

5.1 GENERAL TECHNICAL DATA

NX-CN /K

[SI System]

NX-CN /K			0072	0092	0102	0122	0152	0182	0202	0232	0272	0302
Power supply			V/ph/Hz									
PERFORMANCE												
COOLING ONLY (GROSS VALUE)												
Cooling capacity	(1)	kW	18,37	22,60	25,76	30,34	37,95	44,87	51,74	57,71	66,12	74,94
Total power input	(1)	kW	6,460	8,540	9,050	10,78	13,33	15,22	18,06	20,75	22,83	27,09
EER	(1)	kW/kW	2,848	2,646	2,851	2,806	2,857	2,954	2,856	2,774	2,899	2,764
COOLING ONLY (EN14511 VALUE)												
Cooling capacity	(1)(2)	kW	18,30	22,60	25,70	30,30	37,90	44,80	51,70	57,60	66,00	74,90
EER	(1)(2)	kW/kW	3,040	2,810	3,090	3,010	3,060	3,190	3,060	2,950	3,110	2,950
HEATING ONLY (GROSS VALUE)												
Total heating capacity	(3)	kW	19,16	23,87	28,02	31,79	41,48	48,41	55,64	61,74	70,72	79,49
Total power input	(3)	kW	7,059	9,064	9,870	11,27	14,30	16,37	18,97	21,50	23,32	27,81
COP	(3)	kW/kW	2,720	2,638	2,837	2,814	2,902	2,951	2,926	2,870	3,034	2,860
HEATING ONLY (EN14511 VALUE)												
Total heating capacity	(3)(2)	kW	19,20	23,90	28,10	31,90	41,60	48,50	55,70	61,80	70,80	79,60
COP	(3)(2)	kW/kW	2,900	2,800	3,060	3,010	3,110	3,180	3,120	3,040	3,260	3,050
COOLING WITH PARTIAL RECOVERY												
Cooling capacity	(4)	kW	19,06	23,45	26,73	31,48	39,37	46,55	53,68	59,87	68,60	77,75
Total power input	(4)	kW	6,263	8,286	8,765	10,44	12,93	14,76	17,51	20,11	22,11	26,26
Desuperheater heating capacity	(4)	kW	5,017	6,472	7,275	8,748	10,22	11,73	14,05	16,20	18,25	21,26
EXCHANGERS												
HEAT EXCHANGER USER SIDE IN COOLING												
Water flow	(1)	l/s	0,878	1,081	1,232	1,451	1,815	2,146	2,474	2,760	3,162	3,584
Pressure drop at the heat exchanger	(1)	kPa	16,7	18,2	16,6	18,3	19,1	16,6	17,3	17,1	12,9	12,6
HEAT EXCHANGER USER SIDE IN HEATING												
Water flow	(3)	l/s	0,925	1,152	1,352	1,535	2,002	2,337	2,686	2,980	3,414	3,837
Pressure drop at the heat exchanger	(3)	kPa	18,6	20,7	20,1	20,4	23,2	19,6	20,4	19,9	15,1	14,4
PARTIAL RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(4)	l/s	0,242	0,312	0,351	0,422	0,493	0,566	0,678	0,782	0,881	1,026
Pressure drop at the heat exchanger	(4)	kPa	2,88	4,80	6,06	8,76	4,37	5,76	8,26	11,0	8,36	11,3
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			R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant charge		kg	8,20	8,50	8,90	9,10	19,0	20,2	21,1	21,5	27,1	23,6
Oil charge		kg	2,70	2,70	2,70	3,30	3,90	5,50	5,50	6,30	7,30	7,40
Rc (ASHRAE)	(5)	kg/kW	0,45	0,38	0,35	0,30	0,51	0,45	0,41	0,38	0,41	0,32
FANS												
Quantity		N°	1	1	1	1	2	2	2	2	2	3
Air flow		m³/s	2,08	2,50	3,33	3,47	4,44	5,42	5,69	5,97	7,50	8,06
Available static pressure		Pa	120	120	120	120	120	120	120	120	120	120
Fans power input		kW	0,84	1,29	0,90	0,98	0,94	1,04	1,16	1,30	1,19	1,09
NOISE LEVEL												
Sound power level in cooling	(6)(7)	dB(A)	83	88	78	79	88	85	86	87	83	87
Sound power level in heating	(6)(8)	dB(A)	70	70	70	70	80	80	80	80	80	80
Sound power level in heating	(6)(9)	dB(A)	83	88	78	79	88	85	86	87	83	87
SIZE AND WEIGHT												
A	(10)	mm	1500	1500	1500	1500	2480	2480	2480	2480	2480	2480
B	(10)	mm	900	900	900	900	1100	1100	1100	1100	1100	1100
H	(10)	mm	1910	1910	1910	1910	2100	2100	2100	2100	2100	2100
Operating weight	(10)	kg	430	440	460	470	810	840	840	860	920	960

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

6 Total sound power of fans, as declared by the manufacturer, at the rated speed of rotation and a nominal available static pressure on the delivery side.

7 Sound power level in cooling, indoors.

8 Sound power level in heating, indoors.

9 Sound power level in heating, outdoors.

10 Unit in standard configuration, without optional accessories.

- Not available

Data certified in EUROVENT

GENERAL TECHNICAL DATA

NX-CN /K

[SI System]

NX-CN /K			0352	0402	0452	0502	0552	0602	0702	0524	0604	0704
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	400/3/50	400/3/50
PERFORMANCE												
COOLING ONLY (GROSS VALUE)												
Cooling capacity	(1)	kW	85,04	94,47	106,8	121,1	135,9	151,4	173,1	124,8	144,0	167,2
Total power input	(1)	kW	31,82	33,89	38,78	44,60	52,52	56,39	65,84	47,64	53,51	63,38
EER	(1)	kW/kW	2,673	2,788	2,753	2,715	2,589	2,684	2,631	2,622	2,692	2,637
COOLING ONLY (EN14511 VALUE)												
Cooling capacity	(1)(2)	kW	85,00	94,40	106,7	121,0	135,8	151,2	172,9	124,6	143,8	167,0
EER	(1)(2)	kW/kW	2,840	2,990	2,930	2,880	2,730	2,850	2,790	2,770	2,860	2,800
HEATING ONLY (GROSS VALUE)												
Total heating capacity	(3)	kW	89,35	102,2	114,6	131,1	146,9	162,9	187,1	135,0	156,7	179,9
Total power input	(3)	kW	32,23	35,08	39,32	45,56	53,15	56,97	64,72	48,55	54,35	64,53
COP	(3)	kW/kW	2,776	2,912	2,916	2,875	2,766	2,858	2,892	2,784	2,881	2,789
HEATING ONLY (EN14511 VALUE)												
Total heating capacity	(3)(2)	kW	89,50	102,3	114,7	131,2	147,1	163,1	187,4	135,2	156,9	180,2
COP	(3)(2)	kW/kW	2,950	3,110	3,100	3,050	2,920	3,030	3,070	2,940	3,060	2,960
COOLING WITH PARTIAL RECOVERY												
Cooling capacity	(4)	kW	88,23	98,01	110,8	125,6	141,0	157,1	179,6	129,4	149,4	173,5
Total power input	(4)	kW	30,85	32,82	37,55	43,25	50,95	54,62	63,84	46,20	51,82	61,45
Desuperheater heating capacity	(4)	kW	24,73	27,28	31,32	34,49	39,99	45,23	51,11	36,60	43,05	49,24
EXCHANGERS												
HEAT EXCHANGER USER SIDE IN COOLING												
Water flow	(1)	l/s	4,067	4,518	5,107	5,791	6,500	7,240	8,277	5,966	6,887	7,998
Pressure drop at the heat exchanger	(1)	kPa	13,5	13,2	13,5	13,3	14,3	14,9	15,5	19,6	19,6	19,9
HEAT EXCHANGER USER SIDE IN HEATING												
Water flow	(3)	l/s	4,313	4,932	5,532	6,328	7,091	7,864	9,034	6,518	7,564	8,685
Pressure drop at the heat exchanger	(3)	kPa	15,2	15,7	15,8	15,9	17,0	17,6	18,5	23,4	23,7	23,5
PARTIAL RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(4)	l/s	1,194	1,317	1,512	1,665	1,930	2,183	2,467	1,767	2,078	2,377
Pressure drop at the heat exchanger	(4)	kPa	10,5	12,7	9,90	12,0	10,7	13,7	12,9	16,8	23,2	20,7
REFRIGERANT CIRCUIT												
Compressors nr.		N°	2	2	2	2	2	2	2	4	4	4
Number of capacity steps		N°	2	2	2	2	2	2	2	4	4	4
No. Circuits		N°	1	1	1	1	1	1	1	2	2	2
Regulation			STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS
Min. capacity step		%	50	50	50	50	50	50	50	25	25	25
Refrigerant			R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant charge		kg	24,6	32,2	33,0	38,9	39,9	40,8	51,4	43,0	44,3	51,5
Oil charge		kg	8,90	10,3	12,6	15,0	14,4	13,9	13,9	14,3	14,9	17,7
Rc (ASHRAE)	(5)	kg/kW	0,29	0,34	0,31	0,32	0,30	0,27	0,30	0,35	0,31	0,31
FANS												
Quantity		N°	3	3	3	4	4	4	6	4	4	6
Air flow		m³/s	8,89	10,56	11,11	12,50	13,89	15,83	18,06	13,06	15,28	17,78
Available static pressure		Pa	120	120	120	120	120	120	120	120	120	120
Fans power input		kW	1,37	1,11	1,23	1,49	1,93	1,43	1,43	1,66	1,32	1,37
NOISE LEVEL												
Sound power level in cooling	(6)(7)	dB(A)	89	84	85	91	94	88	92	92	87	94
Sound power level in heating	(6)(8)	dB(A)	80	82	83	83	84	85	85	85	85	86
Sound power level in heating	(6)(9)	dB(A)	89	84	85	91	94	88	92	92	87	94
SIZE AND WEIGHT												
A	(10)	mm	2480	2980	2980	3970	3970	3970	4670	3970	3970	4670
B	(10)	mm	1100	1260	1260	1260	1260	1260	1260	1260	1260	1260
H	(10)	mm	2100	2100	2100	2100	2100	2100	2100	2100	2100	2100
Operating weight	(10)	kg	1020	1260	1280	1510	1530	1610	1820	1490	1590	1910

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

6 Total sound power of fans, as declared by the manufacturer, at the rated speed of rotation and a nominal available static pressure on the delivery side.

