5.1 GENERAL TECHNICAL DATA NX2-G06

[SI System]

NX2-G06			0042	0052	0062	0072	0082	0092	0102	0112	0122	0142
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
PERFORMANCE												
COOLING ONLY (GROSS VALUE)												
Cooling capacity	(1)	**kW**	**40,53**	**48,58**	**54,16**	**60,98**	**68,18**	**79,82**	**93,31**	**103,8**	**116,5**	**129,6**
Total power input	(1)	kW	13,64	16,10	17,02	17,66	20,47	25,36	27,94	32,74	38,27	44,42
EER	(1)	kW/kW	2,978	3,019	3,188	3,446	3,327	3,142	3,344	3,174	3,042	2,919
ESEER	(1)	kW/kW										
COOLING ONLY (EN14511 VALUE)												
Cooling capacity	(2)(3)	**kW**	**40,40**	**48,50**	**54,00**	**60,80**	**68,00**	**79,60**	**93,10**	**103,5**	**116,2**	**129,3**
EER	(2)(3)	kW/kW	2,920	2,970	3,120	3,380	3,260	3,090	3,290	3,110	2,990	2,870
ESEER	(2)(3)	kW/kW	-	-	-	-	-	-	-	-	-	-
COOLING WITH PARTIAL RECOVERY												
Cooling capacity	(4)	kW	42,05	50,40	56,20	63,27	70,74	82,81	96,81	107,7	120,9	134,5
Total power input	(4)	kW	13,21	15,58	16,47	17,10	19,82	24,54	27,05	31,68	37,02	42,95
Desuperheater heating capacity	(4)	**kW**	**11,11**	**13,30**	**14,12**	**14,16**	**16,66**	**21,03**	**22,80**	**27,08**	**32,02**	**37,50**
EXCHANGERS												
HEAT EXCHANGER USER SIDE IN COOLING												
Water flow	(1)	l/s	1,938	2,323	2,590	2,916	3,261	3,817	4,462	4,965	5,573	6,198
Pressure drop at the heat exchanger	(2)	kPa	44,8	33,3	41,4	45,4	46,2	45,3	36,6	45,4	45,5	42,6
PARTIAL RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(4)	l/s	0,536	0,642	0,682	0,683	0,804	1,015	1,101	1,307	1,546	1,810
Pressure drop at the heat exchanger	(4)	kPa	6,58	9,44	10,6	10,7	14,8	11,6	13,7	19,3	19,0	26,0
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	7,60	7,60	8,00	9,90	10,0	11,1	13,1	14,3	15,5	15,8
Oil charge		kg	6,00	6,60	5,40	5,40	5,40	5,40	8,00	10,6	10,6	10,6
Rc (ASHRAE)	(5)	kg/kW	0,19	0,16	0,15	0,16	0,15	0,14	0,14	0,14	0,13	0,12
FANS												
Quantity		N°	4	4	4	6	6	6	2	2	2	2
Air flow		m³/s	3,75	3,75	3,75	5,66	5,66	5,66	8,49	8,49	8,49	8,49
Fans power input		kW	0,30	0,30	0,30	0,30	0,30	0,30	1,20	1,20	1,20	1,20
NOISE LEVEL												
Sound Pressure	(6)	dB(A)	49	50	49	51	52	52	52	52	52	53
Sound power level in cooling	(7)(8)	dB(A)	81	82	81	83	84	84	84	84	84	85
SIZE AND WEIGHT												
A	(9)	mm	1825	1825	1825	2395	2395	2395	2825	2825	2825	2825
B	(9)	mm	1195	1195	1195	1195	1195	1195	1195	1195	1195	1195
H	(9)	mm	1865	1865	1865	1865	1865	1865	1980	1980	1980	1980
Operating weight	(9)	kg	500	510	550	630	630	640	770	770	850	920

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 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C.
3 Values in compliance with EN14511
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 Average sound pressure level at 10m distance, unit in a free field on a reflective surface; non-binding value calculated from the sound power level.
7 Sound power on the basis of measurements taken in compliance with ISO 9614.
8 Sound power level in cooling, outdoors.
9 Unit in standard configuration, without optional accessories.
- Not available
Data certified in EUROVENT

GENERAL TECHNICAL DATA NX2-G06

[SI System]

