigeration										
Prated,c	(7)	kW	42,3	50,1	56,6	64,2	71,3	84,3	98,2	
SEER	(7)(8)		4,57	4,56	4,36	4,45	4,43	4,43	4,46	
Performance ηs	(7)(9)	%	180	180	171	175	174	174	175	
EXCHANGERS										
HEAT EXCHANGER USER SIDE IN REFRIGERATION										
Water flow	(1)	L/S	2.032	2.401	2.715	3.079	3.422	4.046	4.708	
Pressure drop at the heat exchanger	(1)	kPa	49,2	35,6	45,5	50,6	50,8	50,9	40,8	
REFRIGERANT CIRCUIT										
Compressors nr.		N°	2	2	2	2	2	2	2	
No. Circuits		N°	1	1	1	1	1	1	1	
Refrigerant charge		kg	8,10	8,10	8,50	10,5	10,6	11,8	13,9	
NOISE LEVEL										
Sound Pressure	(3)	DB(A)	45	46	45	47	48	48	48	
Sound power level in cooling	(4)(5)	dB(A)	77	78	77	79	80	80	80	
SIZE AND WEIGHT										
A	(6)	mm	1825	1825	1825	2395	2395	2395	2825	
B	(6)	mm	1195	1195	1195	1195	1195	1195	1195	
H	(6)	mm	1865	1865	1865	1865	1865	1865	1980	
Operating weight	(6)	kg	500	510	550	630	630	640	770	

Model			0112	0122	0142	0162	0182	0202	0222	
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	
PERFORMANCE										
COOLING ONLY (GROSS VALUE)										
Cooling capacity	(1)	kW	108,8	122,2	135,6	159,3	181,9	194,2	217,8	
Total power input	(1)	kW	35,85	43,08	51,20	53,80	63,47	70,11	82,89	
EER	(1)	kW/kW	3.039	2.835	2.648	2.961	2.865	2.770	2.627	
ESEER	(1)	kW/kW	-	-	-	-	-	-	-	
COOLING ONLY (EN14511 VALUE)										
Cooling capacity	(1)(2)	kW	108,4	121,8	135,3	159,0	181,6	193,9	217,4	
EER	(1)(2)	kW/kW	2,980	2,780	2,610	2,910	2,820	2,730	2,590	
ESEER	(1)(2)	KW/KW	-	-	-	-	-	-	-	
Cooling energy class			-	-	-	-	-	-	-	
ENERGY EFFICIENCY										
SEASONAL EFFICIENCY IN COOLING (Reg. EU 2016/2281)										
Ambient refrigeration										
Prated,c	(7)	kW	108	122	135	159	182	194	217	
SEER	(7)(8)		4,22	4,23	4,25	4,45	4,36	4,39	4,25	
Performance ηs	(7)(9)	%	166	166	167	175	172	173	167	
EXCHANGERS										
HEAT EXCHANGER USER SIDE IN REFRIGERATION										
Water flow	(1)	L/S	5.201	5.843	6.484	7.620	8.699	9.288	10.42	
Pressure drop at the heat exchanger	(1)	kPa	49,8	50,0	46,6	52,7	48,1	41,6	52,3	
REFRIGERANT CIRCUIT										
Compressors nr.		N°	2	2	2	2	2	2	2	
No. Circuits		N°	1	1	1	1	1	1	1	
Refrigerant charge		kg	15,2	16,5	16,8	23,3	23,2	24,3	24,4	
NOISE LEVEL										
Sound Pressure	(3)	DB(A)	48	48	50	50	51	51	52	
Sound power level in cooling	(4)(5)	dB(A)	80	80	82	82	83	83	84	
SIZE AND WEIGHT										
A	(6)	mm	2825	2825	2825	3980	3980	3980	3980	
B	(6)	mm	1195	1195	1195	1195	1195	1195	1195	
H	(6)	mm	1980	1980	1980	1980	1980	1980	1980	
Operating weight	(6)	kg	770	850	920	1130	1170	1180	1220	

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
- 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 taken in compliance with ISO 9614.