7 Sound power level in cooling, indoors.

8 Sound power level in heating, indoors.

9 Sound power level in heating, outdoors.

10 Unit in standard configuration, without optional accessories.

- Not available

Data certified in EUROVENT

GENERAL TECHNICAL DATA

NX-CN /K

[SI System]

NX-CN /K			0804	0904	1004	1104
Power supply		V/ph/Hz	400/3/50	400/3/50	400/3/50	400/3/50
PERFORMANCE						
COOLING ONLY (GROSS VALUE)						
Cooling capacity	(1)	kW	186,9	216,9	241,1	265,3
Total power input	(1)	kW	73,33	77,85	88,00	103,8
EER	(1)	kW/kW	2,550	2,788	2,740	2,556
COOLING ONLY (EN14511 VALUE)						
Cooling capacity	(1)(2)	kW	186,6	216,6	240,8	265,0
EER	(1)(2)	kW/kW	2,690	2,960	2,900	2,680
HEATING ONLY (GROSS VALUE)						
Total heating capacity	(3)	kW	199,1	231,1	256,0	283,1
Total power input	(3)	kW	73,70	78,93	88,07	100,7
COP	(3)	kW/kW	2,701	2,929	2,906	2,811
HEATING ONLY (EN14511 VALUE)						
Total heating capacity	(3)(2)	kW	199,4	231,4	256,3	283,4
COP	(3)(2)	kW/kW	2,850	3,110	3,080	2,950
COOLING WITH PARTIAL RECOVERY						
Cooling capacity	(4)	kW	193,9	225,1	250,2	275,2
Total power input	(4)	kW	71,12	75,39	85,23	100,6
Desuperheater heating capacity	(4)	kW	56,30	62,74	70,62	83,97
EXCHANGERS						
HEAT EXCHANGER USER SIDE IN COOLING						
Water flow	(1)	l/s	8,935	10,37	11,53	12,69
Pressure drop at the heat exchanger	(1)	kPa	19,9	20,4	20,5	19,6
HEAT EXCHANGER USER SIDE IN HEATING						
Water flow	(3)	l/s	9,613	11,16	12,36	13,67
Pressure drop at the heat exchanger	(3)	kPa	23,0	23,5	23,5	22,8
PARTIAL RECOVERY USER SIDE IN REFRIGERATION						
Water flow	(4)	l/s	2,718	3,029	3,409	4,053
Pressure drop at the heat exchanger	(4)	kPa	27,1	19,7	25,0	35,3
REFRIGERANT CIRCUIT						
Compressors nr.		N°	4	4	4	4
Number of capacity steps		N°	4	4	4	4
No. Circuits		N°	2	2	2	2
Regulation			STEPS	STEPS	STEPS	STEPS
Min. capacity step		%	25	25	25	25
Refrigerant			R410A	R410A	R410A	R410A
Refrigerant charge		kg	53,5	68,5	71,0	72,8
Oil charge		kg	20,5	25,2	29,9	28,8
Rc (ASHRAE)	(5)	kg/kW	0,29	0,32	0,30	0,28
FANS						
Quantity		N°	6	6	6	6
Air flow		m³/s	19,44	22,50	24,17	24,17
Available static pressure		Pa	120	120	120	120
Fans power input		kW	1,71	1,26	1,48	1,63
NOISE LEVEL						
Sound power level in cooling	(6)(7)	dB(A)	94	88	90	90
Sound power level in heating	(6)(8)	dB(A)	86	88	90	90
Sound power level in heating	(6)(9)	dB(A)	94	88	90	90
SIZE AND WEIGHT						
A	(10)	mm	4670	5670	5670	5670
B	(10)	mm	1260	1260	1260	1260
H	(10)	mm	2100	2100	2100	2100
Operating weight	(10)	kg	2060	2430	2490	2540

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

6 Total sound power of fans, as declared by the manufacturer, at the rated speed of rotation and a nominal available static pressure on the delivery side.

7 Sound power level in cooling, indoors.

8 Sound power level in heating, indoors.

9 Sound power level in heating, outdoors.

10 Unit in standard configuration, without optional accessories.

- Not available

Data certified in EUROVENT

GENERAL TECHNICAL DATA

NX-CN /SL-K

[SI System]

NX-CN /SL-K			0072	0092	0102	0122	0152	0182	0202	0232	0272	0302
Power supply			V/ph/Hz 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50									
PERFORMANCE												
COOLING ONLY (GROSS VALUE)												
Cooling capacity	(1)	kW	18,03	22,02	24,45	28,64	37,03	43,88	50,75	56,21	64,42	72,59
Total power input	(1)	kW	6,240	8,120	9,570	11,41	12,83	14,68	17,48	20,06	23,07	26,39
EER	(1)	kW/kW	2,885	2,709	2,560	2,509	2,891	2,986	2,903	2,796	2,788	2,750
COOLING ONLY (EN14511 VALUE)												
Cooling capacity	(1)(2)	kW	18,00	22,00	24,40	28,60	37,00	43,80	50,70	56,10	64,40	72,50
EER	(1)(2)	kW/kW	3,100	2,880	2,700	2,630	3,080	3,210	3,100	2,970	2,970	2,910
HEATING ONLY (GROSS VALUE)												
Total heating capacity	(3)	kW	18,92	23,48	27,08	30,78	40,70	47,57	54,82	60,97	69,20	77,93
Total power input	(3)	kW	6,643	8,291	9,495	10,83	13,30	15,29	17,82	20,20	23,30	25,89
COP	(3)	kW/kW	2,846	2,835	2,856	2,852	3,060	3,111	3,079	3,020	2,970	3,008
HEATING ONLY (EN14511 VALUE)												
Total heating capacity	(3)(2)	kW	19,00	23,50	27,10	30,80	40,80	47,60	54,90	61,10	69,30	78,00
COP	(3)(2)	kW/kW	3,050	3,010	3,020	3,010	3,260	3,340	3,290	3,210	3,160	3,190
COOLING WITH PARTIAL RECOVERY												
Cooling capacity	(4)	kW	18,71	22,85	25,37	29,71	38,42	45,53	52,65	58,32	66,84	75,31
Total power input	(4)	kW	6,036	7,854	9,253	11,03	12,41	14,20	16,91	19,40	22,32	25,51
Desuperheater heating capacity	(4)	kW	5,195	6,784	8,078	9,685	10,65	12,19	14,53	16,73	19,04	22,32
EXCHANGERS												
HEAT EXCHANGER USER SIDE IN COOLING												
Water flow	(1)	l/s	0,862	1,053	1,169	1,370	1,771	2,098	2,427	2,688	3,081	3,471
Pressure drop at the heat exchanger	(1)	kPa	16,1	17,3	15,0	16,3	18,2	15,8	16,7	16,2	12,3	11,8
HEAT EXCHANGER USER SIDE IN HEATING												
Water flow	(3)	l/s	0,913	1,133	1,307	1,486	1,964	2,296	2,646	2,943	3,340	3,762
Pressure drop at the heat exchanger	(3)	kPa	18,1	20,0	18,7	19,2	22,3	19,0	19,8	19,4	14,4	13,9
PARTIAL RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(4)	l/s	0,251	0,327	0,390	0,468	0,514	0,589	0,701	0,807	0,919	1,078
Pressure drop at the heat exchanger	(4)	kPa	3,09	5,27	7,47	10,7	4,75	6,22	8,84	11,7	9,10	12,5
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			R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant charge		kg	8,20	8,50	18,3	18,5	19,0	20,2	21,1	21,5	34,1	29,9
Oil charge		kg	2,70	2,70	2,70	3,30	3,90	5,50	5,50	6,30	7,30	7,40
Rc (ASHRAE)	(5)	kg/kW	0,46	0,39	0,76	0,65	0,52	0,47	0,42	0,39	0,53	0,42
FANS												
Quantity		N°	2	2	2	2	2	3	3	3	3	3
Air flow		m³/s	1,81	2,08	2,22	2,36	3,61	4,44	4,86	5,14	6,11	6,39
Available static pressure		Pa	120	120	120	120	120	120	120	120	120	120
Fans power input		kW	0,21	0,26	0,26	0,28	0,45	0,34	0,40	0,44	0,58	0,46
NOISE LEVEL												
Sound power level in cooling	(6)(7)	dB(A)	68	70	72	73	76	74	76	77	81	74
Sound power level in heating	(6)(8)	dB(A)	60	61	59	60	73	72	74	73	75	72
Sound power level in heating	(6)(9)	dB(A)	68	70	72	73	76	74	76	77	81	74
SIZE AND WEIGHT												
A	(10)	mm	1500	1500	2480	2480	2480	2480	2480	2480	2980	2980
B	(10)	mm	900	900	1100	1100	1100	1100	1100	1100	1260	1260
H	(10)	mm	1910	1910	2100	2100	2100	2100	2100	2100	2100	2100
Operating weight	(10)	kg	480	490	820	830	860	920	920	940	1090	1160

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

6 Total sound power of fans, as declared by the manufacturer, at the rated speed of rotation and a nominal available static pressure on the delivery side.