NX2-G06			0162	0182	0202	0222
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**	**152,0**	**174,2**	**186,9**	**208,7**
Total power input	(1)	kW	47,39	55,37	61,54	70,86
EER	(1)	kW/kW	3,207	3,144	3,039	2,944
ESEER	(1)	kW/kW				
COOLING ONLY (EN14511 VALUE)						
Cooling capacity	(2)(3)	**kW**	**151,7**	**173,9**	**186,6**	**208,3**
EER	(2)(3)	kW/kW	3,150	3,100	3,000	2,900
ESEER	(2)(3)	kW/kW	-	-	-	-
COOLING WITH PARTIAL RECOVERY						
Cooling capacity	(4)	kW	157,7	180,7	193,9	216,5
Total power input	(4)	kW	45,85	53,56	59,51	68,51
Desuperheater heating capacity	(4)	**kW**	**39,08**	**46,21**	**51,72**	**60,04**
EXCHANGERS						
HEAT EXCHANGER USER SIDE IN COOLING						
Water flow	(1)	l/s	7,268	8,331	8,937	9,979
Pressure drop at the heat exchanger	(2)	kPa	47,9	44,1	38,5	48,0
PARTIAL RECOVERY USER SIDE IN REFRIGERATION						
Water flow	(4)	l/s	1,887	2,231	2,496	2,898
Pressure drop at the heat exchanger	(4)	kPa	19,0	26,6	22,4	30,2
REFRIGERANT CIRCUIT						
Compressors nr.		N°	2	2	2	2
Number of capacity steps		N°	2	2	2	2
No. Circuits		N°	1	1	1	1
Regulation			STEPS	STEPS	STEPS	STEPS
Min. capacity step		%	50	50	50	50
Refrigerant			R454B	R454B	R454B	R454B
Refrigerant charge		kg	21,9	22,7	22,8	22,9
Oil charge		kg	10,6	10,6	10,6	10,6
Rc (ASHRAE)	(5)	kg/kW	0,15	0,13	0,12	0,11
FANS						
Quantity		N°	3	3	3	3
Air flow		m³/s	12,83	12,83	12,83	12,83
Fans power input		kW	1,20	1,20	1,20	1,20
NOISE LEVEL						
Sound Pressure	(6)	dB(A)	54	55	55	56
Sound power level in cooling	(7)(8)	dB(A)	86	87	87	88
SIZE AND WEIGHT						
A	(9)	mm	3980	3980	3980	3980
B	(9)	mm	1195	1195	1195	1195
H	(9)	mm	1980	1980	1980	1980
Operating weight	(9)	kg	1130	1170	1180	1220

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 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C.
3 Values in compliance with EN14511
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 Average sound pressure level at 10m distance, unit in a free field on a reflective surface; non-binding value calculated from the sound power level.
7 Sound power on the basis of measurements taken in compliance with ISO 9614.
8 Sound power level in cooling, outdoors.
9 Unit in standard configuration, without optional accessories.
- Not available
Data certified in EUROVENT

GENERAL TECHNICAL DATA — NX2-G06 + UP kit

[SI System]