- Sound power level in cooling, outdoors.
- Unit in standard configuration, without optional accessories.
- Parameter calculated according to [REGULATION (EU) N. 2016/2281]
- Seasonal energy efficiency ratio
- Seasonal space cooling energy efficiency

The units highlighted in this publication contain R410A [GWP₁₀₀ 2088] fluorinated greenhouse gases.

Certified data in EUROVENT



NX²G06

0042 - 0222

Air cooled chillers with low GWP R454B refrigerant (from 40 to 212 kW)



NX2-G06 + NR kit



Air cooled chiller with Noise Reducer Kit



Model			0042	0052	0062	0072	0082	0092	0102
Power supply	V/ph/Hz		400/3+N/50	400/3+N/50	400/3+N/50	400/3+N/50	400/3+N/50	400/3+N/50	400/3/50
PERFORMANCE									
COOLING ONLY (GROSS VALUE)									
Cooling capacity	(1)	kW	40,06	47,85	53,66	60,58	67,63	78,81	92,45
Total power input	(1)	kW	13,55	16,11	17,09	17,38	20,28	25,38	28,33
EER	(1)	kW/kW	2,949	2,969	3,140	3,483	3,330	3,102	3,265
ESEER	(1)	kW/kW	-	-	-	-	-	-	-
COOLING ONLY (EN14511 VALUE)									
Cooling capacity	(1)(2)	kW	39,90	47,70	53,50	60,40	67,40	78,60	92,20
EER	(1)(2)	kW/kW	2,900	2,930	3,090	3,410	3,270	3,050	3,210
ESEER	(1)(2)	kW/kW	-	-	-	-	-	-	-
Cooling energy class			-	-	-	-	-	-	-
ENERGY EFFICIENCY									
SEASONAL EFFICIENCY IN COOLING (Reg. EU 2016/2281)									
Ambient refrigeration									
Prated,c	(7)	kW	39,9	47,7	53,5	60,4	67,4	78,6	92,2
SEER	(7)(8)		4,60	4,71	4,54	4,66	4,57	4,59	4,54
Performance ηs	(7)(9)	%	181	185	179	184	180	180	179
EXCHANGERS									
HEAT EXCHANGER USER SIDE IN REFRIGERATION									
Water flow	(1)	L/S	1,916	2,288	2,566	2,897	3,234	3,769	4,421
Pressure drop at the heat exchanger	(1)	kPa	43,8	32,3	40,6	44,8	45,4	44,2	36,0
REFRIGERANT CIRCUIT									
Compressors nr.		N°	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1
Refrigerant charge		kg	7,60	7,60	8,00	9,90	10,0	11,1	13,1
NOISE LEVEL									
Sound Pressure	(3)	DB(A)	45	46	45	47	48	48	48
Sound power level in cooling	(4)(5)	dB(A)	77	78	77	79	80	80	80
SIZE AND WEIGHT									
A	(6)	mm	1825	1825	1825	2395	2395	2395	2825
B	(6)	mm	1195	1195	1195	1195	1195	1195	1195
H	(6)	mm	1865	1865	1865	1865	1865	1865	1980
Operating weight	(6)	kg	500	510	550	630	630	640	770

