



NX-C-Z 0072-1104

Chiller, air source
for indoor installation
17-281 kW

NX-C-Z / K			0072	0092	0102	0122	0152	0182	0202	0232	0272
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	17,8	22,5	26,5	30,3	38,5	45,5	51,8	58,1	66,8
Total power input	(1)	kW	6,23	8,29	9,54	11,3	12,9	14,9	17,7	20,5	23,6
EER	(1)	kW/kW	2,86	2,71	2,78	2,68	2,98	3,05	2,93	2,83	2,83
COOLING ONLY (EN14511 VALUE)											
Cooling capacity	(1)(2)	kW	17,7	22,4	26,4	30,1	38,3	45,3	51,6	57,8	66,5
EER	(1)(2)	kW/kW	2,85	2,70	2,78	2,68	2,99	3,06	2,93	2,83	2,84
Cooling energy class			A	B	A	B	A	A	A	A	A
SEPR HT	(3)(4)		5,37	5,23	5,41	4,95	5,34	5,23	5,12	4,92	4,92
COOLING ONLY											
16°C/10°C											
Cooling capacity	(5)	kW	19,6	24,8	29,1	33,2	42,1	49,8	56,7	63,4	73,0
Total power input	(5)	kW	6,29	8,46	9,71	11,6	13,1	15,1	18,1	21,0	24,1
EER	(5)	kW/kW	3,12	2,93	3,00	2,86	3,21	3,30	3,13	3,02	3,03
23°C/15°C											
Cooling capacity	(6)	kW	22,8	28,9	33,7	38,4	48,7	57,6	65,5	72,8	84,0
Total power input	(6)	kW	6,40	8,78	10,0	12,1	13,5	15,6	18,8	21,8	25,1
EER	(6)	kW/kW	3,56	3,29	3,37	3,17	3,61	3,69	3,48	3,34	3,35
EXCHANGERS											
HEAT EXCHANGER USER SIDE IN REFRIGERATION											
Water flow	(1)	l/s	0,85	1,08	1,27	1,45	1,84	2,17	2,48	2,78	3,19
Pressure drop	(1)(2)	kPa	24,8	24,4	25,1	25,5	27,3	24,9	25,3	25,6	25,3
REFRIGERANT CIRCUIT											
Compressors nr.		N°	2	2	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1	1	1
Refrigerant charge		kg	3,50	3,70	4,10	4,20	7,30	8,30	9,20	9,40	10,7
NOISE LEVEL											
Sound power level in cooling	(8)(9)	dB(A)	80	78	81	80	77	80	81	82	82
SIZE AND WEIGHT											
A	(10)	mm	1500	1500	1500	1500	2480	2480	2480	2480	2480
B	(10)	mm	900	900	900	900	1100	1100	1100	1100	1100
H	(10)	mm	1910	1910	1910	1910	2100	2100	2100	2100	2100
Operating weight	(10)	kg	390	398	433	435	855	889	891	909	974

Notes:

