

5.1 GENERAL TECHNICAL DATA

NX-N-G06/K

[SI System]

NX-N-G06/K			0202P	0252P	0262P	0302P	0352P	0402P	0452P	0502P	0552P	0602P
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	400/3/50	400/3/50	400/3/50	400/3/50
PERFORMANCE												
COOLING ONLY (GROSS VALUE)												
Cooling capacity	(1)	kW	48,97	56,01	62,04	71,14	81,03	96,16	108,0	120,0	132,7	155,4
Total power input	(1)	kW	17,11	19,14	21,65	26,20	29,87	33,28	37,90	42,07	48,61	54,32
EER	(1)	kW/kW	2,865	2,932	2,857	2,714	2,709	2,889	2,850	2,850	2,730	2,862
ESEER	(1)	kW/kW										
COOLING ONLY (EN14511 VALUE)												
Cooling capacity	(1)(2)	kW	48,90	55,90	61,90	71,00	80,80	95,90	107,7	119,7	132,4	155,1
EER	(1)(2)	kW/kW	2,820	2,890	2,830	2,690	2,670	2,840	2,800	2,810	2,690	2,820
ESEER	(1)(2)	kW/kW	-	-	-	-	-	-	-	-	-	-
Cooling energy class			-	-	-	-	-	-	-	-	-	-
HEATING ONLY (GROSS VALUE)												
Total heating capacity	(3)	kW	53,13	62,42	67,86	76,87	90,53	103,9	114,7	128,6	144,1	167,6
Total power input	(3)	kW	16,78	19,83	21,20	24,15	27,48	33,16	36,59	40,00	45,21	53,18
COP	(3)	kW/kW	3,161	3,152	3,203	3,178	3,291	3,130	3,134	3,215	3,188	3,150
HEATING ONLY (EN14511 VALUE)												
Total heating capacity	(3)(2)	kW	53,30	62,60	68,00	77,00	90,90	104,3	115,1	128,9	144,4	167,9
COP	(3)(2)	kW/kW	3,120	3,120	3,170	3,150	3,230	3,080	3,090	3,170	3,140	3,110
Cooling energy class			-	-	-	-	-	-	-	-	-	-
COOLING WITH PARTIAL RECOVERY												
Cooling capacity	(4)	kW	50,81	58,11	64,37	73,81	84,07	99,77	112,1	124,5	137,7	161,2
Total power input	(4)	kW	16,55	18,54	20,96	25,35	28,89	32,25	36,72	40,74	47,04	52,62
Desuperheater heating capacity	(4)	kW	14,20	15,48	17,72	21,78	25,06	26,14	30,26	33,99	40,11	43,13
EXCHANGERS												
HEAT EXCHANGER USER SIDE IN REFRIGERATION												
Water flow	(1)	l/s	2,342	2,678	2,967	3,402	3,875	4,599	5,166	5,738	6,347	7,430
Pressure drop	(1)	kPa	32,3	30,2	30,2	28,5	45,3	44,4	45,7	43,5	44,1	43,4
HEAT EXCHANGER USER SIDE IN HEATING												
Water flow	(3)	l/s	2,564	3,013	3,276	3,711	4,370	5,017	5,537	6,207	6,954	8,089
Pressure drop	(3)	kPa	38,7	38,2	36,8	33,9	57,7	52,9	52,4	50,9	53,0	51,4
PARTIAL RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(4)	l/s	0,685	0,747	0,855	1,051	1,209	1,262	1,461	1,641	1,936	2,082
Pressure drop	(4)	kPa	10,8	12,8	16,8	12,5	16,5	18,0	17,0	21,4	20,0	23,1
REFRIGERANT CIRCUIT												
Compressors nr.		N°	2	2	2	2	2	2	2	2	2	2
Number of capacity steps		N°	2	2	2	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1	1	1	1
Regulation			STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS
Min. capacity step		%	50	50	50	50	50	50	50	50	50	50
Refrigerant			R454B	R454B	R454B	R454B	R454B	R454B	R454B	R454B	R454B	R454B
Refrigerant charge		kg	14,0	15,4	15,5	16,3	23,4	27,5	31,6	42,1	42,5	44,0
Oil charge		kg	5,40	5,40	5,40	5,40	5,40	5,40	8,00	10,6	10,6	10,6
Rc (ASHRAE)	(5)	kg/kW	0,29	0,28	0,25	0,23	0,29	0,29	0,30	0,35	0,32	0,29
FANS												
Quantity		N°	4	6	6	6	6	2	2	2	2	3
Air flow		m³/s	5,09	7,85	7,85	7,85	7,66	11,51	11,51	11,89	12,69	17,26
Fans power input		kW	0,30	0,30	0,30	0,30	0,30	2,00	2,00	2,00	1,84	2,00
NOISE LEVEL												
Sound Pressure	(6)	dB(A)	67	67	67	67	68	70	70	70	72	71
Sound power level in cooling	(7)(8)	dB(A)	84	85	85	85	86	88	88	88	90	90
Sound power level in heating	(7)(9)	dB(A)	84	85	85	85	86	88	88	88	90	90
SIZE AND WEIGHT												
A	(10)	mm	1825	2395	2395	2395	2395	2825	2825	3360	3360	3980
B	(10)	mm	1195	1195	1195	1195	1195	1195	1195	1195	1195	1195
H	(10)	mm	1865	1865	1865	1865	1865	1980	1980	1980	1980	1980
Operating weight	(10)	kg	600	670	680	690	740	840	940	1110	1160	1260

Notes:

1 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C.

2 Values in compliance with EN14511

3 Plant (side) heat exchanger water (in/out) 40,00°C/45,00°C; Source (side) heat exchanger air (in) 7,0°C - 87% R.H.

4 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C; Plant (side) heat exchanger recovery water (in/out) 40,00°C/45,00°C.

5 Rated in accordance with AHRI Standard 550/590 (2011 with addendum 1).

6 Average sound pressure level at 1m distance, unit in a free field on a reflective surface; 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.