NX2-G06 + UP kit			0042	0052	0062	0072	0082	0092	0102	0112	0122	0142
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
PERFORMANCE												
COOLING ONLY (GROSS VALUE)												
Cooling capacity	(1)	**kW**	**41,19**	**49,35**	**54,80**	**61,64**	**69,02**	**80,86**	**94,36**	**104,7**	**118,1**	**131,8**
Total power input	(1)	kW	12,75	14,92	15,72	16,66	19,18	23,44	28,06	32,41	37,17	42,39
EER	(1)	kW/kW	3,244	3,309	3,490	3,689	3,594	3,457	3,359	3,231	3,175	3,108
ESEER	(1)	kW/kW										
COOLING ONLY (EN14511 VALUE)												
Cooling capacity	(2)(3)	**kW**	**41,10**	**49,20**	**54,60**	**61,40**	**68,80**	**80,60**	**94,10**	**104,4**	**117,8**	**131,4**
EER	(2)(3)	kW/kW	3,160	3,250	3,420	3,620	3,520	3,380	3,310	3,170	3,120	3,050
ESEER	(2)(3)	kW/kW	-	-	-	-	-	-	-	-	-	-
COOLING WITH PARTIAL RECOVERY												
Cooling capacity	(4)	kW	42,73	51,20	56,85	63,95	71,61	83,89	97,89	108,7	122,6	136,7
Total power input	(4)	kW	12,34	14,44	15,22	16,14	18,57	22,68	27,22	31,41	36,01	41,04
Desuperheater heating capacity	(4)	**kW**	**10,31**	**12,25**	**12,96**	**13,26**	**15,52**	**19,31**	**21,48**	**25,36**	**29,61**	**34,27**
EXCHANGERS												
HEAT EXCHANGER USER SIDE IN COOLING												
Water flow	(1)	l/s	1,970	2,360	2,621	2,948	3,301	3,867	4,512	5,009	5,650	6,301
Pressure drop at the heat exchanger	(2)	kPa	46,3	34,4	42,4	46,4	47,3	46,5	37,5	46,2	46,7	44,0
PARTIAL RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(4)	l/s	0,498	0,591	0,626	0,640	0,749	0,932	1,037	1,224	1,429	1,654
Pressure drop at the heat exchanger	(4)	kPa	5,67	8,00	8,97	9,38	12,8	9,81	12,1	16,9	16,2	21,7
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	7,60	7,60	8,00	9,90	10,0	11,1	13,1	14,3	15,5	15,8
Oil charge		kg	6,00	6,60	5,40	5,40	5,40	5,40	8,00	10,6	10,6	10,6
Rc (ASHRAE)	(5)	kg/kW	0,19	0,16	0,15	0,16	0,15	0,14	0,14	0,14	0,13	0,12
FANS												
Quantity		N°	4	4	4	6	6	6	2	2	2	2
Air flow		m³/s	4,84	4,84	4,84	7,28	7,28	7,28	10,98	10,98	10,98	10,98
Fans power input		kW	0,30	0,30	0,30	0,30	0,30	0,30	2,00	2,00	2,00	2,00
NOISE LEVEL												
Sound Pressure	(6)	dB(A)	53	53	53	54	55	55	57	57	57	58
Sound power level in cooling	(7)(8)	dB(A)	85	85	85	86	87	87	89	89	89	90
SIZE AND WEIGHT												
A	(9)	mm	1825	1825	1825	2395	2395	2395	2825	2825	2825	2825
B	(9)	mm	1195	1195	1195	1195	1195	1195	1195	1195	1195	1195
H	(9)	mm	1865	1865	1865	1865	1865	1865	1980	1980	1980	1980
Operating weight	(9)	kg	500	510	550	630	630	640	770	770	850	920

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 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C.
3 Values in compliance with EN14511
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 Average sound pressure level at 10m distance, unit in a free field on a reflective surface; non-binding value calculated from the sound power level.
7 Sound power on the basis of measurements taken in compliance with ISO 9614.
8 Sound power level in cooling, outdoors.
9 Unit in standard configuration, without optional accessories.
- Not available
Data certified in EUROVENT

GENERAL TECHNICAL DATA — NX2-G06 + UP kit

[SI System]

NX2-G06 + UP kit			0162	0182	0202	0222
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**	**154,0**	**176,4**	**189,8**	**211,8**
Total power input	(1)	kW	46,81	53,86	59,15	67,23
EER	(1)	kW/kW	3,291	3,273	3,206	3,152
ESEER	(1)	kW/kW				
COOLING ONLY (EN14511 VALUE)						
Cooling capacity	(2)(3)	**kW**	**153,6**	**176,1**	**189,5**	**211,4**
EER	(2)(3)	kW/kW	3,230	3,220	3,160	3,100
ESEER	(2)(3)	kW/kW	-	-	-	-
COOLING WITH PARTIAL RECOVERY						
Cooling capacity	(4)	kW	159,7	183,1	196,9	219,7
Total power input	(4)	kW	45,38	52,19	57,29	65,09
Desuperheater heating capacity	(4)	**kW**	**36,43**	**42,72**	**47,45**	**54,66**
EXCHANGERS						
HEAT EXCHANGER USER SIDE IN COOLING						
Water flow	(1)	l/s	7,363	8,438	9,077	10,13
Pressure drop at the heat exchanger	(2)	kPa	49,2	45,2	39,7	49,4
PARTIAL RECOVERY USER SIDE IN REFRIGERATION						
Water flow	(4)	l/s	1,758	2,062	2,290	2,638
Pressure drop at the heat exchanger	(4)	kPa	16,5	22,7	18,8	25,0
REFRIGERANT CIRCUIT						
Compressors nr.		N°	2	2	2	2
Number of capacity steps		N°	2	2	2	2
No. Circuits		N°	1	1	1	1
Regulation			STEPS	STEPS	STEPS	STEPS
Min. capacity step		%	50	50	50	50
Refrigerant			R454B	R454B	R454B	R454B
Refrigerant charge		kg	21,9	22,7	22,8	22,9
Oil charge		kg	10,6	10,6	10,6	10,6
Rc (ASHRAE)	(5)	kg/kW	0,14	0,13	0,12	0,11
FANS						
Quantity		N°	3	3	3	3
Air flow		m³/s	16,54	16,54	16,54	16,54
Fans power input		kW	2,00	2,00	2,00	2,00
NOISE LEVEL						
Sound Pressure	(6)	dB(A)	59	59	59	60
Sound power level in cooling	(7)(8)	dB(A)	91	91	91	92
SIZE AND WEIGHT						
A	(9)	mm	3980	3980	3980	3980
B	(9)	mm	1195	1195	1195	1195
H	(9)	mm	1980	1980	1980	1980
Operating weight	(9)	kg	1130	1170	1180	1220