NX-C-Z / K			0302	0352	0402	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	400/3/50	400/3/50	400/3/50
PERFORMANCE											
COOLING ONLY (GROSS VALUE)											
Cooling capacity	(1)	kW	75,5	85,5	97,6	110	125	140	156	178	127
Total power input	(1)	kW	27,1	32,1	35,5	40,9	44,8	52,9	59,9	66,9	47,7
EER	(1)	kW/kW	2,79	2,66	2,75	2,69	2,79	2,65	2,60	2,66	2,67
COOLING ONLY (EN14511 VALUE)											
Cooling capacity	(1)(2)	kW	75,2	85,2	97,2	110	125	140	155	178	127
EER	(1)(2)	kW/kW	2,79	2,67	2,76	2,70	2,80	2,66	2,61	2,67	2,67
Cooling energy class			A	B	A	B	A	B	B	B	B
SEPR HT	(3)(4)		4,87	4,60	4,78	4,61	4,81	4,54	4,64	4,63	4,77
COOLING ONLY											
16°C/10°C											
Cooling capacity	(5)	kW	82,4	93,4	107	120	136	153	170	194	139
Total power input	(5)	kW	27,8	32,9	36,4	42,0	45,9	54,3	61,5	68,8	48,9
EER	(5)	kW/kW	2,96	2,84	2,94	2,86	2,97	2,82	2,76	2,82	2,83
23°C/15°C											
Cooling capacity	(6)	kW	94,6	107	124	138	156	176	195	223	159
Total power input	(6)	kW	28,9	34,4	38,2	44,0	48,1	57,0	64,6	72,3	51,0
EER	(6)	kW/kW	3,27	3,13	3,23	3,14	3,25	3,08	3,02	3,08	3,12
EXCHANGERS											
HEAT EXCHANGER USER SIDE IN REFRIGERATION											
Water flow	(1)	l/s	3,61	4,09	4,67	5,26	5,98	6,70	7,44	8,52	6,08
Pressure drop	(1)(2)	kPa	25,9	25,7	25,3	25,4	25,4	25,8	25,6	26,3	25,6
REFRIGERANT CIRCUIT											
Compressors nr.		N°	2	2	2	2	2	2	2	2	4
No. Circuits		N°	1	1	1	1	1	1	1	1	2
Refrigerant charge		kg	11,1	12,0	14,1	14,8	18,6	19,2	20,0	23,5	21,0
NOISE LEVEL											
Sound power level in cooling	(8)(9)	dB(A)	82	84	87	80	87	88	89	94	88
SIZE AND WEIGHT											
A	(10)	mm	2480	2480	2980	2980	3970	3970	3970	4670	3970
B	(10)	mm	1100	1100	1260	1260	1260	1260	1260	1260	1260
H	(10)	mm	2100	2100	2100	2100	2100	2100	2100	2100	2100
Operating weight	(10)	kg	1016	1087	1340	1365	1541	1570	1644	1815	1515

Notes:

NX-C-Z / K			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
PERFORMANCE								
COOLING ONLY (GROSS VALUE)								
Cooling capacity	(1)	kW	148	171	191	220	246	282
Total power input	(1)	kW	56,6	64,2	74,7	81,9	93,4	108
EER	(1)	kW/kW	2,62	2,67	2,56	2,69	2,63	2,62
COOLING ONLY (EN14511 VALUE)								
Cooling capacity	(1)(2)	kW	148	171	191	220	245	281
EER	(1)(2)	kW/kW	2,63	2,68	2,57	2,70	2,64	2,63
Cooling energy class		B	B	B	B	B	B	B
SEPR HT	(3)(4)		4,63	4,57	4,55	4,58	4,61	4,50
COOLING ONLY								
16°C/10°C								
Cooling capacity	(5)	kW	162	187	209	240	268	307
Total power input	(5)	kW	57,9	65,9	76,8	84,1	95,9	110
EER	(5)	kW/kW	2,79	2,84	2,72	2,86	2,79	2,78
23°C/15°C								
Cooling capacity	(6)	kW	186	215	241	277	307	353
Total power input	(6)	kW	60,4	68,9	80,7	88,2	100	116
EER	(6)	kW/kW	3,07	3,12	2,98	3,13	3,05	3,06
EXCHANGERS								
HEAT EXCHANGER USER SIDE IN REFRIGERATION								
Water flow	(1)	l/s	7,10	8,19	9,14	10,52	11,75	13,47
Pressure drop	(1)(2)	kPa	27,0	25,7	26,1	26,1	26,1	23,5
REFRIGERANT CIRCUIT								
Compressors nr.		N°	4	4	4	4	4	4
No. Circuits		N°	2	2	2	2	2	2
Refrigerant charge		kg	22,3	26,3	28,4	32,3	34,6	86,0
NOISE LEVEL								
Sound power level in cooling	(8)(9)	dB(A)	90	95	97	91	93	94
SIZE AND WEIGHT								
A	(10)	mm	3970	4670	4670	5670	5670	5670
B	(10)	mm	1260	1260	1260	1260	1260	1260
H	(10)	mm	2100	2100	2100	2100	2100	2100
Operating weight	(10)	kg	1620	1926	2080	2453	2510	2563