- Not available

Certified data in EUROVENT

GENERAL TECHNICAL DATA

NX-N-G06/K

[SI System]

NX-N-G06/K		0702P 0802P	
Power supply		V/ph/Hz	400/3/50 400/3/50
PERFORMANCE			
COOLING ONLY (GROSS VALUE)			
Cooling capacity	(1)	kW	172,5 190,8
Total power input	(1)	kW	63,01 72,29
EER	(1)	kW/kW	2,738 2,639
ESEER	(1)	kW/kW	
COOLING ONLY (EN14511 VALUE)			
Cooling capacity	(1)(2)	kW	172,2 190,5
EER	(1)(2)	kW/kW	2,700 2,600
ESEER	(1)(2)	kW/kW	- -
Cooling energy class			- -
HEATING ONLY (GROSS VALUE)			
Total heating capacity	(3)	kW	185,5 202,9
Total power input	(3)	kW	58,90 64,72
COP	(3)	kW/kW	3,149 3,136
HEATING ONLY (EN14511 VALUE)			
Total heating capacity	(3)(2)	kW	185,8 203,3
COP	(3)(2)	kW/kW	3,110 3,090
Cooling energy class			- -
COOLING WITH PARTIAL RECOVERY			
Cooling capacity	(4)	kW	179,0 198,0
Total power input	(4)	kW	61,02 69,97
Desuperheater heating capacity	(4)	kW	50,89 59,17
EXCHANGERS			
HEAT EXCHANGER USER SIDE IN REFRIGERATION			
Water flow	(1)	l/s	8,250 9,126
Pressure drop	(1)	kPa	41,3 50,5
HEAT EXCHANGER USER SIDE IN HEATING			
Water flow	(3)	l/s	8,955 9,796
Pressure drop	(3)	kPa	48,6 58,2
PARTIAL RECOVERY USER SIDE IN REFRIGERATION			
Water flow	(4)	l/s	2,457 2,856
Pressure drop	(4)	kPa	21,7 29,3
REFRIGERANT CIRCUIT			
Compressors nr.		N°	2 2
Number of capacity steps		N°	2 2
No. Circuits		N°	1 1
Regulation			STEPS STEPS
Min. capacity step		%	50 50
Refrigerant			R454B R454B
Refrigerant charge		kg	45,4 47,5
Oil charge		kg	10,6 10,6
Rc (ASHRAE)	(5)	kg/kW	0,27 0,25
FANS			
Quantity		N°	3 3
Air flow		m³/s	17,26 17,26
Fans power input		kW	2,00 2,00
NOISE LEVEL			
Sound Pressure	(6)	dB(A)	71 72
Sound power level in cooling	(7)(8)	dB(A)	90 91
Sound power level in heating	(7)(9)	dB(A)	90 91
SIZE AND WEIGHT			
A	(10)	mm	3980 3980
B	(10)	mm	1195 1195
H	(10)	mm	1980 1980
Operating weight	(10)	kg	1280 1320

Notes:

- 1 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C.
 - 2 Values in compliance with EN14511
 - 3 Plant (side) heat exchanger water (in/out) 40,00°C/45,00°C; Source (side) heat exchanger air (in) 7,0°C - 87% R.H.
 - 4 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C; Plant (side) heat exchanger recovery water (in/out) 40,00°C/45,00°C.
 - 5 Rated in accordance with AHRI Standard 550/590 (2011 with addendum 1).
 - 6 Average sound pressure level at 1m distance, unit in a free field on a reflective surface; 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.
- Not available
Certified data in EUROVENT

GENERAL TECHNICAL DATA

NX-N-G06/LN-K

[SI System]

NX-N-G06/LN-K			0202P	0252P	0262P	0302P	0352P	0402P	0452P	0502P	0552P	0602P
Power supply			V/ph/Hz 400/3+N/50 400/3+N/50 400/3+N/50 400/3+N/50 400/3+N/50 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50									
PERFORMANCE												
COOLING ONLY (GROSS VALUE)												
Cooling capacity	(1)	kW	44,91	51,31	57,96	67,09	74,79	90,71	99,46	109,4	126,4	148,1
Total power input	(1)	kW	18,44	20,84	23,93	27,74	32,41	34,13	39,44	44,36	50,24	56,21
EER	(1)	kW/kW	2,440	2,466	2,427	2,422	2,309	2,660	2,525	2,464	2,518	2,635
ESEER	(1)	kW/kW										
COOLING ONLY (EN14511 VALUE)												
Cooling capacity	(1)(2)	kW	44,80	51,20	57,90	67,00	74,60	90,50	99,20	109,1	126,0	147,8
EER	(1)(2)	kW/kW	2,410	2,440	2,400	2,400	2,280	2,620	2,490	2,440	2,480	2,600
ESEER	(1)(2)	kW/kW	-	-	-	-	-	-	-	-	-	-
Cooling energy class			-	-	-	-	-	-	-	-	-	-
HEATING ONLY (GROSS VALUE)												
Total heating capacity	(3)	kW	53,13	62,42	67,86	76,87	90,53	103,9	114,7	128,6	144,1	167,6
Total power input	(3)	kW	16,78	19,83	21,20	24,15	27,48	33,16	36,59	40,00	45,21	53,18
COP	(3)	kW/kW	3,161	3,152	3,203	3,178	3,291	3,130	3,134	3,215	3,188	3,150
HEATING ONLY (EN14511 VALUE)												
Total heating capacity	(3)(2)	kW	53,30	62,60	68,00	77,00	90,90	104,3	115,1	128,9	144,4	167,9
COP	(3)(2)	kW/kW	3,120	3,120	3,170	3,150	3,230	3,080	3,090	3,170	3,140	3,110
Cooling energy class			-	-	-	-	-	-	-	-	-	-
COOLING WITH PARTIAL RECOVERY												
Cooling capacity	(4)	kW	46,59	53,23	60,14	69,60	77,59	94,11	103,2	113,5	131,1	153,7
Total power input	(4)	kW	17,82	20,15	23,14	26,81	31,32	33,01	38,14	42,89	48,56	54,36
Desuperheater heating capacity	(4)	kW	15,75	17,53	20,29	23,69	27,86	28,50	33,24	37,64	42,79	47,23
EXCHANGERS												
HEAT EXCHANGER USER SIDE IN REFRIGERATION												
Water flow	(1)	l/s	2,147	2,453	2,772	3,208	3,576	4,338	4,756	5,230	6,043	7,084
Pressure drop	(1)	kPa	27,1	25,4	26,4	25,3	38,6	39,5	38,7	36,2	40,0	39,4
HEAT EXCHANGER USER SIDE IN HEATING												
Water flow	(3)	l/s	2,564	3,013	3,276	3,711	4,370	5,017	5,537	6,207	6,954	8,089
Pressure drop	(3)	kPa	38,7	38,2	36,8	33,9	57,7	52,9	52,4	50,9	53,0	51,4
PARTIAL RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(4)	l/s	0,760	0,846	0,980	1,143	1,345	1,376	1,605	1,817	2,066	2,280
Pressure drop	(4)	kPa	13,2	16,4	22,0	14,8	20,4	21,4	20,5	26,2	22,8	27,7
REFRIGERANT CIRCUIT												
Compressors nr.		N°	2	2	2	2	2	2	2	2	2	2
Number of capacity steps		N°	2	2	2	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1	1	1	1
Regulation			STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS
Min. capacity step		%	50	50	50	50	50	50	50	50	50	50
Refrigerant			R454B	R454B	R454B	R454B	R454B	R454B	R454B	R454B	R454B	R454B
Refrigerant charge		kg	14,0	15,4	15,5	16,3	23,4	27,5	31,6	42,1	42,5	44,0
Oil charge		kg	5,40	5,40	5,40	5,40	5,40	5,40	8,00	10,6	10,6	10,6
Rc (ASHRAE)	(5)	kg/kW	0,31	0,30	0,27	0,25	0,32	0,31	0,32	0,39	0,34	0,30
FANS												
Quantity		N°	4	6	6	6	6	2	2	2	2	3
Air flow		m³/s	3,82	5,13	5,13	5,96	5,73	8,41	8,41	8,82	10,42	12,62
Fans power input		kW	0,20	0,20	0,20	0,20	0,20	1,10	1,10	1,10	1,15	1,10
NOISE LEVEL												
Sound Pressure	(6)	dB(A)	60	60	61	62	64	65	65	65	66	65
Sound power level in cooling	(7)(8)	dB(A)	77	78	79	80	82	83	83	83	84	84
Sound power level in heating	(7)(9)	dB(A)	78	79	80	81	83	84	84	84	85	85
SIZE AND WEIGHT												
A	(10)	mm	1825	2395	2395	2395	2395	2825	2825	3360	3360	3980
B	(10)	mm	1195	1195	1195	1195	1195	1195	1195	1195	1195	1195
H	(10)	mm	1865	1865	1865	1865	1865	1980	1980	1980	1980	1980
Operating weight	(10)	kg	610	680	690	700	750	880	1020	1160	1200	1290