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 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C.
3 Values in compliance with EN14511
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 Average sound pressure level at 10m distance, unit in a free field on a reflective surface; non-binding value calculated from the sound power level.
7 Sound power on the basis of measurements taken in compliance with ISO 9614.
8 Sound power level in cooling, outdoors.
9 Unit in standard configuration, without optional accessories.
- Not available
Data certified in EUROVENT

GENERAL TECHNICAL DATA — NX2-G06 + NR kit

[SI System]

NX2-G06 + NR kit			0042	0052	0062	0072	0082	0092	0102	0112	0122	0142
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
PERFORMANCE												
COOLING ONLY (GROSS VALUE)												
Cooling capacity	(1)	**kW**	**40,06**	**47,85**	**53,66**	**60,58**	**67,63**	**78,81**	**92,45**	**102,8**	**115,2**	**127,7**
Total power input	(1)	kW	13,55	16,11	17,09	17,38	20,28	25,38	28,33	33,31	39,14	45,66
EER	(1)	kW/kW	2,949	2,969	3,140	3,483	3,330	3,102	3,265	3,087	2,946	2,794
ESEER	(1)	kW/kW										
COOLING ONLY (EN14511 VALUE)												
Cooling capacity	(2)(3)	**kW**	**39,90**	**47,70**	**53,50**	**60,40**	**67,40**	**78,60**	**92,20**	**102,5**	**114,9**	**127,4**
EER	(2)(3)	kW/kW	2,900	2,930	3,090	3,410	3,270	3,050	3,210	3,030	2,890	2,760
ESEER	(2)(3)	kW/kW	-	-	-	-	-	-	-	-	-	-
COOLING WITH PARTIAL RECOVERY												
Cooling capacity	(4)	kW	41,56	49,64	55,67	62,85	70,17	81,77	95,91	106,7	119,5	132,5
Total power input	(4)	kW	13,11	15,57	16,52	16,82	19,62	24,54	27,41	32,22	37,85	44,14
Desuperheater heating capacity	(4)	**kW**	**11,38**	**13,66**	**14,54**	**14,44**	**17,04**	**21,59**	**23,32**	**27,77**	**32,98**	**38,79**
EXCHANGERS												
HEAT EXCHANGER USER SIDE IN COOLING												
Water flow	(1)	l/s	1,916	2,288	2,566	2,897	3,234	3,769	4,421	4,918	5,508	6,109
Pressure drop at the heat exchanger	(2)	kPa	43,8	32,3	40,6	44,8	45,4	44,2	36,0	44,5	44,4	41,4
PARTIAL RECOVERY USER SIDE IN REFRIGERATION												
Water flow	(4)	l/s	0,550	0,660	0,702	0,697	0,822	1,042	1,126	1,340	1,592	1,873
Pressure drop at the heat exchanger	(4)	kPa	6,92	9,96	11,3	11,1	15,5	12,3	14,3	20,3	20,1	27,9
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	7,60	7,60	8,00	9,90	10,0	11,1	13,1	14,3	15,5	15,8
Oil charge		kg	6,00	6,60	5,40	5,40	5,40	5,40	8,00	10,6	10,6	10,6
Rc (ASHRAE)	(5)	kg/kW	0,19	0,16	0,15	0,16	0,15	0,14	0,14	0,14	0,14	0,12
FANS												
Quantity		N°	4	4	4	6	6	6	2	2	2	2
Air flow		m³/s	3,51	3,51	3,51	5,34	5,34	5,34	7,89	7,89	7,89	7,89
Fans power input		kW	0,20	0,20	0,20	0,20	0,20	0,20	1,10	1,10	1,10	1,10
NOISE LEVEL												
Sound Pressure	(6)	dB(A)	45	46	45	47	48	48	48	48	48	50
Sound power level in cooling	(7)(8)	dB(A)	77	78	77	79	80	80	80	80	80	82
SIZE AND WEIGHT												
A	(9)	mm	1825	1825	1825	2395	2395	2395	2825	2825	2825	2825
B	(9)	mm	1195	1195	1195	1195	1195	1195	1195	1195	1195	1195
H	(9)	mm	1865	1865	1865	1865	1865	1865	1980	1980	1980	1980
Operating weight	(9)	kg	500	510	550	630	630	640	770	770	850	920