Notes:

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

2 Values in compliance with EN14511-3:2013.

3 Seasonal space heating energy index

4 Seasonal energy efficiency of high temperature process cooling [REGULATION (EU) N. 2016/2281]

5 Plant (side) cooling exchanger water (in/out) 16°C/ 10°C; Source (side) heat exchanger air (in) 35°C.

6 Acqua scambiatore freddo lato utenza (in/out) 23°C/15°C; Aria scambiatore lato sorgente (in) 35°C.

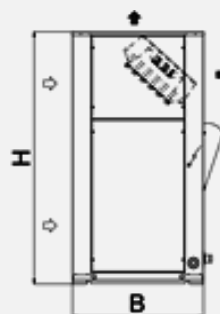
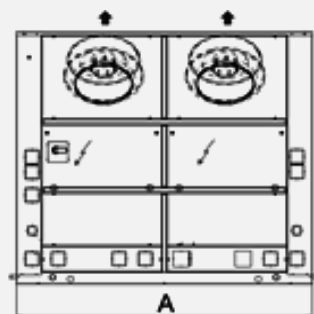
8 Sound power on the basis of measurements made in compliance with ISO 9614.

9 Sound power level in cooling, outdoors.

10 Unit in standard configuration/execution, without optional accessories.

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

Certified data in EUROVENT





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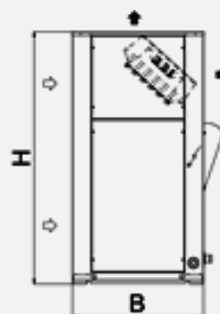
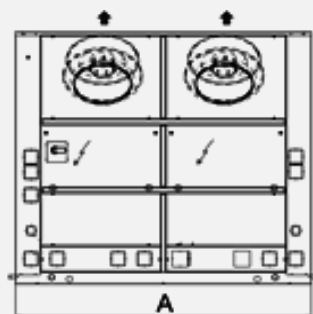
NX-C-Z / SL-K			0072	0092	0102	0122	0152	0182	0202	0232
Power supply			V/ph/Hz	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
PERFORMANCE										
COOLING ONLY (GROSS VALUE)										
Cooling capacity	(1)	kW	17,4	21,9	25,6	29,3	37,5	44,4	51,2	56,8
Total power input	(1)	kW	6,09	8,02	9,11	10,8	12,6	14,5	17,3	20,0
EER	(1)	kW/kW	2,86	2,73	2,81	2,71	2,98	3,06	2,96	2,84
COOLING ONLY (EN14511 VALUE)										
Cooling capacity	(1)(2)	kW	17,3	21,8	25,5	29,1	37,3	44,2	51,0	56,6
EER	(1)(2)	kW/kW	2,87	2,72	2,82	2,72	2,97	3,07	2,96	2,84
Cooling energy class			A	A	A	A	A	A	A	A
SEPR HT	(3)(4)		5,53	5,38	5,61	5,28	5,34	5,37	5,25	5,09
COOLING ONLY										
16°C/10°C										
Cooling capacity	(5)	kW	19,2	24,1	28,1	32,0	41,0	48,6	55,9	61,9
Total power input	(5)	kW	6,16	8,22	9,33	11,1	12,9	14,8	17,8	20,6
EER	(5)	kW/kW	3,12	2,93	3,01	2,88	3,18	3,28	3,14	3,00
23°C/15°C										
Cooling capacity	(6)	kW	22,3	28,0	32,4	36,9	47,2	56,0	64,4	70,9
Total power input	(6)	kW	6,30	8,59	9,76	11,7	13,4	15,4	18,6	21,5
EER	(6)	kW/kW	3,54	3,26	3,32	3,15	3,52	3,64	3,46	3,30
EXCHANGERS										
HEAT EXCHANGER USER SIDE IN REFRIGERATION										
Water flow	(1)	l/s	0,83	1,05	1,23	1,40	1,79	2,12	2,45	2,72
Pressure drop	(1)(2)	kPa	23,9	23,1	23,5	23,9	25,9	23,8	24,8	24,5
REFRIGERANT CIRCUIT										
Compressors nr.		N°	2	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1	1
Refrigerant charge		kg	3,50	3,70	6,80	7,00	7,30	8,30	9,20	9,40
NOISE LEVEL										
Sound power level in cooling	(8)(9)	dB(A)	68	70	70	72	70	76	73	74
SIZE AND WEIGHT										
A	(10)	mm	1500	1500	2480	2480	2480	2480	2480	2480
B	(10)	mm	900	900	1100	1100	1100	1100	1100	1100
H	(10)	mm	1910	1910	2100	2100	2100	2100	2100	2100
Operating weight	(10)	kg	423	431	795	798	868	928	930	949