Notes:

1 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C.

2 Values in compliance with EN14511

3 Plant (side) heat exchanger water (in/out) 40,00°C/45,00°C; Source (side) heat exchanger air (in) 7,0°C - 87% R.H.

4 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C; Plant (side) heat exchanger recovery water (in/out) 40,00°C/45,00°C.

5 Rated in accordance with AHRI Standard 550/590 (2011 with addendum 1).

6 Average sound pressure level at 1m distance, unit in a free field on a reflective surface; 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.

- Not available

Certified data in EUROVENT

GENERAL TECHNICAL DATA

NX-N-G06/LN-K

[SI System]

NX-N-G06/LN-K		0702P 0802P	
Power supply		V/ph/Hz	400/3/50 400/3/50
PERFORMANCE			
COOLING ONLY (GROSS VALUE)			
Cooling capacity	(1)	kW	161,5 172,4
Total power input	(1)	kW	66,50 77,76
EER	(1)	kW/kW	2,429 2,216
ESEER	(1)	kW/kW	
COOLING ONLY (EN14511 VALUE)			
Cooling capacity	(1)(2)	kW	161,2 172,0
EER	(1)(2)	kW/kW	2,400 2,190
ESEER	(1)(2)	kW/kW	- -
Cooling energy class			- -
HEATING ONLY (GROSS VALUE)			
Total heating capacity	(3)	kW	185,5 202,9
Total power input	(3)	kW	58,90 64,72
COP	(3)	kW/kW	3,149 3,136
HEATING ONLY (EN14511 VALUE)			
Total heating capacity	(3)(2)	kW	185,8 203,3
COP	(3)(2)	kW/kW	3,110 3,090
Cooling energy class			- -
COOLING WITH PARTIAL RECOVERY			
Cooling capacity	(4)	kW	167,6 178,8
Total power input	(4)	kW	64,29 75,15
Desuperheater heating capacity	(4)	kW	56,42 66,47
EXCHANGERS			
HEAT EXCHANGER USER SIDE IN REFRIGERATION			
Water flow	(1)	l/s	7,725 8,242
Pressure drop	(1)	kPa	36,2 41,2
HEAT EXCHANGER USER SIDE IN HEATING			
Water flow	(3)	l/s	8,955 9,796
Pressure drop	(3)	kPa	48,6 58,2
PARTIAL RECOVERY USER SIDE IN REFRIGERATION			
Water flow	(4)	l/s	2,723 3,208
Pressure drop	(4)	kPa	26,6 37,0
REFRIGERANT CIRCUIT			
Compressors nr.		N°	2 2
Number of capacity steps		N°	2 2
No. Circuits		N°	1 1
Regulation			STEPS STEPS
Min. capacity step		%	50 50
Refrigerant			R454B R454B
Refrigerant charge		kg	45,4 47,5
Oil charge		kg	10,6 10,6
Rc (ASHRAE)	(5)	kg/kW	0,28 0,28
FANS			
Quantity		N°	3 3
Air flow		m³/s	12,62 12,62
Fans power input		kW	1,10 1,10
NOISE LEVEL			
Sound Pressure	(6)	dB(A)	65 67
Sound power level in cooling	(7)(8)	dB(A)	84 86
Sound power level in heating	(7)(9)	dB(A)	85 87
SIZE AND WEIGHT			
A	(10)	mm	3980 3980
B	(10)	mm	1195 1195
H	(10)	mm	1980 1980
Operating weight	(10)	kg	1330 1370

Notes:

1 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C.

2 Values in compliance with EN14511

3 Plant (side) heat exchanger water (in/out) 40,00°C/45,00°C; Source (side) heat exchanger air (in) 7,0°C - 87% R.H.

4 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C; Plant (side) heat exchanger recovery water (in/out) 40,00°C/45,00°C.

5 Rated in accordance with AHRI Standard 550/590 (2011 with addendum 1).

6 Average sound pressure level at 1m distance, unit in a free field on a reflective surface; 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.