7 Sound power level in cooling, indoors.

8 Sound power level in heating, indoors.

9 Sound power level in heating, outdoors.

10 Unit in standard configuration, without optional accessories.

- Not available

Data certified in EUROVENT

GENERAL TECHNICAL DATA

NX-CN /SL-K

[SI System]

NX-CN /SL-K		0352	0402	0452	0502	0552	0602	0702	0524	0604	0704
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	400/3/50	400/3/50
PERFORMANCE											
COOLING ONLY (GROSS VALUE)											
Cooling capacity	(1)	kW	82,03	91,09	102,9	118,8	132,6	145,7	166,5	121,9	139,6
Total power input	(1)	kW	30,87	34,39	39,12	42,58	49,66	57,36	65,20	45,49	53,82
EER	(1)	kW/kW	2,654	2,648	2,632	2,789	2,668	2,538	2,554	2,679	2,595
COOLING ONLY (EN14511 VALUE)											
Cooling capacity	(1)(2)	kW	81,90	91,00	102,8	118,7	132,5	145,6	166,4	121,8	139,4
EER	(1)(2)	kW/kW	2,800	2,790	2,770	2,960	2,810	2,670	2,680	2,830	2,720
HEATING ONLY (GROSS VALUE)											
Total heating capacity	(3)	kW	87,39	99,80	111,9	129,4	144,6	159,1	181,8	133,1	153,7
Total power input	(3)	kW	29,63	33,67	37,47	42,29	48,47	54,79	62,17	44,85	52,15
COP	(3)	kW/kW	2,953	2,961	2,984	3,059	2,981	2,903	2,923	2,964	2,944
HEATING ONLY (EN14511 VALUE)											
Total heating capacity	(3)(2)	kW	87,50	99,90	112,1	129,5	144,8	159,3	182,0	133,3	153,9
COP	(3)(2)	kW/kW	3,120	3,130	3,150	3,240	3,150	3,060	3,070	3,130	3,100
COOLING WITH PARTIAL RECOVERY											
Cooling capacity	(4)	kW	85,11	94,51	106,8	123,3	137,6	151,2	172,8	126,5	144,8
Total power input	(4)	kW	29,84	33,26	37,82	41,18	48,03	55,48	63,08	44,00	52,05
Desuperheater heating capacity	(4)	kW	26,16	28,93	33,24	35,58	41,58	47,99	54,18	37,93	45,18
EXCHANGERS											
HEAT EXCHANGER USER SIDE IN COOLING											
Water flow	(1)	l/s	3,923	4,356	4,922	5,682	6,342	6,967	7,963	5,832	6,675
Pressure drop at the heat exchanger	(1)	kPa	12,5	12,2	12,5	12,8	13,6	13,8	14,4	18,7	18,4
HEAT EXCHANGER USER SIDE IN HEATING											
Water flow	(3)	l/s	4,218	4,818	5,403	6,246	6,982	7,680	8,777	6,427	7,420
Pressure drop at the heat exchanger	(3)	kPa	14,5	15,0	15,1	15,5	16,5	16,7	17,5	22,7	22,8
PARTIAL RECOVERY USER SIDE IN REFRIGERATION											
Water flow	(4)	l/s	1,263	1,396	1,605	1,717	2,007	2,316	2,615	1,831	2,181
Pressure drop at the heat exchanger	(4)	kPa	11,7	14,3	11,1	12,8	11,5	15,4	14,5	18,0	25,6
REFRIGERANT CIRCUIT											
Compressors nr.		N°	2	2	2	2	2	2	2	4	4
Number of capacity steps		N°	2	2	2	2	2	2	2	4	4
No. Circuits		N°	1	1	1	1	1	1	1	2	2
Regulation			STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS
Min. capacity step		%	50	50	50	50	50	50	50	25	25
Refrigerant			R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant charge		kg	31,1	32,2	37,7	38,9	39,9	49,0	56,9	43,0	44,3
Oil charge		kg	8,90	10,3	12,6	15,0	14,4	13,9	13,9	14,3	14,9
Rc (ASHRAE)	(5)	kg/kW	0,38	0,36	0,37	0,33	0,30	0,34	0,35	0,36	0,32
FANS											
Quantity		N°	3	3	4	4	4	6	6	4	4
Air flow		m³/s	6,94	8,06	8,61	10,83	11,67	12,22	13,89	11,11	12,22
Available static pressure		Pa	120	120	120	120	120	120	120	120	120
Fans power input		kW	0,52	0,66	0,47	0,68	0,77	0,60	0,75	0,75	0,80
NOISE LEVEL											
Sound power level in cooling	(6)(7)	dB(A)	76	79	75	80	82	84	86	81	82
Sound power level in heating	(6)(8)	dB(A)	71	76	77	76	76	81	80	77	80
Sound power level in heating	(6)(9)	dB(A)	76	79	75	80	82	84	86	81	82
SIZE AND WEIGHT											
A	(10)	mm	2980	2980	3970	3970	3970	4670	5670	3970	4670
B	(10)	mm	1260	1260	1260	1260	1260	1260	1260	1260	1260
H	(10)	mm	2100	2100	2100	2100	2100	2100	2100	2100	2100
Operating weight	(10)	kg	1230	1320	1610	1630	1650	1880	2120	1610	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

6 Total sound power of fans, as declared by the manufacturer, at the rated speed of rotation and a nominal available static pressure on the delivery side.

7 Sound power level in cooling, indoors.

8 Sound power level in heating, indoors.

9 Sound power level in heating, outdoors.

10 Unit in standard configuration, without optional accessories.

- Not available

Data certified in EUROVENT

GENERAL TECHNICAL DATA

NX-CN /SL-K

[SI System]

NX-CN /SL-K		0804	0904	1004
Power supply		V/ph/Hz	400/3/50	400/3/50
PERFORMANCE				
COOLING ONLY (GROSS VALUE)				
Cooling capacity	(1)	kW	179,8	212,2
Total power input	(1)	kW	70,62	88,72
EER	(1)	kW/kW	2,547	2,639
COOLING ONLY (EN14511 VALUE)				
Cooling capacity	(1)(2)	kW	179,5	211,9
EER	(1)(2)	kW/kW	2,670	2,760
HEATING ONLY (GROSS VALUE)				
Total heating capacity	(3)	kW	194,3	227,8
Total power input	(3)	kW	66,80	84,79
COP	(3)	kW/kW	2,909	2,970
HEATING ONLY (EN14511 VALUE)				
Total heating capacity	(3)(2)	kW	194,6	228,1
COP	(3)(2)	kW/kW	3,060	3,130
COOLING WITH PARTIAL RECOVERY				
Cooling capacity	(4)	kW	186,5	220,2
Total power input	(4)	kW	68,27	85,82
Desuperheater heating capacity	(4)	kW	59,88	74,05
EXCHANGERS				
HEAT EXCHANGER USER SIDE IN COOLING				
Water flow	(1)	l/s	8,596	10,15
Pressure drop at the heat exchanger	(1)	kPa	18,4	19,5
HEAT EXCHANGER USER SIDE IN HEATING				
Water flow	(3)	l/s	9,379	10,99
Pressure drop at the heat exchanger	(3)	kPa	21,9	22,9
PARTIAL RECOVERY USER SIDE IN REFRIGERATION				
Water flow	(4)	l/s	2,890	3,137
Pressure drop at the heat exchanger	(4)	kPa	30,6	21,2
REFRIGERANT CIRCUIT				
Compressors nr.		N°	4	4
Number of capacity steps		N°	4	4
No. Circuits		N°	2	2
Regulation		STEPS	STEPS	STEPS
Min. capacity step		%	25	25
Refrigerant		R410A	R410A	R410A
Refrigerant charge		kg	53,5	68,5
Oil charge		kg	20,5	25,2
Rc (ASHRAE)	(5)	kg/kW	0,30	0,33
FANS				
Quantity		N°	6	6
Air flow		m³/s	15,00	19,17
Available static pressure		Pa	120	120
Fans power input		kW	0,59	0,91
NOISE LEVEL				
Sound power level in cooling	(6)(7)	dB(A)	80	85
Sound power level in heating	(6)(8)	dB(A)	73	85
Sound power level in heating	(6)(9)	dB(A)	80	85
SIZE AND WEIGHT				
A	(10)	mm	5670	5670
B	(10)	mm	1260	1260
H	(10)	mm	2100	2100
Operating weight	(10)	kg	2460	2550

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

6 Total sound power of fans, as declared by the manufacturer, at the rated speed of rotation and a nominal available static pressure on the delivery side.