NX-C-Z / SL-K			0272	0302	0352	0402	0452	0502	0552	0602
Power supply			V/ph/Hz	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
PERFORMANCE										
COOLING ONLY (GROSS VALUE)										
Cooling capacity	(1)	kW	65,4	73,5	83,0	94,8	107	122	136	150
Total power input	(1)	kW	22,8	26,4	31,1	34,3	39,5	43,8	51,5	57,8
EER	(1)	kW/kW	2,87	2,78	2,67	2,76	2,71	2,79	2,65	2,60
COOLING ONLY (EN14511 VALUE)										
Cooling capacity	(1)(2)	kW	65,1	73,2	82,7	94,5	106	122	136	150
EER	(1)(2)	kW/kW	2,87	2,79	2,67	2,77	2,71	2,80	2,65	2,61
Cooling energy class			A	A	B	A	A	A	B	B
SEPR HT	(3)(4)		5,18	4,92	4,76	4,90	4,81	4,87	4,69	4,66
COOLING ONLY										
16°C/10°C										
Cooling capacity	(5)	kW	71,3	80,0	90,5	104	116	133	148	164
Total power input	(5)	kW	23,3	27,1	32,0	35,4	40,7	45,1	53,1	59,6
EER	(5)	kW/kW	3,06	2,95	2,83	2,92	2,86	2,96	2,80	2,75
23°C/15°C										
Cooling capacity	(6)	kW	81,9	91,6	104	119	133	153	170	187
Total power input	(6)	kW	24,4	28,4	33,7	37,4	43,1	47,4	56,0	63,2
EER	(6)	kW/kW	3,36	3,23	3,08	3,18	3,10	3,22	3,03	2,97
EXCHANGERS										
HEAT EXCHANGER USER SIDE IN REFRIGERATION										
Water flow	(1)	l/s	3,13	3,51	3,97	4,53	5,11	5,85	6,52	7,20
Pressure drop	(1)(2)	kPa	24,2	24,5	24,2	23,9	23,9	24,4	24,4	23,9
REFRIGERANT CIRCUIT										
Compressors nr.		N°	2	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1	1
Refrigerant charge		kg	11,6	12,0	12,8	16,8	17,3	18,6	19,2	21,1
NOISE LEVEL										
Sound power level in cooling	(8)(9)	dB(A)	76	76	77	76	77	82	83	86
SIZE AND WEIGHT										
A	(10)	mm	2980	2980	2980	2980	3970	3970	3970	4670
B	(10)	mm	1260	1260	1260	1260	1260	1260	1260	1260
H	(10)	mm	2100	2100	2100	2100	2100	2100	2100	2100
Operating weight	(10)	kg	1110	1174	1245	1391	1448	1590	1620	1778