- Not available

Certified data in EUROVENT

GENERAL TECHNICAL DATA

NX-N-G06/CA

[SI System]

NX-N-G06/CA			0202P	0252P	0262P	0302P	0352P	0402P	0452P	0502P	0562P	0612P
Power supply			V/ph/Hz									
400/3+N/50			400/3+N/50	400/3+N/50	400/3+N/50	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	49,19	57,23	64,17	77,67	88,29	98,07	111,6	125,7	146,4	162,9
Total power input	(1)	kW	16,76	18,54	20,90	25,29	28,80	32,07	36,45	40,71	48,05	52,84
EER	(1)	kW/kW	2,929	3,092	3,072	3,071	3,066	3,056	3,058	3,088	3,044	3,085
ESEER	(1)	kW/kW										
COOLING ONLY (EN14511 VALUE)												
Cooling capacity	(1)(2)	kW	49,10	57,10	64,00	77,50	88,00	97,80	111,2	125,3	146,1	162,6
EER	(1)(2)	kW/kW	2,890	3,040	3,030	3,030	3,000	3,000	3,000	3,030	2,990	3,030
ESEER	(1)(2)	kW/kW	-	-	-	-	-	-	-	-	-	-
Cooling energy class			-	-	-	-	-	-	-	-	-	-
HEATING ONLY (GROSS VALUE)												
Total heating capacity	(3)	kW	56,66	66,73	71,55	83,30	96,89	106,0	117,3	132,6	154,9	173,4
Total power input	(3)	kW	16,84	19,88	21,32	24,83	28,16	31,50	34,96	39,46	46,27	51,75
COP	(3)	kW/kW	3,375	3,352	3,362	3,359	3,436	3,365	3,351	3,357	3,346	3,354
HEATING ONLY (EN14511 VALUE)												
Total heating capacity	(3)(2)	kW	56,80	66,90	71,70	83,50	97,20	106,3	117,6	133,0	155,3	173,7
COP	(3)(2)	kW/kW	3,330	3,310	3,320	3,320	3,360	3,310	3,290	3,300	3,290	3,300
Cooling energy class			-	-	-	-	-	-	-	-	-	-
COOLING WITH PARTIAL RECOVERY												
Cooling capacity	(4)	kW	51,04	59,37	66,58	80,58	91,61	101,8	115,8	130,4	151,9	169,1
Total power input	(4)	kW	16,22	17,96	20,23	24,54	27,93	31,07	35,31	39,50	46,65	51,27
Desuperheater heating capacity	(4)	kW	13,89	14,94	17,05	19,00	22,14	25,34	29,25	30,98	35,75	40,02
EXCHANGERS												
HEAT EXCHANGER USER SIDE IN REFRIGERATION												
Water flow	(1)	l/s	2,352	2,737	3,069	3,714	4,222	4,690	5,336	6,009	7,003	7,792
Pressure drop	(1)	kPa	32,6	31,5	32,3	34,0	53,8	46,2	48,7	47,7	53,7	47,7
HEAT EXCHANGER USER SIDE IN HEATING												
Water flow	(3)	l/s	2,735	3,221	3,454	4,021	4,677	5,115	5,662	6,403	7,479	8,370
Pressure drop	(3)	kPa	44,0	43,7	41,0	39,8	66,0	54,9	54,8	54,2	61,3	55,0
PARTIAL RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(4)	l/s	0,671	0,721	0,823	0,917	1,069	1,223	1,412	1,496	1,726	1,932
Pressure drop	(4)	kPa	10,3	11,9	15,5	9,50	12,9	16,9	15,8	17,8	15,9	19,9
REFRIGERANT CIRCUIT												
Compressors nr.		N°	2	2	2	2	2	2	2	2	2	2
Number of capacity steps		N°	2	2	2	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1	1	1	1
Regulation			STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS
Min. capacity step		%	50	50	50	50	50	50	50	50	50	50
Refrigerant			R454B	R454B	R454B	R454B	R454B	R454B	R454B	R454B	R454B	R454B
Refrigerant charge		kg	13,5	14,9	15,2	18,0	24,8	28,2	30,2	34,7	41,7	48,7
Oil charge		kg	5,40	5,40	5,40	5,40	5,40	5,40	8,00	10,6	10,6	10,6
Rc (ASHRAE)	(5)	kg/kW	0,28	0,26	0,24	0,23	0,28	0,29	0,27	0,28	0,29	0,30
FANS												
Quantity		N°	4	6	6	2	2	2	2	3	4	4
Air flow		m³/s	5,40	7,66	7,66	11,51	11,89	12,69	12,69	17,26	22,92	22,30
Fans power input		kW	0,30	0,30	0,30	2,00	2,00	1,84	1,84	2,00	2,00	2,00
NOISE LEVEL												
Sound Pressure	(6)	dB(A)	66	67	67	70	70	71	71	71	71	71
Sound power level in cooling	(7)(8)	dB(A)	84	85	85	88	88	89	89	90	91	91
Sound power level in heating	(7)(9)	dB(A)	84	85	85	88	88	89	89	90	91	91
SIZE AND WEIGHT												
A	(10)	mm	2395	2395	2395	2825	3360	3360	3360	3980	4110	4110
B	(10)	mm	1195	1195	1195	1195	1195	1195	1195	1195	2220	2220
H	(10)	mm	1865	1865	1865	1980	1980	1980	1980	1980	2150	2150
Operating weight	(10)	kg	670	700	700	830	940	990	1090	1270	1740	1840

Notes:

- 1 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C.
 - 2 Values in compliance with EN14511
 - 3 Plant (side) heat exchanger water (in/out) 40,00°C/45,00°C; Source (side) heat exchanger air (in) 7,0°C - 87% R.H.
 - 4 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C; Plant (side) heat exchanger recovery water (in/out) 40,00°C/45,00°C.
 - 5 Rated in accordance with AHRI Standard 550/590 (2011 with addendum 1).
 - 6 Average sound pressure level at 1m distance, unit in a free field on a reflective surface; 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.
- Not available
Certified data in EUROVENT

GENERAL TECHNICAL DATA

NX-N-G06/CA

[SI System]