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 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C.
3 Values in compliance with EN14511
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 Average sound pressure level at 10m distance, unit in a free field on a reflective surface; non-binding value calculated from the sound power level.
7 Sound power on the basis of measurements taken in compliance with ISO 9614.
8 Sound power level in cooling, outdoors.
9 Unit in standard configuration, without optional accessories.
- Not available
Data certified in EUROVENT

GENERAL TECHNICAL DATA — NX2-G06 + NR kit

[SI System]

NX2-G06 + NR kit			0162	0182	0202	0222
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**	**150,4**	**171,9**	**184,2**	**206,4**
Total power input	(1)	kW	48,39	56,79	63,35	73,22
EER	(1)	kW/kW	3,107	3,026	2,905	2,820
ESEER	(1)	kW/kW				
COOLING ONLY (EN14511 VALUE)						
Cooling capacity	(2)(3)	**kW**	**150,1**	**171,6**	**183,9**	**206,1**
EER	(2)(3)	kW/kW	3,050	2,980	2,870	2,780
ESEER	(2)(3)	kW/kW	-	-	-	-
COOLING WITH PARTIAL RECOVERY						
Cooling capacity	(4)	kW	156,0	178,4	191,1	214,2
Total power input	(4)	kW	46,82	54,92	61,25	70,77
Desuperheater heating capacity	(4)	**kW**	**40,25**	**47,75**	**53,60**	**62,41**
EXCHANGERS						
HEAT EXCHANGER USER SIDE IN COOLING						
Water flow	(1)	l/s	7,191	8,223	8,809	9,871
Pressure drop at the heat exchanger	(2)	kPa	46,9	42,9	37,4	47,0
PARTIAL RECOVERY USER SIDE IN REFRIGERATION						
Water flow	(4)	l/s	1,943	2,305	2,587	3,013
Pressure drop at the heat exchanger	(4)	kPa	20,2	28,4	24,0	32,6
REFRIGERANT CIRCUIT						
Compressors nr.		N°	2	2	2	2
Number of capacity steps		N°	2	2	2	2
No. Circuits		N°	1	1	1	1
Regulation			STEPS	STEPS	STEPS	STEPS
Min. capacity step		%	50	50	50	50
Refrigerant			R454B	R454B	R454B	R454B
Refrigerant charge		kg	21,9	22,7	22,8	22,9
Oil charge		kg	10,6	10,6	10,6	10,6
Rc (ASHRAE)	(5)	kg/kW	0,15	0,13	0,12	0,11
FANS						
Quantity		N°	3	3	3	3
Air flow		m³/s	11,83	11,83	11,83	11,83
Fans power input		kW	1,10	1,10	1,10	1,10
NOISE LEVEL						
Sound Pressure	(6)	dB(A)	50	51	51	52
Sound power level in cooling	(7)(8)	dB(A)	82	83	83	84
SIZE AND WEIGHT						
A	(9)	mm	3980	3980	3980	3980
B	(9)	mm	1195	1195	1195	1195
H	(9)	mm	1980	1980	1980	1980
Operating weight	(9)	kg	1130	1170	1180	1220

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 Plant (side) cooling exchanger water (in/out) 12,00°C/7,00°C; Source (side) heat exchanger air (in) 35,0°C.
3 Values in compliance with EN14511
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.
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7 Sound power on the basis of measurements taken in compliance with ISO 9614.
8 Sound power level in cooling, outdoors.
9 Unit in standard configuration, without optional accessories.
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