Model			0112	0122	0142	0162	0182	0202	0222
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
PERFORMANCE									
COOLING ONLY (GROSS VALUE)									
Cooling capacity	(1)	kW	102,8	115,2	127,7	150,4	171,9	184,2	206,4
Total power input	(1)	kW	33,31	39,14	45,66	48,39	56,79	63,35	73,22
EER	(1)	kW/kW	3,087	2,946	2,794	3,107	3,026	2,905	2,820
ESEER	(1)	kW/kW	-	-	-	-	-	-	-
COOLING ONLY (EN14511 VALUE)									
Cooling capacity	(1)(2)	kW	102,5	114,9	127,4	150,1	171,6	183,9	206,1
EER	(1)(2)	kW/kW	3,030	2,890	2,760	3,050	2,980	2,870	2,780
ESEER	(1)(2)	kW/kW	-	-	-	-	-	-	-
Cooling energy class			-	-	-	-	-	-	-
ENERGY EFFICIENCY									
SEASONAL EFFICIENCY IN COOLING (Reg. EU 2016/2281)									
Ambient refrigeration									
Prated,c	(7)	kW	102	115	127	150	172	184	206
SEER	(7)(8)		4,27	4,29	4,34	4,48	4,47	4,45	4,40
Performance ηs	(7)(9)	%	168	169	171	176	176	175	173
EXCHANGERS									
HEAT EXCHANGER USER SIDE IN REFRIGERATION									
Water flow	(1)	L/S	4,918	5,508	6,109	7,191	8,223	8,809	9,871
Pressure drop at the heat exchanger	(1)	kPa	44,5	44,4	41,4	46,9	42,9	37,4	47,0
REFRIGERANT CIRCUIT									
Compressors nr.		N°	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1
Refrigerant charge		kg	14,3	15,5	15,8	21,9	22,7	22,8	22,9
NOISE LEVEL									
Sound Pressure	(3)	DB(A)	48	48	50	50	51	51	52
Sound power level in cooling	(4)(5)	dB(A)	80	80	82	82	83	83	84
SIZE AND WEIGHT									
A	(6)	mm	2825	2825	2825	3980	3980	3980	3980
B	(6)	mm	1195	1195	1195	1195	1195	1195	1195
H	(6)	mm	1980	1980	1980	1980	1980	1980	1980
Operating weight	(6)	kg	770	850	920	1130	1170	1180	1220

Notes:

- 1 ▶ Plant (side) cooling exchanger water (in/out) 12°C/7°C; Source (side) heat exchanger air (in) 35°C.
- 2 ▶ Values in compliance with EN14511
- 3 ▶ 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.
- 4 ▶ Sound power on the basis of measurements taken in compliance with ISO 9614.

- 5 ▶ Sound power level in cooling, outdoors.
- 6 ▶ Unit in standard configuration, without optional accessories.
- 7 ▶ Parameter calculated according to [REGULATION (EU) N. 2016/2281]
- 8 ▶ Seasonal energy efficiency ratio
- 9 ▶ Seasonal space cooling energy efficiency

The units highlighted in this publication contain R454B [GWP₁₀₀ 466] fluorinated greenhouse gases.

Certified data in EUROVENT

“BY FAR THE BEST PROOF IS EXPERIENCE”

Sir Francis Bacon
British Philosopher (1561 - 1626)