NX-N-G06/CA		0712P 0812P	
Power supply		V/ph/Hz	400/3/50 400/3/50
PERFORMANCE			
COOLING ONLY (GROSS VALUE)			
Cooling capacity	(1)	kW	189,8 210,7
Total power input	(1)	kW	62,38 67,71
EER	(1)	kW/kW	3,042 3,112
ESEER	(1)	kW/kW	
COOLING ONLY (EN14511 VALUE)			
Cooling capacity	(1)(2)	kW	189,4 210,3
EER	(1)(2)	kW/kW	2,990 3,060
ESEER	(1)(2)	kW/kW	- -
Cooling energy class			- -
HEATING ONLY (GROSS VALUE)			
Total heating capacity	(3)	kW	200,9 222,9
Total power input	(3)	kW	60,06 66,34
COP	(3)	kW/kW	3,343 3,362
HEATING ONLY (EN14511 VALUE)			
Total heating capacity	(3)(2)	kW	201,2 223,4
COP	(3)(2)	kW/kW	3,290 3,300
Cooling energy class			- -
COOLING WITH PARTIAL RECOVERY			
Cooling capacity	(4)	kW	196,9 218,6
Total power input	(4)	kW	60,61 65,76
Desuperheater heating capacity	(4)	kW	44,97 49,73
EXCHANGERS			
HEAT EXCHANGER USER SIDE IN REFRIGERATION			
Water flow	(1)	l/s	9,075 10,08
Pressure drop	(1)	kPa	50,0 61,6
HEAT EXCHANGER USER SIDE IN HEATING			
Water flow	(3)	l/s	9,696 10,76
Pressure drop	(3)	kPa	57,0 70,2
PARTIAL RECOVERY USER SIDE IN REFRIGERATION			
Water flow	(4)	l/s	2,171 2,400
Pressure drop	(4)	kPa	16,9 20,7
REFRIGERANT CIRCUIT			
Compressors nr.		N°	2 2
Number of capacity steps		N°	2 2
No. Circuits		N°	1 1
Regulation			STEPS STEPS
Min. capacity step		%	50 50
Refrigerant			R454B R454B
Refrigerant charge		kg	54,3 63,8
Oil charge		kg	10,6 10,6
Rc (ASHRAE)	(5)	kg/kW	0,29 0,31
FANS			
Quantity		N°	6 6
Air flow		m³/s	33,66 32,51
Fans power input		kW	2,00 2,00
NOISE LEVEL			
Sound Pressure	(6)	dB(A)	72 73
Sound power level in cooling	(7)(8)	dB(A)	92 93
Sound power level in heating	(7)(9)	dB(A)	92 93
SIZE AND WEIGHT			
A	(10)	mm	5110 5110
B	(10)	mm	2220 2220
H	(10)	mm	2150 2150
Operating weight	(10)	kg	2070 2200

Notes:

1 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C.

2 Values in compliance with EN14511

3 Plant (side) heat exchanger water (in/out) 40,00°C/45,00°C; Source (side) heat exchanger air (in) 7,0°C - 87% R.H.

4 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C; Plant (side) heat exchanger recovery water (in/out) 40,00°C/45,00°C.

5 Rated in accordance with AHRI Standard 550/590 (2011 with addendum 1).

6 Average sound pressure level at 1m distance, unit in a free field on a reflective surface; 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.

- Not available

Certified data in EUROVENT

GENERAL TECHNICAL DATA

NX-N-G06/LN-CA

[SI System]

NX-N-G06/LN-CA			0202P	0252P	0262P	0302P	0352P	0402P	0452P	0502P	0562P	0612P
Power supply			V/ph/Hz 400/3+N/50 400/3+N/50 400/3+N/50 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50									
PERFORMANCE												
COOLING ONLY (GROSS VALUE)												
Cooling capacity	(1)	kW	45,64	52,16	57,44	76,20	83,63	95,03	105,5	119,9	138,5	158,7
Total power input	(1)	kW	18,09	20,42	23,41	24,96	29,00	32,12	36,88	40,62	46,63	51,90
EER	(1)	kW/kW	2,519	2,559	2,453	3,048	2,883	2,960	2,859	2,953	2,972	3,058
ESEER	(1)	kW/kW										
COOLING ONLY (EN14511 VALUE)												
Cooling capacity	(1)(2)	kW	45,50	52,10	57,30	76,00	83,40	94,80	105,2	119,5	138,2	158,4
EER	(1)(2)	kW/kW	2,500	2,530	2,430	3,010	2,830	2,910	2,810	2,900	2,920	3,010
ESEER	(1)(2)	kW/kW	-	-	-	-	-	-	-	-	-	-
Cooling energy class			-	-	-	-	-	-	-	-	-	-
HEATING ONLY (GROSS VALUE)												
Total heating capacity	(3)	kW	56,66	66,73	71,55	83,30	96,89	106,0	117,3	132,6	154,9	173,4
Total power input	(3)	kW	16,84	19,88	21,32	24,83	28,16	31,50	34,96	39,46	46,27	51,75
COP	(3)	kW/kW	3,375	3,352	3,362	3,359	3,436	3,365	3,351	3,357	3,346	3,354
HEATING ONLY (EN14511 VALUE)												
Total heating capacity	(3)(2)	kW	56,80	66,90	71,70	83,50	97,20	106,3	117,6	133,0	155,3	173,7
COP	(3)(2)	kW/kW	3,330	3,310	3,320	3,320	3,360	3,310	3,290	3,300	3,290	3,300
Cooling energy class			-	-	-	-	-	-	-	-	-	-
COOLING WITH PARTIAL RECOVERY												
Cooling capacity	(4)	kW	47,35	54,12	59,60	79,06	86,77	98,59	109,5	124,4	143,7	164,7
Total power input	(4)	kW	17,48	19,75	22,64	24,16	28,06	31,07	35,67	39,32	45,16	50,23
Desuperheater heating capacity	(4)	kW	15,43	17,16	19,83	20,32	23,92	26,62	30,87	33,32	37,70	42,40
EXCHANGERS												
HEAT EXCHANGER USER SIDE IN REFRIGERATION												
Water flow	(1)	l/s	2,183	2,494	2,747	3,644	3,999	4,545	5,046	5,732	6,624	7,590
Pressure drop	(1)	kPa	28,0	26,2	25,9	32,7	48,3	43,4	43,6	43,4	48,0	45,2
HEAT EXCHANGER USER SIDE IN HEATING												
Water flow	(3)	l/s	2,735	3,221	3,454	4,021	4,677	5,115	5,662	6,403	7,479	8,370
Pressure drop	(3)	kPa	44,0	43,7	41,0	39,8	66,0	54,9	54,8	54,2	61,3	55,0
PARTIAL RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(4)	l/s	0,745	0,828	0,957	0,981	1,155	1,285	1,490	1,608	1,820	2,046
Pressure drop	(4)	kPa	12,7	15,7	21,0	10,9	15,1	18,6	17,6	20,5	17,7	22,4
REFRIGERANT CIRCUIT												
Compressors nr.		N°	2	2	2	2	2	2	2	2	2	2
Number of capacity steps		N°	2	2	2	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1	1	1	1
Regulation			STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS
Min. capacity step		%	50	50	50	50	50	50	50	50	50	50
Refrigerant			R454B	R454B	R454B	R454B	R454B	R454B	R454B	R454B	R454B	R454B
Refrigerant charge		kg	13,5	14,9	15,2	18,0	24,8	28,2	30,2	34,7	41,7	48,7
Oil charge		kg	5,40	5,40	5,40	5,40	5,40	5,40	8,00	10,6	10,6	10,6
Rc (ASHRAE)	(5)	kg/kW	0,30	0,29	0,27	0,24	0,30	0,30	0,29	0,29	0,30	0,31
FANS												
Quantity		N°	4	6	6	2	2	2	2	3	4	4
Air flow		m³/s	4,18	4,90	4,90	8,41	8,82	10,42	10,42	12,62	16,70	16,01
Fans power input		kW	0,20	0,20	0,20	1,10	1,10	1,15	1,15	1,10	1,10	1,10
NOISE LEVEL												
Sound Pressure	(6)	dB(A)	59	60	61	64	65	66	66	65	65	65
Sound power level in cooling	(7)(8)	dB(A)	77	78	79	82	83	84	84	84	85	85
Sound power level in heating	(7)(9)	dB(A)	78	79	80	83	84	85	85	85	86	86
SIZE AND WEIGHT												
A	(10)	mm	2395	2395	2395	2825	3360	3360	3360	3980	4110	4110
B	(10)	mm	1195	1195	1195	1195	1195	1195	1195	1195	2220	2220
H	(10)	mm	1865	1865	1865	1980	1980	1980	1980	1980	2150	2150
Operating weight	(10)	kg	680	740	750	870	950	1000	1100	1280	1750	1850

Notes:

1 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C.