NX-C-Z / SL-K			0702	0524	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	400/3/50	400/3/50
PERFORMANCE									
COOLING ONLY (GROSS VALUE)									
Cooling capacity	(1)	kW	172	124	145	166	185	222	243
Total power input	(1)	kW	65,4	46,6	55,0	62,7	71,8	79,6	91,0
EER	(1)	kW/kW	2,63	2,66	2,63	2,65	2,58	2,79	2,67
COOLING ONLY (EN14511 VALUE)									
Cooling capacity	(1)(2)	kW	172	124	144	166	185	222	243
EER	(1)(2)	kW/kW	2,64	2,67	2,63	2,66	2,58	2,80	2,68
Cooling energy class			B	B	B	B	B	A	B
SEPR HT	(3)(4)		4,60	4,97	4,80	4,80	4,69	4,81	4,75
COOLING ONLY									
16°C/10°C									
Cooling capacity	(5)	kW	187	135	157	181	202	243	265
Total power input	(5)	kW	67,5	47,9	56,5	64,6	74,2	81,7	93,3
EER	(5)	kW/kW	2,78	2,81	2,78	2,80	2,72	2,97	2,84
23°C/15°C									
Cooling capacity	(6)	kW	214	154	180	208	232	280	304
Total power input	(6)	kW	71,5	50,3	59,3	68,1	78,7	85,7	97,4
EER	(6)	kW/kW	3,00	3,06	3,03	3,05	2,95	3,26	3,13
EXCHANGERS									
HEAT EXCHANGER USER SIDE IN REFRIGERATION									
Water flow	(1)	l/s	8,24	5,93	6,91	7,95	8,85	10,63	11,64
Pressure drop	(1)(2)	kPa	24,6	24,3	25,6	24,2	24,5	26,6	25,6
REFRIGERANT CIRCUIT									
Compressors nr.		N°	2	4	4	4	4	4	4
No. Circuits		N°	1	2	2	2	2	2	2
Refrigerant charge		kg	25,3	21,0	23,1	27,6	29,7	82,6	84,3
NOISE LEVEL									
Sound power level in cooling	(8)(9)	dB(A)	89	82	84	89	82	88	89
SIZE AND WEIGHT									
A	(10)	mm	5670	3970	4670	5670	5670	5670	5670
B	(10)	mm	1260	1260	1260	1260	1260	1260	1260
H	(10)	mm	2100	2100	2100	2100	2100	2100	2100
Operating weight	(10)	kg	2058	1564	1743	2217	2296	2453	2510

Notes:

- 1 Plant (side) cooling exchanger water (in/out) 12°C/7°C; Source (side) heat exchanger air (in) 35°C.
 - 2 Values in compliance with EN14511-3:2013.
 - 3 Seasonal space heating energy index
 - 4 Seasonal energy efficiency of high temperature process cooling [REGULATION (EU) N. 2016/2281]
 - 5 Plant (side) cooling exchanger water (in/out) 16°C/ 10°C; Source (side) heat exchanger air (in) 35°C.
 - 6 Acqua scambiatore freddo lato utenza (in/out) 23°C/15°C; Aria scambiatore lato sorgente (in) 35°C.
 - 8 Sound power on the basis of measurements made in compliance with ISO 9614.
 - 9 Sound power level in cooling, outdoors.
 - 10 Unit in standard configuration/execution, without optional accessories.
- The units highlighted in this publication contain HFC R410A [GWP₁₀₀ 2088] fluorinated greenhouse gases.
- Certified data in EUROVENT





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Chiller, air source
for indoor installation
17-281 kW