7 Sound power level in cooling, indoors.

8 Sound power level in heating, indoors.

9 Sound power level in heating, outdoors.

10 Unit in standard configuration, without optional accessories.

- Not available

Data certified in EUROVENT

GENERAL TECHNICAL DATA

NX-CN /A

[SI System]

NX-CN /A		0072	0092	0102	0122	0152	0182	0202	0232	0272	0302
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	400/3/50	400/3/50
PERFORMANCE											
COOLING ONLY (GROSS VALUE)											
Cooling capacity	(1)	kW	18,74	23,01	26,05	30,93	38,29	45,37	52,47	58,35	66,63
Total power input	(1)	kW	6,110	7,930	9,330	11,17	12,91	14,68	17,42	19,97	23,31
EER	(1)	kW/kW	3,061	2,900	2,787	2,759	2,969	3,088	3,017	2,915	2,858
COOLING ONLY (EN14511 VALUE)											
Cooling capacity	(1)(2)	kW	18,70	23,00	26,00	30,90	38,20	45,30	52,40	58,30	66,60
EER	(1)(2)	kW/kW	3,380	3,160	3,060	3,010	3,220	3,410	3,280	3,160	3,090
HEATING ONLY (GROSS VALUE)											
Total heating capacity	(3)	kW	19,42	24,20	28,26	32,28	41,76	48,86	56,28	62,60	70,87
Total power input	(3)	kW	6,903	8,689	10,34	12,02	14,07	16,10	18,74	21,31	24,71
COP	(3)	kW/kW	2,812	2,785	2,748	2,692	2,965	3,037	3,011	2,939	2,870
HEATING ONLY (EN14511 VALUE)											
Total heating capacity	(3)(2)	kW	19,50	24,20	28,30	32,30	41,80	48,90	56,40	62,70	71,00
COP	(3)(2)	kW/kW	3,080	3,020	2,990	2,910	3,200	3,320	3,260	3,170	3,090
COOLING WITH PARTIAL RECOVERY											
Cooling capacity	(4)	kW	19,44	23,87	27,03	32,09	39,73	47,07	54,44	60,54	69,13
Total power input	(4)	kW	5,921	7,685	9,051	10,84	12,52	14,23	16,88	19,35	22,60
Desuperheater heating capacity	(4)	kW	4,829	6,257	7,114	8,435	10,06	11,50	13,70	15,71	18,02
EXCHANGERS											
HEAT EXCHANGER USER SIDE IN COOLING											
Water flow	(1)	l/s	0,896	1,100	1,246	1,479	1,831	2,170	2,509	2,790	3,186
Pressure drop at the heat exchanger	(1)	kPa	17,4	18,9	17,0	19,0	19,4	16,9	17,8	17,4	13,1
HEAT EXCHANGER USER SIDE IN HEATING											
Water flow	(3)	l/s	0,937	1,168	1,364	1,558	2,016	2,358	2,717	3,022	3,421
Pressure drop at the heat exchanger	(3)	kPa	19,1	21,3	20,4	21,1	23,5	20,0	20,9	20,5	15,2
PARTIAL RECOVERY USER SIDE IN REFRIGERATION											
Water flow	(4)	l/s	0,233	0,302	0,343	0,407	0,486	0,555	0,661	0,758	0,870
Pressure drop at the heat exchanger	(4)	kPa	2,67	4,48	5,80	8,15	4,24	5,53	7,86	10,3	8,15
REFRIGERANT CIRCUIT											
Compressors nr.		N°	2	2	2	2	2	2	2	2	2
Number of capacity steps		N°	2	2	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1	1	1
Regulation			STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS
Min. capacity step		%	50	50	50	50	50	50	50	50	50
Refrigerant			R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant charge		kg	8,20	8,50	18,3	18,5	19,0	20,2	21,1	21,5	34,1
Oil charge		kg	2,70	2,70	2,70	3,30	3,90	5,50	5,50	6,30	7,30
Rc (ASHRAE)	(5)	kg/kW	0,44	0,37	0,71	0,60	0,50	0,45	0,41	0,37	0,52
FANS											
Quantity		N°	2	2	2	2	2	3	3	3	3
Air flow		m³/s	2,50	2,92	3,75	4,17	4,86	6,11	6,53	6,94	8,06
Available static pressure		Pa	120	120	120	120	120	120	120	120	120
Fans power input		kW	0,35	0,46	0,68	0,86	0,82	0,60	0,69	0,79	1,04
NOISE LEVEL											
Sound power level in cooling	(6)(7)	dB(A)	74	78	84	86	83	81	82	84	87
Sound power level in heating	(6)(8)	dB(A)	66	68	70	66	76	79	80	79	76
Sound power level in heating	(6)(9)	dB(A)	74	78	84	86	83	81	82	84	87
SIZE AND WEIGHT											
A	(10)	mm	1500	1500	2480	2480	2480	2480	2480	2980	2980
B	(10)	mm	900	900	1100	1100	1100	1100	1100	1100	1260
H	(10)	mm	1910	1910	2100	2100	2100	2100	2100	2100	2100
Operating weight	(10)	kg	480	490	820	830	860	920	920	940	1090

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

6 Total sound power of fans, as declared by the manufacturer, at the rated speed of rotation and a nominal available static pressure on the delivery side.

7 Sound power level in cooling, indoors.

8 Sound power level in heating, indoors.

9 Sound power level in heating, outdoors.

10 Unit in standard configuration, without optional accessories.

- Not available

Data certified in EUROVENT

GENERAL TECHNICAL DATA

NX-CN /A

[SI System]

NX-CN /A		0352	0402	0452	0502	0552	0602	0702	0524	0604	0704
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	400/3/50	400/3/50
PERFORMANCE											
COOLING ONLY (GROSS VALUE)											
Cooling capacity	(1)	kW	85,95	94,75	108,3	122,0	136,6	152,7	173,7	124,8	144,3
Total power input	(1)	kW	30,07	34,11	37,83	42,16	49,13	57,38	65,69	44,80	53,22
EER	(1)	kW/kW	2,854	2,780	2,865	2,891	2,782	2,660	2,644	2,786	2,712
COOLING ONLY (EN14511 VALUE)											
Cooling capacity	(1)(2)	kW	85,90	94,70	108,2	121,9	136,5	152,5	173,6	124,6	144,2
EER	(1)(2)	kW/kW	3,070	2,980	3,080	3,110	2,960	2,840	2,810	2,960	2,880
HEATING ONLY (GROSS VALUE)											
Total heating capacity	(3)	kW	90,06	103,0	115,8	131,7	147,5	164,0	186,8	134,8	156,8
Total power input	(3)	kW	30,96	35,46	39,18	43,61	50,12	58,64	66,59	45,69	54,18
COP	(3)	kW/kW	2,906	2,901	2,954	3,021	2,944	2,799	2,805	2,950	2,893
HEATING ONLY (EN14511 VALUE)											
Total heating capacity	(3)(2)	kW	90,20	103,2	115,9	131,8	147,7	164,2	187,1	135,0	157,1
COP	(3)(2)	kW/kW	3,120	3,110	3,180	3,240	3,140	2,980	2,980	3,140	3,070
COOLING WITH PARTIAL RECOVERY											
Cooling capacity	(4)	kW	89,17	98,30	112,3	126,6	141,7	158,4	180,3	129,4	149,8
Total power input	(4)	kW	29,12	33,05	36,63	40,82	47,57	55,63	63,70	43,36	51,54
Desuperheater heating capacity	(4)	kW	24,32	27,15	30,63	34,06	39,68	44,63	50,82	36,60	42,90
EXCHANGERS											
HEAT EXCHANGER USER SIDE IN COOLING											
Water flow	(1)	l/s	4,110	4,531	5,178	5,835	6,532	7,301	8,308	5,966	6,903
Pressure drop at the heat exchanger	(1)	kPa	13,8	13,3	13,9	13,5	14,4	15,1	15,7	19,6	19,7
HEAT EXCHANGER USER SIDE IN HEATING											
Water flow	(3)	l/s	4,347	4,974	5,589	6,356	7,120	7,918	9,019	6,508	7,570
Pressure drop at the heat exchanger	(3)	kPa	15,4	16,0	16,2	16,1	17,1	17,8	18,4	23,3	23,7
PARTIAL RECOVERY USER SIDE IN REFRIGERATION											
Water flow	(4)	l/s	1,174	1,311	1,478	1,644	1,915	2,154	2,453	1,767	2,071
Pressure drop at the heat exchanger	(4)	kPa	10,1	12,6	9,46	11,7	10,5	13,3	12,8	16,8	23,1
REFRIGERANT CIRCUIT											
Compressors nr.		N°	2	2	2	2	2	2	2	4	4
Number of capacity steps		N°	2	2	2	2	2	2	2	4	4
No. Circuits		N°	1	1	1	1	1	1	1	2	2
Regulation			STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS	STEPS
Min. capacity step		%	50	50	50	50	50	50	50	25	25
Refrigerant			R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant charge		kg	31,1	32,2	37,7	38,9	39,9	49,0	56,9	43,0	48,4
Oil charge		kg	8,90	10,3	12,6	15,0	14,4	13,9	13,9	14,3	14,9
Rc (ASHRAE)	(5)	kg/kW	0,37	0,34	0,35	0,32	0,30	0,32	0,33	0,35	0,34
FANS											
Quantity		N°	3	3	4	4	4	6	6	4	4
Air flow		m³/s	9,72	11,11	12,50	13,33	14,44	16,94	18,61	13,06	15,56
Available static pressure		Pa	120	120	120	120	120	120	120	120	120
Fans power input		kW	0,94	1,23	0,88	1,00	1,17	1,23	1,46	0,95	1,29
NOISE LEVEL											
Sound power level in cooling	(6)(7)	dB(A)	82	85	83	84	86	91	93	84	87
Sound power level in heating	(6)(8)	dB(A)	78	79	79	80	81	82	85	81	85
Sound power level in heating	(6)(9)	dB(A)	82	85	83	84	86	91	93	84	87
SIZE AND WEIGHT											
A	(10)	mm	2980	2980	3970	3970	3970	4670	5670	3970	4670
B	(10)	mm	1260	1260	1260	1260	1260	1260	1260	1260	1260
H	(10)	mm	2100	2100	2100	2100	2100	2100	2100	2100	2100
Operating weight	(10)	kg	1230	1320	1610	1630	1650	1880	2120	1610	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

6 Total sound power of fans, as declared by the manufacturer, at the rated speed of rotation and a nominal available static pressure on the delivery side.