2 Values in compliance with EN14511

3 Plant (side) heat exchanger water (in/out) 40,00°C/45,00°C; Source (side) heat exchanger air (in) 7,0°C - 87% R.H.

4 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C; Plant (side) heat exchanger recovery water (in/out) 40,00°C/45,00°C.

5 Rated in accordance with AHRI Standard 550/590 (2011 with addendum 1).

6 Average sound pressure level at 1m distance, unit in a free field on a reflective surface; 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.

- Not available

Certified data in EUROVENT

GENERAL TECHNICAL DATA

NX-N-G06/LN-CA

[SI System]

NX-N-G06/LN-CA		0712P 0812P	
Power supply		V/ph/Hz	400/3/50 400/3/50
PERFORMANCE			
COOLING ONLY (GROSS VALUE)			
Cooling capacity	(1)	kW	181,4 203,9
Total power input	(1)	kW	59,49 65,30
EER	(1)	kW/kW	3,049 3,123
ESEER	(1)	kW/kW	- -
COOLING ONLY (EN14511 VALUE)			
Cooling capacity	(1)(2)	kW	181,0 203,6
EER	(1)(2)	kW/kW	3,000 3,070
ESEER	(1)(2)	kW/kW	- -
Cooling energy class			- -
HEATING ONLY (GROSS VALUE)			
Total heating capacity	(3)	kW	200,9 222,9
Total power input	(3)	kW	60,06 66,34
COP	(3)	kW/kW	3,343 3,362
HEATING ONLY (EN14511 VALUE)			
Total heating capacity	(3)(2)	kW	201,2 223,4
COP	(3)(2)	kW/kW	3,290 3,300
Cooling energy class			- -
COOLING WITH PARTIAL RECOVERY			
Cooling capacity	(4)	kW	188,2 211,5
Total power input	(4)	kW	57,64 63,24
Desuperheater heating capacity	(4)	kW	47,21 52,40
EXCHANGERS			
HEAT EXCHANGER USER SIDE IN REFRIGERATION			
Water flow	(1)	l/s	8,673 9,751
Pressure drop	(1)	kPa	45,6 57,7
HEAT EXCHANGER USER SIDE IN HEATING			
Water flow	(3)	l/s	9,696 10,76
Pressure drop	(3)	kPa	57,0 70,2
PARTIAL RECOVERY USER SIDE IN REFRIGERATION			
Water flow	(4)	l/s	2,279 2,529
Pressure drop	(4)	kPa	18,6 23,0
REFRIGERANT CIRCUIT			
Compressors nr.		N°	2 2
Number of capacity steps		N°	2 2
No. Circuits		N°	1 1
Regulation			STEPS STEPS
Min. capacity step		%	50 50
Refrigerant			R454B R454B
Refrigerant charge		kg	54,3 63,8
Oil charge		kg	10,6 10,6
Rc (ASHRAE)	(5)	kg/kW	0,30 0,32
FANS			
Quantity		N°	6 6
Air flow		m³/s	24,18 22,96
Fans power input		kW	1,10 1,10
NOISE LEVEL			
Sound Pressure	(6)	dB(A)	66 67
Sound power level in cooling	(7)(8)	dB(A)	86 87
Sound power level in heating	(7)(9)	dB(A)	87 88
SIZE AND WEIGHT			
A	(10)	mm	5110 5110
B	(10)	mm	2220 2220
H	(10)	mm	2150 2150
Operating weight	(10)	kg	2080 2210

Notes:

1 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C.

2 Values in compliance with EN14511

3 Plant (side) heat exchanger water (in/out) 40,00°C/45,00°C; Source (side) heat exchanger air (in) 7,0°C - 87% R.H.

4 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C; Plant (side) heat exchanger recovery water (in/out) 40,00°C/45,00°C.

5 Rated in accordance with AHRI Standard 550/590 (2011 with addendum 1).

6 Average sound pressure level at 1m distance, unit in a free field on a reflective surface; 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.

- Not available

Certified data in EUROVENT

6.1 TECHNICAL DATA SEASONAL EFFICIENCY IN HEATING (EN14825 VALUE)

NX-N-G06/K

[SI System]

NX-N-G06/K - LOW TEMPERATURE application			0202P	0252P	0262P	0302P	0352P	0402P
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	400/3/50
WEATHER CONDITIONS - WARMER								
Rated heat output at T _{designh}	(1)(2)	kW	42	50	53	60	72	82
Bivalent temperature	(1)(2)	°C	2	2	2	2	2	2
SCOP	(1)(2)		4,61	4,46	4,46	4,44	4,53	4,07
Seasonal space heating energy efficiency	(1)(2)	%	182	175	175	174	178	160
Seasonal space heating energy efficiency class	(1)(2)		-	-	-	-	-	-
WEATHER CONDITIONS - AVERAGE								
Rated heat output at T _{designh}	(1)(2)	kW	40	46	49	57	71	77
Bivalent temperature	(1)(2)	°C	-7	-7	-7	-7	-7	-7
SCOP	(1)(2)		3,65	3,48	3,51	3,51	3,61	3,24
Seasonal space heating energy efficiency	(1)(2)	%	143	136	138	137	141	127
Seasonal space heating energy efficiency class	(1)(2)		A+	A+	A+	A+	-	-