2015 Bordeaux - France

Mercure Bordeaux

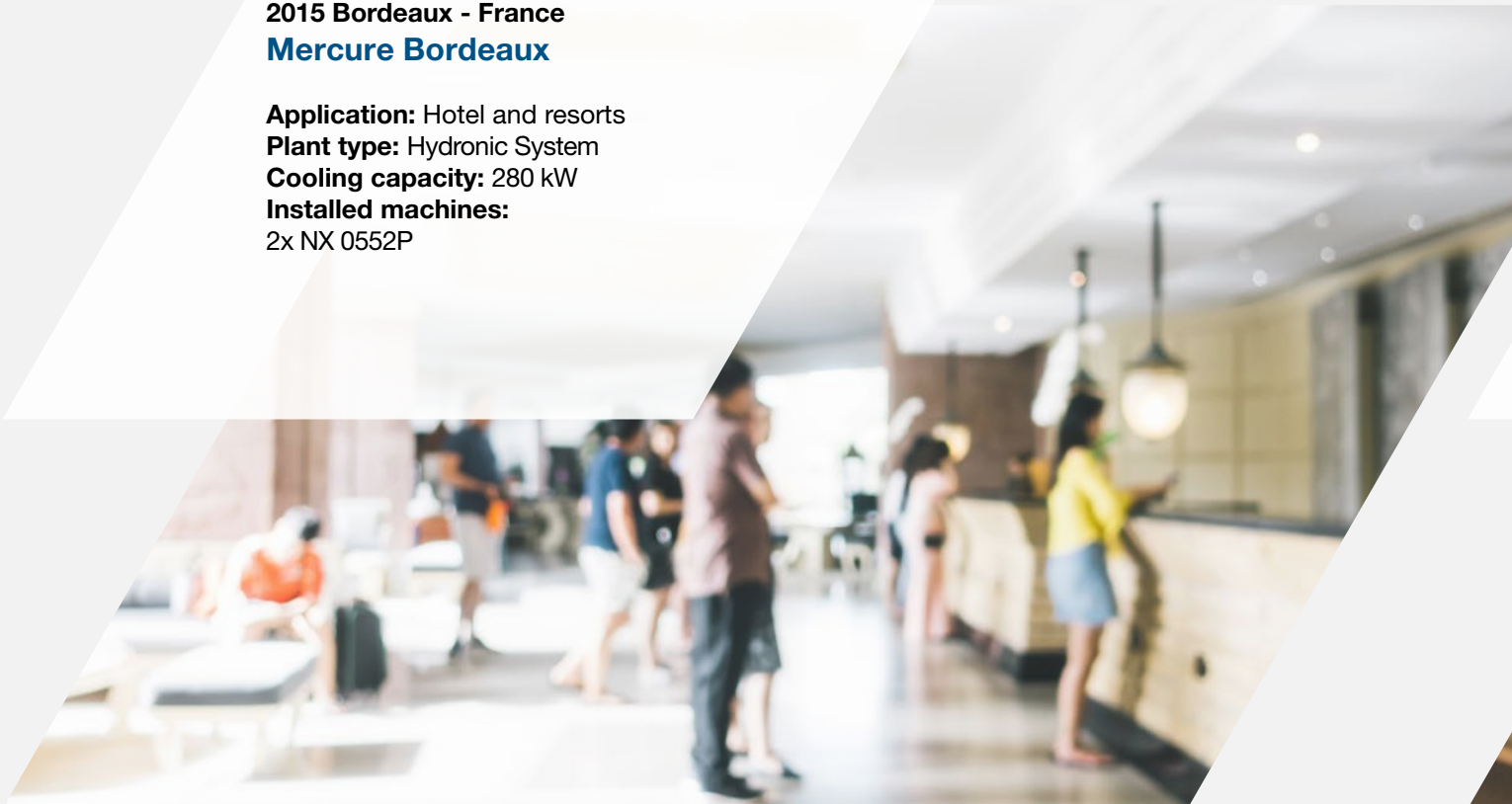
Application: Hotel and resorts

Plant type: Hydronic System

Cooling capacity: 280 kW

Installed machines:

2x NX 0552P



2014 Porto - Portugal

Hotel da Bolsa

Application: Hotel and resorts

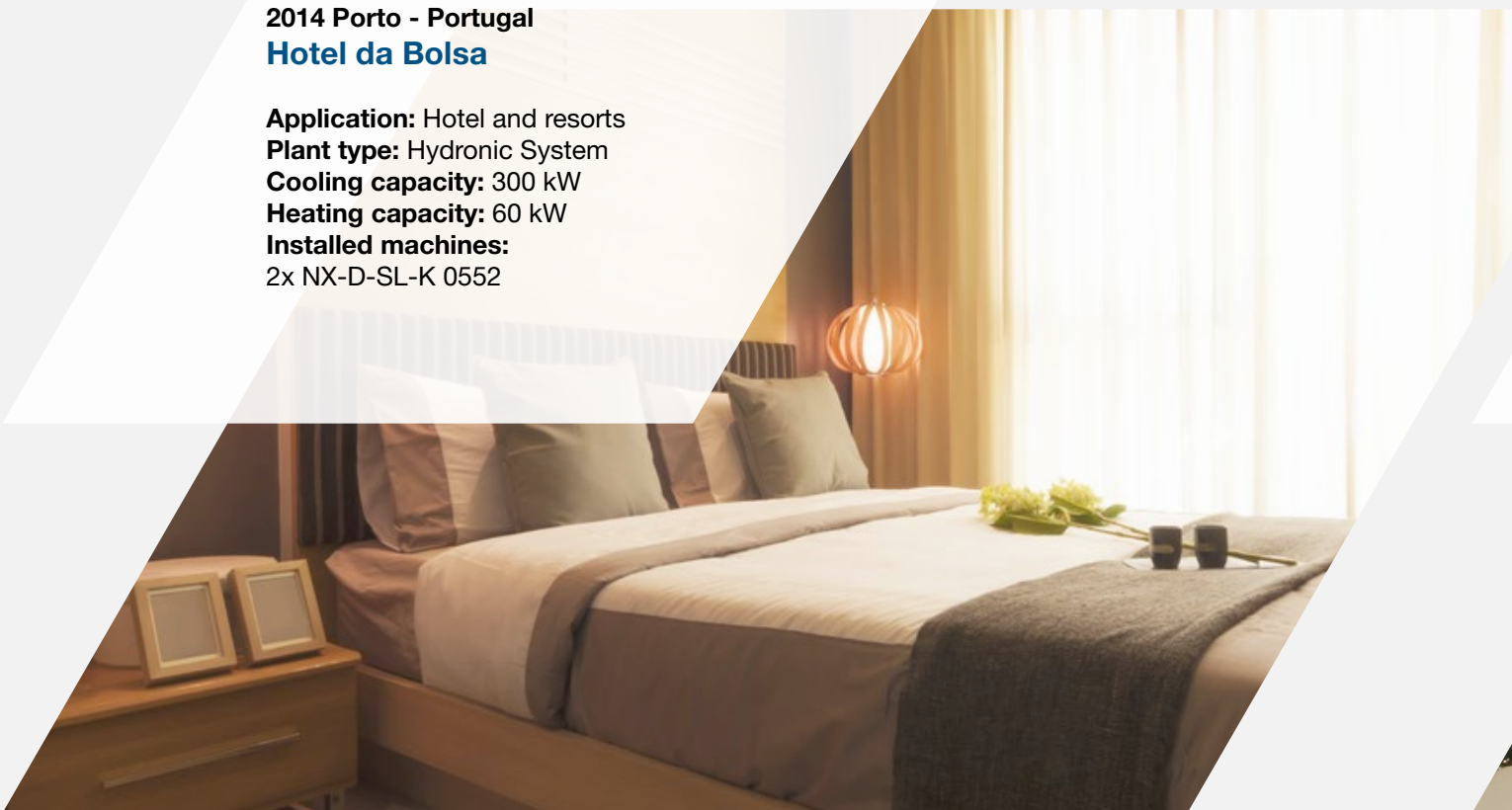
Plant type: Hydronic System

Cooling capacity: 300 kW

Heating capacity: 60 kW

Installed machines:

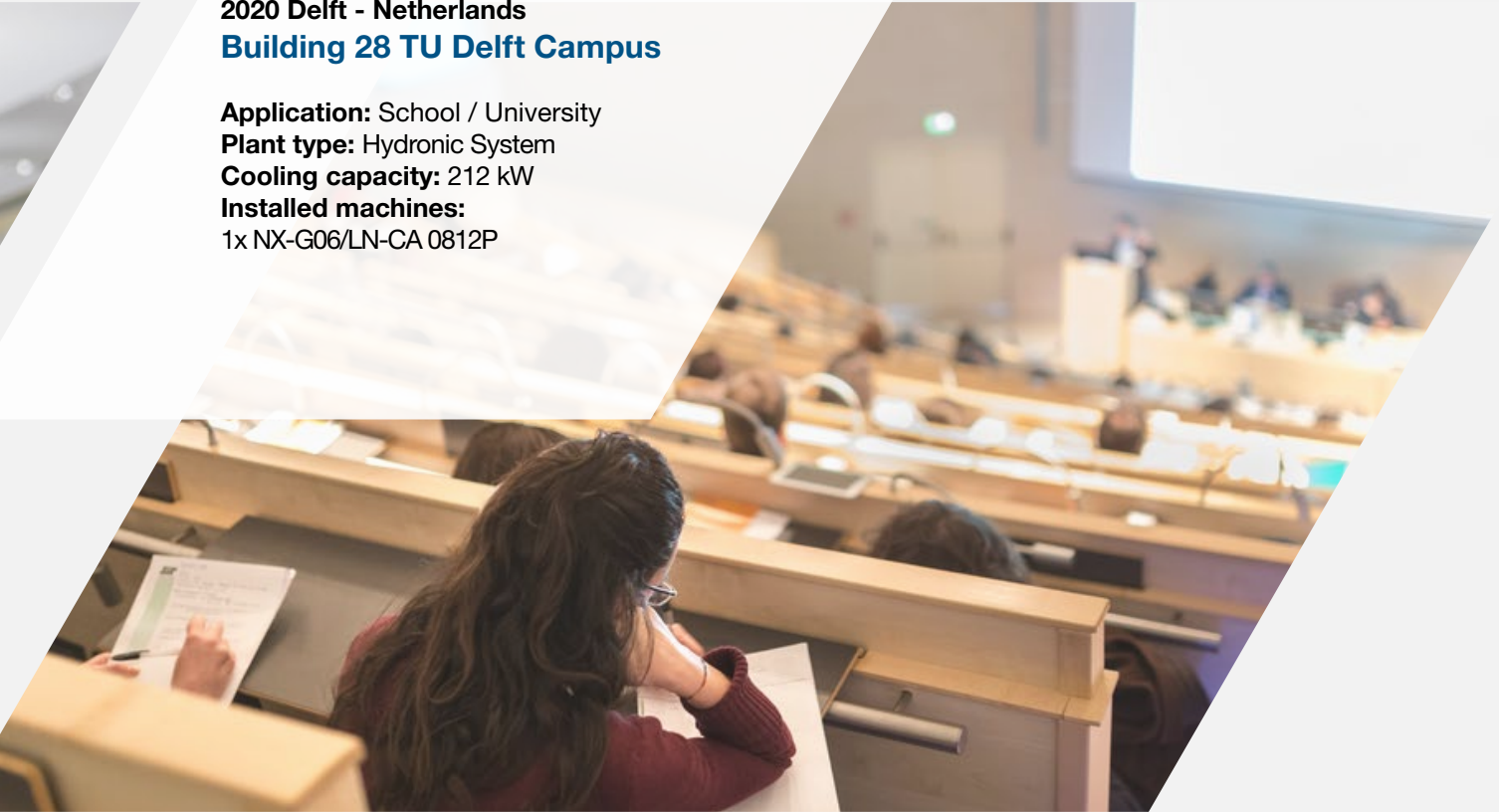
2x NX-D-SL-K 0552



Every project is characterised by different needs and system specifications for various climates. All these projects share high energy efficiency, maximum integration, and total reliability resulting from the Climaveneta brand experience.

2020 Delft - Netherlands
Building 28 TU Delft Campus

Application: School / University
Plant type: Hydronic System
Cooling capacity: 212 kW
Installed machines:
1x NX-G06/LN-CA 0812P



2015 Dusseldorf - Germany
Galeria Pólnocna

Application: Shopping Centre
Plant type: Hydronic System
Cooling capacity: 1247 kW
Installed machines:
1x NX/K 0352P, 1x NX/K 0452P,
1x NECS/SL 1816, 2x NECS/SL 2015





for a greener tomorrow

Eco Changes is the Mitsubishi Electric 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 sustainable society.



mitsubishi electric hydronics & it cooling systems S.p.A.

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