7 Sound power level in cooling, indoors.

8 Sound power level in heating, indoors.

9 Sound power level in heating, outdoors.

10 Unit in standard configuration, without optional accessories.

- Not available

Data certified in EUROVENT

GENERAL TECHNICAL DATA

NX-CN /A

[SI System]

NX-CN /A		0804	0904	1004
Power supply		V/ph/Hz	400/3/50	400/3/50
PERFORMANCE				
COOLING ONLY (GROSS VALUE)				
Cooling capacity	(1)	kW	187,2	216,9
Total power input	(1)	kW	68,64	77,49
EER	(1)	kW/kW	2,729	2,799
COOLING ONLY (EN14511 VALUE)				
Cooling capacity	(1)(2)	kW	186,9	216,6
EER	(1)(2)	kW/kW	2,900	2,970
HEATING ONLY (GROSS VALUE)				
Total heating capacity	(3)	kW	199,6	230,8
Total power input	(3)	kW	69,15	78,49
COP	(3)	kW/kW	2,889	2,940
HEATING ONLY (EN14511 VALUE)				
Total heating capacity	(3)(2)	kW	199,9	231,2
COP	(3)(2)	kW/kW	3,080	3,120
COOLING WITH PARTIAL RECOVERY				
Cooling capacity	(4)	kW	194,2	225,1
Total power input	(4)	kW	66,44	75,03
Desuperheater heating capacity	(4)	kW	56,13	62,74
EXCHANGERS				
HEAT EXCHANGER USER SIDE IN COOLING				
Water flow	(1)	l/s	8,952	10,37
Pressure drop at the heat exchanger	(1)	kPa	19,9	20,4
HEAT EXCHANGER USER SIDE IN HEATING				
Water flow	(3)	l/s	9,635	11,14
Pressure drop at the heat exchanger	(3)	kPa	23,1	23,5
PARTIAL RECOVERY USER SIDE IN REFRIGERATION				
Water flow	(4)	l/s	2,709	3,029
Pressure drop at the heat exchanger	(4)	kPa	26,9	19,7
REFRIGERANT CIRCUIT				
Compressors nr.		N°	4	4
Number of capacity steps		N°	4	4
No. Circuits		N°	2	2
Regulation		STEPS	STEPS	STEPS
Min. capacity step		%	25	25
Refrigerant		R410A	R410A	R410A
Refrigerant charge		kg	66,3	71,0
Oil charge		kg	20,5	25,2
Rc (ASHRAE)	(5)	kg/kW	0,36	0,32
FANS				
Quantity		N°	6	6
Air flow		m³/s	19,72	21,94
Available static pressure		Pa	120	120
Fans power input		kW	0,96	1,20
NOISE LEVEL				
Sound power level in cooling	(6)(7)	dB(A)	86	88
Sound power level in heating	(6)(8)	dB(A)	81	88
Sound power level in heating	(6)(9)	dB(A)	86	88
SIZE AND WEIGHT				
A	(10)	mm	5670	5670
B	(10)	mm	1260	1260
H	(10)	mm	2100	2100
Operating weight	(10)	kg	2460	2550

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

6 Total sound power of fans, as declared by the manufacturer, at the rated speed of rotation and a nominal available static pressure on the delivery side.

7 Sound power level in cooling, indoors.

8 Sound power level in heating, indoors.

9 Sound power level in heating, outdoors.

10 Unit in standard configuration, without optional accessories.

- Not available

Data certified in EUROVENT

GENERAL TECHNICAL DATA

FANS PERFORMANCES (1)

VER.	SIZE	FANS N.	TOTAL AIR FLOW [m³/h]	DESCRIPTION											
/K	0072	1	7500	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	0,62	0,69	0,76	0,84	0,91	0,99	1,07	1,15	1,23	1,32
				Sound power level	dB(A)	84	83	83	83	83	83	83	83	83	83
				Fans speed	r.p.m	1147	1173	1199	1225	1251	1276	1301	1326	1350	1375
/K	0092	1	9000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	1,03	1,11	1,20	1,29	1,38	1,47	1,56	1,65	1,74	1,84
				Sound power level	dB(A)	88	88	87	88	88	88	88	88	88	88
				Fans speed	r.p.m	1366	1388	1410	1432	1453	1475	1496	1517	1538	1559
/K	0102	1	12000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	0,56	0,67	0,79	0,90	1,02	1,15	1,27	1,41	1,54	1,68
				Sound power level	dB(A)	78	77	77	78	78	78	78	78	79	79
				Fans speed	r.p.m	852	881	911	939	968	996	1023	1050	1077	1104
/K	0122	1	12500	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	0,63	0,74	0,86	0,98	1,10	1,23	1,36	1,49	1,63	1,77
				Sound power level	dB(A)	78	78	78	79	79	79	79	79	79	80
				Fans speed	r.p.m	884	913	941	969	996	1023	1050	1076	1102	1128
/K	0152	2	16000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	1,42	1,57	1,73	1,88	2,04	2,20	2,37	2,54	2,71	2,88
				Sound power level	dB(A)	88	88	88	88	87	87	87	87	87	87
				Fans speed	r.p.m	1210	1235	1260	1284	1308	1332	1356	1380	1403	1426
/K	0182	2	19500	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	1,53	1,71	1,89	2,07	2,26	2,45	2,65	2,85	3,05	3,26
				Sound power level	dB(A)	85	85	85	85	86	86	86	86	86	86
				Fans speed	r.p.m	1154	1181	1207	1233	1259	1284	1309	1334	1359	1383
/K	0202	2	20500	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	1,76	1,94	2,13	2,32	2,52	2,72	2,92	3,13	3,34	3,56
				Sound power level	dB(A)	86	86	86	86	87	87	87	87	87	87
				Fans speed	r.p.m	1210	1236	1261	1286	1310	1335	1359	1383	1406	1430
/K	0232	2	21500	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	2,01	2,20	2,40	2,60	2,80	3,01	3,22	3,44	3,65	3,88
				Sound power level	dB(A)	87	87	87	87	88	88	88	88	88	88
				Fans speed	r.p.m	1267	1291	1315	1339	1362	1386	1409	1432	1455	1477
/K	0272	2	27000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	1,63	1,87	2,12	2,38	2,65	2,92	3,20	3,49	3,78	4,07
				Sound power level	dB(A)	83	83	83	83	83	83	83	84	84	84
				Fans speed	r.p.m	960	987	1013	1039	1064	1090	1114	1139	1163	1187
/K	0302	3	29000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	2,46	2,72	3,00	3,28	3,56	3,85	4,15	4,46	4,76	5,08
				Sound power level	dB(A)	87	87	87	87	87	87	87	87	88	88
				Fans speed	r.p.m	1167	1193	1220	1246	1271	1297	1322	1347	1371	1396
/K	0352	3	32000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	3,23	3,52	3,82	4,12	4,43	4,75	5,07	5,40	5,73	6,06
				Sound power level	dB(A)	89	89	89	89	89	89	89	89	90	90
				Fans speed	r.p.m	1281	1306	1330	1353	1377	1400	1423	1446	1469	1491
/K	0402	3	38000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	2,23	2,58	2,94	3,32	3,70	4,10	4,50	4,92	5,34	5,77
				Sound power level	dB(A)	83	83	83	84	84	84	84	84	85	85
				Fans speed	r.p.m	919	947	974	1001	1028	1054	1080	1106	1132	1157
/K	0452	3	40000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	2,55	2,92	3,30	3,69	4,09	4,50	4,92	5,35	5,79	6,23
				Sound power level	dB(A)	85	85	85	85	85	85	85	85	85	86
				Fans speed	r.p.m	964	990	1017	1042	1068	1093	1118	1143	1167	1191
/K	0502	4	45000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	4,73	5,14	5,55	5,97	6,39	6,83	7,27	7,72	8,17	8,63
				Sound power level	dB(A)	91	91	91	91	92	92	92	92	92	92
				Fans speed	r.p.m	1333	1356	1379	1402	1424	1447	1469	1491	1513	1534

Notes:

(1) For higher external static pressure please contact our Sales Department



GENERAL TECHNICAL DATA

FANS PERFORMANCES (1)

VER.	SIZE	FANS N.	TOTAL AIR FLOW [m³/h]	DESCRIPTION											
/K	0552	4	50000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	6,38	6,82	7,27	7,73	8,20	8,67	9,15	9,64	10,13	10,63
				Sound power level	dB(A)	94	94	94	94	94	94	94	94	94	94
				Fans speed	r.p.m	1476	1497	1517	1538	1558	1579	1599	1619	1639	1658
/K	0602	4	57000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	4,09	4,62	5,15	5,70	6,27	6,84	7,43	8,03	8,64	9,26
				Sound power level	dB(A)	87	87	87	88	88	88	88	88	88	88
				Fans speed	r.p.m	1027	1052	1076	1101	1125	1149	1172	1196	1219	1242
/K	0702	6	65000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	6,75	7,34	7,94	8,56	9,19	9,83	10,48	11,14	11,81	12,49
				Sound power level	dB(A)	92	92	92	92	93	93	93	93	93	93
				Fans speed	r.p.m	1301	1324	1348	1371	1395	1418	1440	1463	1485	1507
/K	0524	4	47000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	5,35	5,77	6,20	6,63	7,08	7,53	7,98	8,45	8,92	9,39
				Sound power level	dB(A)	92	92	92	92	93	93	93	93	93	93
				Fans speed	r.p.m	1390	1412	1434	1456	1478	1499	1520	1542	1563	1583
/K	0604	4	55000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	3,72	4,22	4,74	5,28	5,83	6,39	6,96	7,54	8,14	8,74
				Sound power level	dB(A)	86	86	86	87	87	87	87	87	87	88
				Fans speed	r.p.m	993	1019	1044	1069	1094	1119	1143	1167	1191	1214
/K	0704	6	64000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	6,46	7,05	7,64	8,25	8,87	9,50	10,14	10,79	11,46	12,13
				Sound power level	dB(A)	92	92	92	94	94	94	94	94	94	94
				Fans speed	r.p.m	1281	1306	1330	1353	1377	1400	1423	1446	1469	1491
/K	0804	6	70000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	8,31	8,95	9,59	10,25	10,92	11,60	12,29	12,98	13,69	14,41
				Sound power level	dB(A)	94	94	94	94	94	94	94	94	94	94
				Fans speed	r.p.m	1397	1419	1441	1463	1484	1506	1527	1548	1569	1590
/K	0904	6	81000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	5,28	6,03	6,80	7,58	8,39	9,22	10,07	10,93	11,81	12,71
				Sound power level	dB(A)	88	88	88	88	88	88	88	88	89	89
				Fans speed	r.p.m	975	1001	1027	1053	1078	1103	1128	1152	1176	1200
/K	1004	6	87000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	6,40	7,20	8,02	8,85	9,71	10,58	11,48	12,38	13,31	14,25
				Sound power level	dB(A)	89	89	89	90	90	90	90	90	90	90
				Fans speed	r.p.m	1043	1067	1092	1116	1139	1163	1186	1209	1232	1254
/K	1104	6	87000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	7,24	8,06	8,90	9,76	10,63	11,52	11,52	13,36	14,30	/
				Sound power level	dB(A)	89	89	89	90	90	90	90	90	90	/
				Fans speed	r.p.m	1069	1093	1117	1141	1164	1187	1187	1233	1256	/