1 Seasonal space heating energy efficiency class LOW TEMPERATURE [REGULATION (EU) N. 813/2013]

2 Type of calculation with fixed flow and variable temperature.

Certified data in EUROVENT

NX-N-G06/K - LOW TEMPERATURE application			0452P	0502P	0552P	0602P	0702P	0802P
Power supply		(V/ph/Hz)	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
WEATHER CONDITIONS - WARMER								
Rated heat output at T _{designh}	(1)(2)	kW	91	102	114	132	148	163
Bivalent temperature	(1)(2)	°C	2	2	2	2	2	2
SCOP	(1)(2)		4,02	4,08	4,22	4,05	4,06	3,91
Seasonal space heating energy efficiency	(1)(2)	%	158	160	166	159	159	154
Seasonal space heating energy efficiency class	(1)(2)		-	-	-	-	-	-
WEATHER CONDITIONS - AVERAGE								
Rated heat output at T _{designh}	(1)(2)	kW	88	99	113	127	150	175
Bivalent temperature	(1)(2)	°C	-7	-7	-7	-7	-7	-7
SCOP	(1)(2)		3,24	3,30	3,40	3,26	3,29	3,26
Seasonal space heating energy efficiency	(1)(2)	%	127	129	133	127	129	128
Seasonal space heating energy efficiency class	(1)(2)		-	-	-	-	-	-

1 Seasonal space heating energy efficiency class LOW TEMPERATURE [REGULATION (EU) N. 813/2013]

2 Type of calculation with fixed flow and variable temperature.

**TECHNICAL DATA SEASONAL
EFFICIENCY IN HEATING (EN14825
VALUE)**

NX-N-G06/LN-K

[SI System]

NX-N-G06/LN-K - LOW TEMPERATURE application			0202P	0252P	0262P	0302P	0352P	0402P
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	400/3/50
WEATHER CONDITIONS - WARMER								
Rated heat output at Tdesignh	(1)(2)	kW	42	50	53	60	72	82
Bivalent temperature	(1)(2)	°C	2	2	2	2	2	2
SCOP	(1)(2)		4,61	4,46	4,46	4,44	4,53	4,23
Seasonal space heating energy efficiency	(1)(2)	%	182	175	175	174	178	166
Seasonal space heating energy efficiency class	(1)(2)		-	-	-	-	-	-
WEATHER CONDITIONS - AVERAGE								
Rated heat output at Tdesignh	(1)(2)	kW	40	46	49	57	71	77
Bivalent temperature	(1)(2)	°C	-7	-7	-7	-7	-7	-7
SCOP	(1)(2)		3,65	3,48	3,51	3,51	3,61	3,36
Seasonal space heating energy efficiency	(1)(2)	%	143	136	138	137	141	131
Seasonal space heating energy efficiency class	(1)(2)		A+	A+	A+	A+	-	-

1 Seasonal space heating energy efficiency class LOW TEMPERATURE [REGULATION (EU) N. 813/2013]

2 Type of calculation with fixed flow and variable temperature.

Certified data in EUROVENT

NX-N-G06/LN-K - LOW TEMPERATURE application			0452P	0502P	0552P	0602P	0702P	0802P
Power supply	(V/ph/Hz)		400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
WEATHER CONDITIONS - WARMER								
Rated heat output at Tdesignh	(1)(2)	kW	91	102	114	132	148	163
Bivalent temperature	(1)(2)	°C	2	2	2	2	2	2
SCOP	(1)(2)		4,31	4,40	4,50	4,32	4,45	4,17
Seasonal space heating energy efficiency	(1)(2)	%	170	173	177	170	175	164
Seasonal space heating energy efficiency class	(1)(2)		-	-	-	-	-	-
WEATHER CONDITIONS - AVERAGE								
Rated heat output at Tdesignh	(1)(2)	kW	88	99	113	127	150	175
Bivalent temperature	(1)(2)	°C	-7	-7	-7	-7	-7	-7
SCOP	(1)(2)		3,45	3,51	3,56	3,45	3,52	3,43
Seasonal space heating energy efficiency	(1)(2)	%	135	137	139	135	138	134
Seasonal space heating energy efficiency class	(1)(2)		-	-	-	-	-	-

1 Seasonal space heating energy efficiency class LOW TEMPERATURE [REGULATION (EU) N. 813/2013]

2 Type of calculation with fixed flow and variable temperature.

**TECHNICAL DATA SEASONAL
EFFICIENCY IN HEATING (EN14825
VALUE)**

NX-N-G06/CA

[SI System]

NX-N-G06/CA - LOW TEMPERATURE application			0202P	0252P	0262P	0302P	0352P	0402P
Power supply	(V/ph/Hz)		400/3+N/50	400/3+N/50	400/3+N/50	400/3/50	400/3/50	400/3/50
WEATHER CONDITIONS - WARMER								
Rated heat output at Tdesignh	(1)(2)	kW	45	53	57	66	77	84
Bivalent temperature	(1)(2)	°C	2	2	2	2	2	2
SCOP	(1)(2)		4,86	4,67	4,62	4,32	4,34	4,33
Seasonal space heating energy efficiency	(1)(2)	%	191	184	182	170	171	170
Seasonal space heating energy efficiency class	(1)(2)		-	-	-	-	-	-
WEATHER CONDITIONS - AVERAGE								
Rated heat output at Tdesignh	(1)(2)	kW	42	49	53	62	71	77
Bivalent temperature	(1)(2)	°C	-7	-7	-7	-7	-7	-7
SCOP	(1)(2)		4,01	3,85	3,84	3,61	3,63	3,62
Seasonal space heating energy efficiency	(1)(2)	%	157	151	151	142	142	142
Seasonal space heating energy efficiency class	(1)(2)		A++	A++	A++	A+	-	-

1 Seasonal space heating energy efficiency class LOW TEMPERATURE [REGULATION (EU) N. 813/2013]

2 Type of calculation with fixed flow and variable temperature.

Certified data in EUROVENT

NX-N-G06/CA - LOW TEMPERATURE application			0452P	0502P	0562P	0612P	0712P	0812P
Power supply	(V/ph/Hz)		400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
WEATHER CONDITIONS - WARMER								
Rated heat output at Tdesignh	(1)(2)	kW	93	105	123	138	160	180
Bivalent temperature	(1)(2)	°C	2	2	2	2	2	2
SCOP	(1)(2)		4,43	4,29	4,28	4,31	4,17	4,02
Seasonal space heating energy efficiency	(1)(2)	%	174	169	168	169	164	158
Seasonal space heating energy efficiency class	(1)(2)		-	-	-	-	-	-
WEATHER CONDITIONS - AVERAGE								
Rated heat output at Tdesignh	(1)(2)	kW	88	99	109	128	147	170
Bivalent temperature	(1)(2)	°C	-7	-7	-7	-7	-7	-7
SCOP	(1)(2)		3,71	3,60	3,47	3,59	3,42	3,38
Seasonal space heating energy efficiency	(1)(2)	%	145	141	136	140	134	132
Seasonal space heating energy efficiency class	(1)(2)		-	-	-	-	-	-