NX-C-Z / A			0072	0092	0102	0122	0152	0182	0202	0232
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
PERFORMANCE										
COOLING ONLY (GROSS VALUE)										
Cooling capacity	(1)	kW	18,1	22,9	27,4	31,6	38,8	46,0	53,0	59,2
Total power input	(1)	kW	5,94	7,83	8,56	10,2	12,6	14,4	17,2	19,8
EER	(1)	kW/kW	3,05	2,92	3,20	3,10	3,08	3,19	3,08	2,99
COOLING ONLY (EN14511 VALUE)										
Cooling capacity	(1)(2)	kW	18,0	22,8	27,2	31,4	38,6	45,8	52,8	58,9
EER	(1)(2)	kW/kW	3,05	2,93	3,21	3,10	3,09	3,22	3,10	3,00
Cooling energy class			A	A	A	A	A	A	A	A
SEPR HT	(3)(4)		5,73	5,68	6,18	5,79	5,52	5,48	5,36	5,21
COOLING ONLY										
16°C/10°C										
Cooling capacity	(5)	kW	20,0	25,3	30,1	34,8	42,6	50,5	58,1	64,7
Total power input	(5)	kW	5,97	7,98	8,69	10,4	12,8	14,6	17,5	20,2
EER	(5)	kW/kW	3,35	3,17	3,46	3,35	3,33	3,46	3,32	3,20
23°C/15°C										
Cooling capacity	(6)	kW	23,4	29,5	35,1	40,5	49,3	58,5	67,2	74,5
Total power input	(6)	kW	6,06	8,26	8,94	10,8	13,1	15,1	18,2	21,0
EER	(6)	kW/kW	3,86	3,57	3,93	3,75	3,76	3,87	3,69	3,55
EXCHANGERS										
HEAT EXCHANGER USER SIDE IN REFRIGERATION										
Water flow	(1)	l/s	0,87	1,10	1,31	1,51	1,86	2,20	2,54	2,83
Pressure drop	(1)(2)	kPa	25,8	25,3	26,8	27,9	27,8	25,5	26,6	26,6
REFRIGERANT CIRCUIT										
Compressors nr.		N°	2	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1	1
Refrigerant charge		kg	3,50	3,70	6,80	7,00	7,30	8,30	9,20	9,40
NOISE LEVEL										
Sound power level in cooling	(8)(9)	dB(A)	74	77	82	84	86	83	84	84
SIZE AND WEIGHT										
A	(10)	mm	1500	1500	2480	2480	2480	2480	2480	2480
B	(10)	mm	900	900	1100	1100	1100	1100	1100	1100
H	(10)	mm	1910	1910	2100	2100	2100	2100	2100	2100
Operating weight	(10)	kg	423	431	795	798	868	928	930	949

NX-C-Z / A			0272	0302	0352	0402	0452	0502	0552	0602
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
PERFORMANCE										
COOLING ONLY (GROSS VALUE)										
Cooling capacity	(1)	kW	67,8	77,2	87,2	99,8	113	126	141	159
Total power input	(1)	kW	22,8	26,2	30,7	33,7	38,7	43,9	51,7	57,4
EER	(1)	kW/kW	2,97	2,95	2,84	2,96	2,92	2,87	2,73	2,76
COOLING ONLY (EN14511 VALUE)										
Cooling capacity	(1)(2)	kW	67,5	76,9	86,9	99,4	113	126	140	158
EER	(1)(2)	kW/kW	2,99	2,96	2,85	2,98	2,93	2,88	2,74	2,77
Cooling energy class			A	A	A	A	A	A	A	A
SEPR HT	(3)(4)		5,23	5,12	4,91	5,08	5,04	4,91	4,72	4,86
COOLING ONLY										
16°C/10°C										
Cooling capacity	(5)	kW	74,1	84,4	95,4	109	124	138	154	173
Total power input	(5)	kW	23,3	26,8	31,5	34,5	39,7	45,1	53,0	58,9
EER	(5)	kW/kW	3,18	3,15	3,03	3,17	3,11	3,05	2,90	2,94
23°C/15°C										
Cooling capacity	(6)	kW	85,6	97,3	110	127	142	158	177	200
Total power input	(6)	kW	24,1	27,8	32,8	36,1	41,5	47,2	55,6	61,7
EER	(6)	kW/kW	3,55	3,50	3,36	3,51	3,43	3,35	3,18	3,24
EXCHANGERS										
HEAT EXCHANGER USER SIDE IN REFRIGERATION										
Water flow	(1)	l/s	3,24	3,69	4,17	4,77	5,40	6,03	6,74	7,58
Pressure drop	(1)(2)	kPa	26,0	27,1	26,7	26,5	26,7	25,9	26,1	26,5
REFRIGERANT CIRCUIT										
Compressors nr.		N°	2	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1	1
Refrigerant charge		kg	11,6	12,0	12,8	16,8	17,3	18,6	19,2	21,1
NOISE LEVEL										
Sound power level in cooling	(8)(9)	dB(A)	90	83	84	83	85	86	88	93
SIZE AND WEIGHT										
A	(10)	mm	2980	2980	2980	2980	3970	3970	3970	4670
B	(10)	mm	1260	1260	1260	1260	1260	1260	1260	1260
H	(10)	mm	2100	2100	2100	2100	2100	2100	2100	2100
Operating weight	(10)	kg	1110	1174	1245	1391	1448	1590	1620	1778