Notes:

(1) For higher external static pressure please contact our Sales Department



GENERAL TECHNICAL DATA

FANS PERFORMANCES (1)

VER.	SIZE	FANS N.	TOTAL AIR FLOW [m³/h]	DESCRIPTION											
/SL-K	0072	2	6500	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	0,18	0,26	0,34	0,42	0,51	0,60	0,70	0,79	0,90	1,00
				Sound power level	dB(A)	68	68	68	68	71	73	74	75	76	77
				Fans speed	r.p.m	572	628	680	731	779	826	871	914	956	997
/SL-K	0092	2	7500	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	0,26	0,34	0,42	0,52	0,61	0,71	0,82	0,92	1,03	1,14
				Sound power level	dB(A)	70	70	70	70	73	74	75	76	77	77
				Fans speed	r.p.m	643	692	739	785	829	871	912	953	992	1030
/SL-K	0102	2	8000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	0,25	0,34	0,42	0,52	0,62	0,72	0,82	0,93	1,04	1,16
				Sound power level	dB(A)	72	72	72	72	74	74	75	76	77	77
				Fans speed	r.p.m	652	700	745	789	832	874	914	953	991	1028
/SL-K	0122	2	8500	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	0,29	0,38	0,47	0,57	0,67	0,78	0,88	1,00	1,11	1,23
				Sound power level	dB(A)	73	73	73	73	75	75	76	76	77	78
				Fans speed	r.p.m	687	732	775	817	858	898	937	974	1011	1047
/SL-K	0152	2	13000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	0,52	0,64	0,77	0,91	1,05	1,19	1,34	1,50	1,66	1,82
				Sound power level	dB(A)	76	76	76	76	77	78	78	79	79	80
				Fans speed	r.p.m	792	831	870	907	943	979	1013	1047	1081	1114
/SL-K	0182	3	16000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	0,52	0,68	0,85	1,03	1,22	1,42	1,62	1,84	2,05	2,28
				Sound power level	dB(A)	74	74	74	74	76	77	78	78	79	80
				Fans speed	r.p.m	679	725	770	813	855	896	935	974	1011	1048
/SL-K	0202	3	17500	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	0,65	0,82	1,00	1,19	1,39	1,60	1,82	2,04	2,27	2,50
				Sound power level	dB(A)	76	76	76	76	77	78	79	79	80	80
				Fans speed	r.p.m	734	777	818	858	897	936	973	1009	1045	1079
/SL-K	0232	3	18500	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	0,75	0,93	1,12	1,31	1,52	1,73	1,96	2,18	2,42	2,66
				Sound power level	dB(A)	77	77	77	77	78	79	79	80	80	81
				Fans speed	r.p.m	771	811	851	889	927	963	999	1034	1069	1102
/SL-K	0272	3	22000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	1,10	1,31	1,52	1,74	1,97	2,21	2,45	2,70	2,96	3,22
				Sound power level	dB(A)	81	81	81	81	81	82	82	82	83	83
				Fans speed	r.p.m	890	925	959	993	1025	1058	1089	1120	1151	1181
/SL-K	0302	3	23000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	0,64	0,87	1,12	1,38	1,66	1,94	2,24	2,54	2,86	3,18
				Sound power level	dB(A)	73	73	74	74	75	76	77	78	79	80
				Fans speed	r.p.m	587	632	674	716	756	795	832	869	905	940
/SL-K	0352	3	25000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	0,78	1,02	1,29	1,56	1,85	2,15	2,46	2,78	3,11	3,45
				Sound power level	dB(A)	74	75	75	76	76	77	78	79	80	80
				Fans speed	r.p.m	630	672	711	750	788	825	860	895	929	963
/SL-K	0402	4	29000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	1,11	1,39	1,68	1,99	2,31	2,64	2,97	3,32	3,68	4,05
				Sound power level	dB(A)	78	78	78	79	79	79	80	80	81	82
				Fans speed	r.p.m	718	754	789	823	857	890	922	953	984	1015
/SL-K	0452	4	31000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	0,88	1,19	1,52	1,87	2,24	2,63	3,02	3,44	3,86	4,29
				Sound power level	dB(A)	74	74	75	75	77	78	79	79	80	81
				Fans speed	r.p.m	593	637	680	720	760	799	836	873	908	943
/SL-K	0502	4	39000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	1,52	1,90	2,29	2,70	3,13	3,57	4,02	4,49	4,97	5,46
				Sound power level	dB(A)	79	79	79	80	80	81	81	82	82	83
				Fans speed	r.p.m	724	760	795	829	862	895	927	958	989	1019

Notes:

(1) For higher external static pressure please contact our Sales Department



GENERAL TECHNICAL DATA

FANS PERFORMANCES (1)

VER.	SIZE	FANS N.	TOTAL AIR FLOW [m³/h]	DESCRIPTION											
/SL-K	0552	4	42000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	1,83	2,23	2,65	3,08	3,53	3,99	4,47	4,96	5,46	5,97
				Sound power level	dB(A)	81	81	81	82	82	82	82	83	83	84
				Fans speed	r.p.m	774	807	840	872	903	934	964	994	1023	1052
/SL-K	0602	6	44000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	2,33	2,75	3,18	3,63	4,09	4,57	5,06	5,57	6,09	6,62
				Sound power level	dB(A)	84	84	84	84	85	85	85	85	86	86
				Fans speed	r.p.m	901	936	970	1003	1036	1068	1099	1130	1161	1191
/SL-K	0702	6	50000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	3,10	3,56	4,03	4,52	5,02	5,54	6,07	6,61	7,17	7,74
				Sound power level	dB(A)	86	86	86	86	87	87	87	88	88	88
				Fans speed	r.p.m	1002	1033	1063	1093	1123	1152	1180	1209	1236	1264
/SL-K	0524	4	40000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	1,77	2,16	2,57	2,99	3,43	3,88	4,35	4,83	5,32	5,82
				Sound power level	dB(A)	80	80	80	81	81	81	82	82	83	83
				Fans speed	r.p.m	754	789	823	856	888	920	951	982	1012	1041
/SL-K	0604	4	44000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	1,90	2,31	2,74	3,18	3,64	4,11	4,60	5,09	5,60	6,13
				Sound power level	dB(A)	82	82	82	82	82	82	83	83	84	84
				Fans speed	r.p.m	794	827	858	889	920	949	979	1008	1036	1064
/SL-K	0704	6	50000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	1,56	2,05	2,57	3,13	3,70	4,30	4,92	5,56	6,22	6,90
				Sound power level	dB(A)	77	78	78	79	79	80	81	82	83	83
				Fans speed	r.p.m	630	672	711	750	788	825	860	895	929	963
/SL-K	0804	6	54000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	1,87	2,39	2,95	3,53	4,14	4,76	5,41	6,08	6,77	7,48
				Sound power level	dB(A)	79	79	79	80	81	81	82	83	83	84
				Fans speed	r.p.m	674	712	750	786	822	856	890	923	956	988
/SL-K	0904	6	69000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	3,46	4,10	4,78	5,47	6,19	6,93	7,68	8,46	9,25	10,06
				Sound power level	dB(A)	84	84	84	85	85	85	85	86	86	87
				Fans speed	r.p.m	840	871	901	930	959	988	1016	1044	1071	1098
/SL-K	1004	6	71000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	3,72	4,39	5,08	5,79	6,52	7,27	8,04	8,83	9,64	10,47
				Sound power level	dB(A)	85	85	85	86	86	86	86	86	87	87
				Fans speed	r.p.m	862	892	922	950	979	1007	1034	1061	1088	1115

Notes:

(1) For higher external static pressure please contact our Sales Department



GENERAL TECHNICAL DATA

FANS PERFORMANCES (1)