1 Seasonal space heating energy efficiency class LOW TEMPERATURE [REGULATION (EU) N. 813/2013]

2 Type of calculation with fixed flow and variable temperature.

**TECHNICAL DATA SEASONAL
EFFICIENCY IN HEATING (EN14825
VALUE)**

NX-N-G06/LN-CA

[SI System]

NX-N-G06/LN-CA - LOW TEMPERATURE application			0202P	0252P	0262P	0302P	0352P	0402P
Power supply	(V/ph/Hz)		400/3+N/50	400/3+N/50	400/3+N/50	400/3/50	400/3/50	400/3/50
WEATHER CONDITIONS - WARMER								
Rated heat output at Tdesignh	(1)(2)	kW	45	53	57	66	77	84
Bivalent temperature	(1)(2)	°C	2	2	2	2	2	2
SCOP	(1)(2)		4,86	4,67	4,62	4,32	4,34	4,33
Seasonal space heating energy efficiency	(1)(2)	%	191	184	182	170	171	170
Seasonal space heating energy efficiency class	(1)(2)		-	-	-	-	-	-
WEATHER CONDITIONS - AVERAGE								
Rated heat output at Tdesignh	(1)(2)	kW	42	49	53	62	71	77
Bivalent temperature	(1)(2)	°C	-7	-7	-7	-7	-7	-7
SCOP	(1)(2)		4,01	3,85	3,84	3,61	3,63	3,62
Seasonal space heating energy efficiency	(1)(2)	%	157	151	151	142	142	142
Seasonal space heating energy efficiency class	(1)(2)		A++	A++	A++	A+	-	-

1 Seasonal space heating energy efficiency class LOW TEMPERATURE [REGULATION (EU) N. 813/2013]

2 Type of calculation with fixed flow and variable temperature.

Certified data in EUROVENT

NX-N-G06/LN-CA - LOW TEMPERATURE application			0452P	0502P	0562P	0612P	0712P	0812P
Power supply	(V/ph/Hz)		400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
WEATHER CONDITIONS - WARMER								
Rated heat output at Tdesignh	(1)(2)	kW	93	105	123	138	160	180
Bivalent temperature	(1)(2)	°C	2	2	2	2	2	2
SCOP	(1)(2)		4,43	4,29	4,28	4,31	4,17	4,02
Seasonal space heating energy efficiency	(1)(2)	%	174	169	168	169	164	158
Seasonal space heating energy efficiency class	(1)(2)		-	-	-	-	-	-
WEATHER CONDITIONS - AVERAGE								
Rated heat output at Tdesignh	(1)(2)	kW	88	99	109	128	147	170
Bivalent temperature	(1)(2)	°C	-7	-7	-7	-7	-7	-7
SCOP	(1)(2)		3,71	3,60	3,47	3,59	3,42	3,38
Seasonal space heating energy efficiency	(1)(2)	%	145	141	136	140	134	132
Seasonal space heating energy efficiency class	(1)(2)		-	-	-	-	-	-

1 Seasonal space heating energy efficiency class LOW TEMPERATURE [REGULATION (EU) N. 813/2013]

2 Type of calculation with fixed flow and variable temperature.

7.1 TECHNICAL DATA SEASONAL EFFICIENCY IN COOLING (EN14825 VALUE)

[SI System]

ENERGY EFFICIENCY

SEASONAL EFFICIENCY IN COOLING (Reg. EU 2016/2281) Ambient refrigeration

NX-N-G06/K			0202P	0252P	0262P	0302P	0352P	0402P	0452P	0502P	0552P	0602P
Prated,c	(1)	kW	48,9	55,9	61,9	71,0	80,8	95,9	107,7	119,7	132,4	155,1
SEER	(1) (2)	-	3,83	3,69	3,71	3,70	3,75	3,47	3,54	3,60	3,61	3,57
Performance η_s	(1) (3)	%	150,0	145,0	145,0	145,0	147,0	136,0	139,0	141,0	141,0	140,0
NX-N-G06/K			0702P	0802P								
Prated,c	(1)	kW	172,2	190,5								
SEER	(1) (2)	-	3,61	3,52								
Performance η_s	(1) (3)	%	141,0	138,0								
NX-N-G06/LN-K			0202P	0252P	0262P	0302P	0352P	0402P	0452P	0502P	0552P	0602P
Prated,c	(1)	kW	44,8	51,2	57,9	67,0	74,6	90,5	99,2	109,1	126,0	147,8
SEER	(1) (2)	-	3,70	3,56	3,58	3,63	3,63	3,59	3,59	3,55	3,69	3,70
Performance η_s	(1) (3)	%	145,0	139,0	140,0	142,0	142,0	141,0	141,0	139,0	145,0	145,0
NX-N-G06/LN-K			0702P	0802P								
Prated,c	(1)	kW	161,2	172,0								
SEER	(1) (2)	-	3,68	3,43								
Performance η_s	(1) (3)	%	144,0	134,0								
NX-N-G06/CA			0202P	0252P	0262P	0302P	0352P	0402P	0452P	0502P	0562P	0612P
Prated,c	(1)	kW	49,1	57,1	64,0	77,5	88,0	97,8	111,2	125,3	146,1	162,6
SEER	(1) (2)	-	3,85	3,78	3,85	3,73	3,76	3,79	3,83	3,74	3,75	3,82
Performance η_s	(1) (3)	%	151,0	148,0	151,0	146,0	147,0	148,0	150,0	146,0	147,0	150,0
NX-N-G06/CA			0712P	0812P								
Prated,c	(1)	kW	189,4	210,3								
SEER	(1) (2)	-	3,72	3,67								
Performance η_s	(1) (3)	%	146,0	144,0								
NX-N-G06/LN-CA			0202P	0252P	0262P	0302P	0352P	0402P	0452P	0502P	0562P	0612P
Prated,c	(1)	kW	45,5	52,1	57,3	76,0	83,4	94,8	105,2	119,5	138,2	158,4
SEER	(1) (2)	-	3,76	3,62	3,56	3,82	3,71	3,76	3,79	3,74	3,73	3,87
Performance η_s	(1) (3)	%	147,0	142,0	139,0	150,0	145,0	147,0	148,0	147,0	146,0	152,0
NX-N-G06/LN-CA			0712P	0812P								
Prated,c	(1)	kW	181,0	203,6								
SEER	(1) (2)	-	3,74	3,72								
Performance η_s	(1) (3)	%	147,0	146,0								

Notes:

(1) Parameter calculated according to [REGULATION (EU) N. 2016/2281]

(2) Seasonal energy efficiency ratio

(3) Seasonal space cooling energy efficiency

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

Certified data in EUROVENT