NX-C-Z / A			0702	0524	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	400/3/50	400/3/50
PERFORMANCE									
COOLING ONLY (GROSS VALUE)									
Cooling capacity	(1)	kW	180	127	150	174	193	225	251
Total power input	(1)	kW	65,3	46,5	55,1	62,3	70,7	81,6	91,1
EER	(1)	kW/kW	2,76	2,74	2,72	2,78	2,74	2,76	2,76
COOLING ONLY (EN14511 VALUE)									
Cooling capacity	(1)(2)	kW	180	127	150	173	193	224	250
EER	(1)(2)	kW/kW	2,78	2,75	2,73	2,80	2,75	2,77	2,76
Cooling energy class			A	A	A	A	A	A	A
SEPR HT	(3)(4)		4,79	4,93	4,80	4,91	4,84	4,74	4,74
COOLING ONLY									
16°C/10°C									
Cooling capacity	(5)	kW	197	139	164	190	212	246	274
Total power input	(5)	kW	67,1	47,7	56,4	63,9	72,6	83,5	93,4
EER	(5)	kW/kW	2,94	2,91	2,90	2,97	2,92	2,95	2,93
23°C/15°C									
Cooling capacity	(6)	kW	227	159	188	219	244	285	315
Total power input	(6)	kW	70,4	49,9	58,8	66,7	76,2	86,8	97,7
EER	(6)	kW/kW	3,22	3,18	3,20	3,28	3,21	3,28	3,22
EXCHANGERS									
HEAT EXCHANGER USER SIDE IN REFRIGERATION									
Water flow	(1)	l/s	8,63	6,08	7,17	8,30	9,25	10,76	12,01
Pressure drop	(1)(2)	kPa	27,0	25,6	27,6	26,4	26,7	27,3	27,3
REFRIGERANT CIRCUIT									
Compressors nr.		N°	2	4	4	4	4	4	4
No. Circuits		N°	1	2	2	2	2	2	2
Refrigerant charge		kg	25,3	21,0	23,1	27,6	29,7	82,6	84,3
NOISE LEVEL									
Sound power level in cooling	(8)(9)	dB(A)	96	86	89	88	88	91	91
SIZE AND WEIGHT									
A	(10)	mm	5670	3970	4670	5670	5670	5670	5670
B	(10)	mm	1260	1260	1260	1260	1260	1260	1260
H	(10)	mm	2100	2100	2100	2100	2100	2100	2100
Operating weight	(10)	kg	2058	1564	1743	2217	2296	2453	2510

Notes:

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

2 Values in compliance with EN14511-3:2013.

3 Seasonal space heating energy index

4 Seasonal energy efficiency of high temperature process cooling [REGULATION (EU) N. 2016/2281]

5 Plant (side) cooling exchanger water (in/out) 16°C/ 10°C; Source (side) heat exchanger air (in) 35°C.

6 Acqua scambiatore freddo lato utenza (in/out) 23°C/15°C; Aria scambiatore lato sorgente (in) 35°C.

8 Sound power on the basis of measurements made in compliance with ISO 9614.

9 Sound power level in cooling, outdoors.

10 Unit in standard configuration/execution, without optional accessories.

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

Certified data in EUROVENT