VER.	SIZE	FANS N.	TOTAL AIR FLOW [m³/h]	DESCRIPTION											
/A	0072	2	9000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	0,40	0,49	0,59	0,70	0,80	0,92	1,03	1,15	1,27	1,40
				Sound power level	dB(A)	74	74	74	74	76	76	77	77	78	79
				Fans speed	r.p.m	752	794	834	874	912	949	986	1022	1057	1091
/A	0092	2	10500	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	0,59	0,70	0,81	0,93	1,05	1,17	1,30	1,43	1,56	1,70
				Sound power level	dB(A)	78	78	78	78	79	79	79	80	80	80
				Fans speed	r.p.m	863	899	934	969	1003	1036	1069	1101	1133	1164
/A	0102	2	13500	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	0,96	1,09	1,22	1,36	1,50	1,65	1,79	1,94	2,10	2,25
				Sound power level	dB(A)	84	84	84	84	84	84	84	84	84	84
				Fans speed	r.p.m	1045	1075	1103	1132	1160	1187	1215	1241	1268	1294
/A	0122	2	15000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	1,28	1,42	1,57	1,72	1,87	2,03	2,19	2,35	2,52	2,68
				Sound power level	dB(A)	87	86	86	86	86	86	86	86	86	86
				Fans speed	r.p.m	1155	1181	1207	1233	1259	1284	1309	1333	1358	1382
/A	0152	2	17500	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	1,14	1,30	1,46	1,63	1,80	1,98	2,16	2,35	2,54	2,73
				Sound power level	dB(A)	83	83	83	83	83	83	84	84	84	84
				Fans speed	r.p.m	1042	1071	1100	1129	1158	1185	1213	1240	1267	1294
/A	0182	3	22000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	1,17	1,37	1,59	1,81	2,05	2,29	2,53	2,78	3,04	3,31
				Sound power level	dB(A)	81	81	81	81	82	82	82	82	83	83
				Fans speed	r.p.m	901	936	970	1003	1036	1068	1099	1130	1161	1191
/A	0202	3	23500	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	1,39	1,61	1,84	2,07	2,32	2,57	2,82	3,09	3,36	3,63
				Sound power level	dB(A)	82	82	82	82	83	83	83	84	84	84
				Fans speed	r.p.m	958	990	1022	1054	1085	1115	1145	1174	1203	1232
/A	0232	3	25000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	1,64	1,87	2,11	2,36	2,61	2,88	3,14	3,42	3,70	3,98
				Sound power level	dB(A)	83	83	83	83	84	84	84	85	85	85
				Fans speed	r.p.m	1015	1045	1075	1105	1134	1163	1192	1220	1247	1275
/A	0272	3	29000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	2,32	2,58	2,85	3,13	3,41	3,70	3,99	4,30	4,60	4,91
				Sound power level	dB(A)	87	87	87	87	87	87	87	87	88	88
				Fans speed	r.p.m	1153	1179	1206	1232	1258	1283	1309	1334	1358	1383
/A	0302	3	33000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	1,54	1,85	2,18	2,51	2,86	3,22	3,59	3,96	4,35	4,74
				Sound power level	dB(A)	80	80	80	81	81	81	82	82	83	83
				Fans speed	r.p.m	807	838	870	901	931	960	990	1018	1047	1074
/A	0352	3	35000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	1,79	2,12	2,46	2,81	3,18	3,55	3,93	4,32	4,72	5,13
				Sound power level	dB(A)	82	82	82	82	82	82	83	83	83	84
				Fans speed	r.p.m	851	881	911	940	969	997	1025	1053	1080	1106
/A	0402	4	42000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	2,55	2,92	3,30	3,69	4,09	4,50	4,92	5,35	5,79	6,23
				Sound power level	dB(A)	85	85	85	85	85	85	85	85	85	86
				Fans speed	r.p.m	964	990	1017	1042	1068	1093	1118	1143	1167	1191
/A	0452	4	45000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	2,19	2,61	3,05	3,51	3,98	4,46	4,96	5,47	5,99	6,53
				Sound power level	dB(A)	82	82	82	83	83	83	83	84	84	84
				Fans speed	r.p.m	824	855	886	916	946	975	1004	1032	1060	1087
/A	0502	4	48000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	2,59	3,04	3,50	3,98	4,47	4,98	5,50	6,03	6,58	7,13
				Sound power level	dB(A)	83	83	84	84	84	84	84	85	85	85
				Fans speed	r.p.m	875	904	933	961	989	1017	1044	1071	1097	1124

Notes:

(1) For higher external static pressure please contact our Sales Department



GENERAL TECHNICAL DATA

FANS PERFORMANCES (1)

VER.	SIZE	FANS N.	TOTAL AIR FLOW [m³/h]	DESCRIPTION											
/A	0552	4	52000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	3,20	3,68	4,18	4,69	5,21	5,75	6,30	6,86	7,43	8,02
				Sound power level	dB(A)	85	85	85	86	86	86	86	86	86	87
				Fans speed	r.p.m	942	969	996	1023	1049	1075	1100	1125	1150	1175
/A	0602	6	61000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	5,65	6,21	6,78	7,36	7,96	8,57	9,19	9,81	10,46	11,11
				Sound power level	dB(A)	91	91	91	91	91	91	91	91	92	92
				Fans speed	r.p.m	1224	1249	1274	1299	1324	1348	1372	1396	1420	1443
/A	0702	6	67000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	6,94	7,54	8,15	8,77	9,41	10,06	10,71	11,38	12,06	12,75
				Sound power level	dB(A)	94	93	93	93	93	93	93	93	93	93
				Fans speed	r.p.m	1323	1346	1369	1392	1415	1437	1460	1482	1504	1525
/A	0524	4	47000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	2,45	2,89	3,35	3,82	4,30	4,80	5,32	5,84	6,38	6,92
				Sound power level	dB(A)	83	83	83	84	84	84	84	84	85	85
				Fans speed	r.p.m	858	888	917	946	975	1003	1030	1058	1085	1111
/A	0604	4	56000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	3,59	4,09	4,61	5,15	5,70	6,26	6,83	7,41	8,01	8,61
				Sound power level	dB(A)	87	87	87	87	87	87	87	87	87	88
				Fans speed	r.p.m	994	1019	1045	1070	1094	1119	1143	1167	1190	1214
/A	0704	6	71000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	3,72	4,39	5,08	5,79	6,52	7,27	8,04	8,83	9,64	10,47
				Sound power level	dB(A)	85	85	85	86	86	86	86	86	87	87
				Fans speed	r.p.m	862	892	922	950	979	1007	1034	1061	1088	1115
/A	0804	6	71000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	3,72	4,39	5,08	5,79	6,52	7,27	8,04	8,83	9,64	10,47
				Sound power level	dB(A)	85	85	85	86	86	86	86	86	87	87
				Fans speed	r.p.m	862	892	922	950	979	1007	1034	1061	1088	1115
/A	0904	6	79000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	4,94	5,67	6,42	7,19	7,99	8,80	9,63	10,48	11,35	12,23
				Sound power level	dB(A)	87	87	87	88	88	88	88	88	88	89
				Fans speed	r.p.m	952	979	1006	1032	1058	1084	1109	1134	1158	1183
/A	1004	6	79000	External static pressure	Pa	30	60	90	120	150	180	210	240	270	300
				TOT fans power input	kW	4,94	5,67	6,42	7,19	7,99	8,80	9,63	10,48	11,35	12,23
				Sound power level	dB(A)	87	87	87	88	88	88	88	88	88	89
				Fans speed	r.p.m	952	979	1006	1032	1058	1084	1109	1134	1158	1183

Notes:

(1) For higher external static pressure please contact our Sales Department



6.1 TECHNICAL DATA SEASONAL EFFICIENCY IN HEATING (EN14825 VALUE)

NX-CN /K

[SI System]

NX-CN /K - LOW TEMPERATURE application			0072	0092	0102	0122	0152	0182
Power supply			(V/ph/Hz)	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
WEATHER CONDITIONS - AVERAGE								
Rated heat output at Tdesignh	(1)(2)	kW	14	17	20	23	30	35
Bivalent temperature	(1)(2)	°C	-7	-7	-7	-7	-7	-7
SCOP	(1)(2)		3,77	3,73	4,16	4,15	3,89	3,93
Seasonal space heating energy efficiency	(1)(2)	%	148	146	164	163	153	154
Seasonal space heating energy efficiency class	(1)(2)		A+	A+	A++	A++	A++	A++

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

2 Tipo di calcolo con portata variabile e temperatura variabile.

Data certified in EUROVENT

NX-CN /K - LOW TEMPERATURE application			0202	0232	0272	0302	0352	0402
Power supply			(V/ph/Hz)	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
WEATHER CONDITIONS - AVERAGE								
Rated heat output at Tdesignh	(1)(2)	kW	41	45	52	58	65	74
Bivalent temperature	(1)(2)	°C	-7	-7	-7	-7	-7	-7
SCOP	(1)(2)		3,89	3,91	4,08	3,76	3,75	3,80
Seasonal space heating energy efficiency	(1)(2)	%	153	153	160	147	147	149
Seasonal space heating energy efficiency class	(1)(2)		A++	A++	A++	A+	A+	-

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

2 Tipo di calcolo con portata variabile e temperatura variabile.

Data certified in EUROVENT

NX-CN /K - LOW TEMPERATURE application			0452	0502	0552	0602	0702	0524
Power supply			(V/ph/Hz)	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
WEATHER CONDITIONS - AVERAGE								
Rated heat output at Tdesignh	(1)(2)	kW	83	95	107	119	137	99
Bivalent temperature	(1)(2)	°C	-7	-7	-7	-7	-7	-7
SCOP	(1)(2)		3,87	3,75	3,72	3,73	3,77	3,99
Seasonal space heating energy efficiency	(1)(2)	%	152	147	146	146	148	157
Seasonal space heating energy efficiency class	(1)(2)		-	-	-	-	-	-

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

2 Tipo di calcolo con portata variabile e temperatura variabile.

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

NX-CN /K

[SI System]

NX-CN /K - LOW TEMPERATURE application			0604	0704	0804	0904	1004	1104
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 - AVERAGE								
Rated heat output at Tdesignh	(1)(2)	kW	115	132	145	168	186	206
Bivalent temperature	(1)(2)	°C	-7	-7	-7	-7	-7	-7
SCOP	(1)(2)		4,03	4,02	3,85	4,12	4,09	4,05
Seasonal space heating energy efficiency	(1)(2)	%	158	158	151	162	161	159
Seasonal space heating energy efficiency class	(1)(2)		-	-	-	-	-	-

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

2 Tipo di calcolo con portata variabile e temperatura variabile.

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

NX-CN /SL-K

[SI System]

NX-CN /SL-K - LOW TEMPERATURE application			0072	0092	0102	0122	0152	0182
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 - AVERAGE								
Rated heat output at Tdesignh	(1)(2)	kW	14	17	19	22	30	35
Bivalent temperature	(1)(2)	°C	-7	-7	-7	-7	-7	-7
SCOP	(1)(2)		4,09	4,10	4,16	4,20	4,07	4,19
Seasonal space heating energy efficiency	(1)(2)	%	161	161	163	165	160	165
Seasonal space heating energy efficiency class	(1)(2)		A++	A++	A++	A++	A++	A++

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

2 Tipo di calcolo con portata variabile e temperatura variabile.

Data certified in EUROVENT

NX-CN /SL-K - LOW TEMPERATURE application			0202	0232	0272	0302	0352	0402
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 - AVERAGE								
Rated heat output at Tdesignh	(1)(2)	kW	40	45	51	57	64	72
Bivalent temperature	(1)(2)	°C	-7	-7	-7	-7	-7	-7
SCOP	(1)(2)		4,16	4,21	4,09	3,91	3,97	3,80
Seasonal space heating energy efficiency	(1)(2)	%	163	165	161	153	156	149
Seasonal space heating energy efficiency class	(1)(2)		A++	A++	A++	A++	A++	-

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

2 Tipo di calcolo con portata variabile e temperatura variabile.

Data certified in EUROVENT

NX-CN /SL-K - LOW TEMPERATURE application			0452	0502	0552	0602	0702	0524
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 - AVERAGE								
Rated heat output at Tdesignh	(1)(2)	kW	81	94	105	116	133	97
Bivalent temperature	(1)(2)	°C	-7	-7	-7	-7	-7	-7
SCOP	(1)(2)		3,93	3,97	4,03	3,75	3,89	4,10
Seasonal space heating energy efficiency	(1)(2)	%	154	156	158	147	152	161
Seasonal space heating energy efficiency class	(1)(2)		-	-	-	-	-	-

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

2 Tipo di calcolo con portata variabile e temperatura variabile.

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

NX-CN /SL-K

[SI System]

NX-CN /SL-K - LOW TEMPERATURE application			0604	0704	0804	0904	1004
Power supply	(V/ph/Hz)		400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
WEATHER CONDITIONS - AVERAGE							
Rated heat output at Tdesignh	(1)(2)	kW	112	128	140	165	180
Bivalent temperature	(1)(2)	°C	-7	-7	-7	-7	-7
SCOP	(1)(2)		3,99	4,12	3,92	4,08	4,03
Seasonal space heating energy efficiency	(1)(2)	%	156	162	154	160	158
Seasonal space heating energy efficiency class	(1)(2)		-	-	-	-	-

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

2 Tipo di calcolo con portata variabile e temperatura variabile.

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

NX-CN /A

[SI System]

NX-CN /A - LOW TEMPERATURE application			0072	0092	0102	0122	0152	0182
Power supply			(V/ph/Hz)	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
WEATHER CONDITIONS - AVERAGE								
Rated heat output at Tdesignh	(1)(2)	kW	14	17	20	23	31	36
Bivalent temperature	(1)(2)	°C	-7	-7	-7	-7	-7	-7
SCOP	(1)(2)		4,15	4,05	4,06	4,01	4,02	4,11
Seasonal space heating energy efficiency	(1)(2)	%	163	159	160	157	158	161
Seasonal space heating energy efficiency class	(1)(2)		A++	A++	A++	A++	A++	A++

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

2 Tipo di calcolo con portata variabile e temperatura variabile.

Data certified in EUROVENT

NX-CN /A - LOW TEMPERATURE application			0202	0232	0272	0302	0352	0402
Power supply			(V/ph/Hz)	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
WEATHER CONDITIONS - AVERAGE								
Rated heat output at Tdesignh	(1)(2)	kW	41	46	52	59	66	75
Bivalent temperature	(1)(2)	°C	-7	-7	-7	-7	-7	-7
SCOP	(1)(2)		4,07	4,08	3,99	3,94	3,97	3,80
Seasonal space heating energy efficiency	(1)(2)	%	160	160	156	155	156	149
Seasonal space heating energy efficiency class	(1)(2)		A++	A++	A++	A++	A++	-

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

2 Tipo di calcolo con portata variabile e temperatura variabile.

Data certified in EUROVENT

NX-CN /A - LOW TEMPERATURE application			0452	0502	0552	0602	0702	0524
Power supply			(V/ph/Hz)	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
WEATHER CONDITIONS - AVERAGE								
Rated heat output at Tdesignh	(1)(2)	kW	84	96	108	120	137	100
Bivalent temperature	(1)(2)	°C	-7	-7	-7	-7	-7	-7
SCOP	(1)(2)		3,97	3,97	4,01	3,68	3,76	4,15
Seasonal space heating energy efficiency	(1)(2)	%	156	156	157	144	147	163
Seasonal space heating energy efficiency class	(1)(2)		-	-	-	-	-	-

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

2 Tipo di calcolo con portata variabile e temperatura variabile.

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

NX-CN /A

[SI System]

NX-CN /A - LOW TEMPERATURE application			0604	0704	0804	0904	1004
Power supply	(V/ph/Hz)		400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
WEATHER CONDITIONS - AVERAGE							
Rated heat output at Tdesignh	(1)(2)	kW	117	135	146	171	183
Bivalent temperature	(1)(2)	°C	-7	-7	-7	-7	-7
SCOP	(1)(2)		4,01	4,16	3,98	4,06	4,02
Seasonal space heating energy efficiency	(1)(2)	%	158	163	156	160	158
Seasonal space heating energy efficiency class	(1)(2)		-	-	-	-	-

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

2 Tipo di calcolo con portata variabile e temperatura variabile.

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-CN /K			0072	0092	0102	0122	0152	0182	0202	0232	0272	0302
Prated,c	(1)	kW	18,3	22,6	25,7	30,3	37,9	44,8	51,7	57,6	66,0	74,9
SEER	(1) (2)	-	4,27	4,07	4,34	3,15	4,21	4,30	4,21	4,13	4,44	4,12
Performance η_s	(1) (3)	%	168,0	160,0	170,0	123,0	165,0	169,0	166,0	162,0	174,0	162,0
NX-CN /K			0352	0402	0452	0502	0552	0602	0702	0524	0604	0704
Prated,c	(1)	kW	85,0	94,4	106,7	121,0	135,8	151,2	172,9	124,6	143,8	167,0
SEER	(1) (2)	-	4,04	4,12	4,10	3,98	3,87	4,03	3,98	4,23	4,28	4,35
Performance η_s	(1) (3)	%	159,0	162,0	161,0	156,0	152,0	158,0	156,0	166,0	168,0	171,0
NX-CN /K			0804	0904	1004	1104						
Prated,c	(1)	kW	186,6	216,6	240,8	265,0						
SEER	(1) (2)	-	4,16	4,45	4,29	4,21						
Performance η_s	(1) (3)	%	163,0	175,0	168,0	165,0						

NX-CN /SL-K			0072	0092	0102	0122	0152	0182	0202	0232	0272	0302
Prated,c	(1)	kW	18,0	22,0	24,4	28,6	37,0	43,8	50,7	56,1	64,4	72,5
SEER	(1) (2)	-	4,39	4,22	3,95	4,10	4,19	4,41	4,33	4,36	4,35	4,03
Performance η_s	(1) (3)	%	173,0	166,0	155,0	161,0	165,0	173,0	170,0	171,0	171,0	158,0
NX-CN /SL-K			0352	0402	0452	0502	0552	0602	0702	0524	0604	0704
Prated,c	(1)	kW	81,9	91,0	102,8	118,7	132,5	145,6	166,4	121,8	139,4	161,3
SEER	(1) (2)	-	4,10	3,90	4,03	4,08	4,12	3,80	3,97	4,19	4,07	4,25
Performance η_s	(1) (3)	%	161,0	153,0	158,0	160,0	162,0	149,0	156,0	165,0	160,0	167,0
NX-CN /SL-K			0804	0904	1004							
Prated,c	(1)	kW	179,5	211,9	233,8							
SEER	(1) (2)	-	4,01	4,32	4,11							
Performance η_s	(1) (3)	%	157,0	170,0	161,0							

NX-CN /A			0072	0092	0102	0122	0152	0182	0202	0232	0272	0302
Prated,c	(1)	kW	18,7	23,0	26,0	30,9	38,2	45,3	52,4	58,3	66,6	75,9
SEER	(1) (2)	-	4,81	4,49	4,34	4,43	4,40	4,54	4,44	4,45	4,46	4,37
Performance η_s	(1) (3)	%	189,0	177,0	171,0	174,0	173,0	179,0	175,0	175,0	175,0	172,0
NX-CN /A			0352	0402	0452	0502	0552	0602	0702	0524	0604	0704
Prated,c	(1)	kW	85,9	94,7	108,2	121,9	136,5	152,5	173,6	124,6	144,2	169,0
SEER	(1) (2)	-	4,39	4,13	4,34	4,23	4,26	4,01	4,08	4,35	4,29	4,58
Performance η_s	(1) (3)	%	173,0	162,0	171,0	166,0	167,0	157,0	160,0	171,0	168,0	180,0
NX-CN /A			0804	0904	1004							
Prated,c	(1)	kW	186,9	216,6	237,7							
SEER	(1) (2)	-	4,31	4,41	4,20							
Performance η_s	(1) (3)	%	169,0	174,0	165,0							

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 R410A [GWP₁₀₀ 2088] fluorinated greenhouse gases.