

## NECS-Z

## 0202T - 0612T

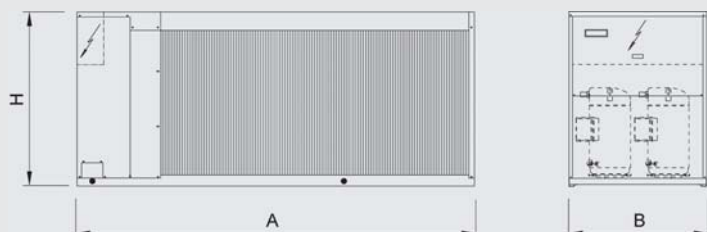
Chiller, air source for outdoor installation from 50,7 to 159 kW



NECS-Z / B		0202T	0252T	0302T	0352T	0412T	0452T	0512T	0552T	0612T	
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+N/50 400/3+N/50 400/3+N/50 400/3+N/50									
<b>PERFORMANCE</b>											
<b>COOLING ONLY (GROSS VALUE)</b>											
Cooling capacity	(1)	kW	53,0	58,1	76,0	86,8	96,9	112	127	145	159
Total power input	(1)	kW	18,3	21,5	27,8	31,9	36,3	39,7	43,7	50,2	58,6
EER	(1)	kW/kW	2,90	2,70	2,73	2,72	2,67	2,83	2,90	2,89	2,71
<b>COOLING ONLY (EN14511 VALUE)</b>											
Cooling capacity	(1)(2)	kW	52,9	58,0	75,8	86,5	96,7	112	126	144	158
EER	(1)(2)	kW/kW	2,88	2,68	2,71	2,69	2,65	2,80	2,87	2,85	2,67
Cooling energy class			C	D	C	D	D	C	C	C	D
SEPR HT	(3)(4)		5,01	4,61	4,65	4,60	4,56	4,73	4,80	4,82	4,56
<b>COOLING ONLY</b>											
<b>16°C/10°C</b>											
Cooling capacity	(5)	kW	57,7	63,0	82,5	94,4	106	122	137	157	172
Total power input	(5)	kW	18,7	21,9	28,6	32,9	37,6	40,8	44,9	51,6	60,4
EER	(5)	kW/kW	3,09	2,88	2,88	2,87	2,81	2,99	3,06	3,04	2,84
<b>23°C/15°C</b>											
Cooling capacity	(6)	kW	65,4	70,8	93,4	107	120	138	155	177	193
Total power input	(6)	kW	19,3	22,5	29,7	34,4	39,6	42,6	46,5	53,7	63,3
EER	(6)	kW/kW	3,39	3,15	3,14	3,11	3,03	3,24	3,33	3,30	3,05
<b>EXCHANGERS</b>											
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>											
Water flow	(1)	l/s	2,54	2,78	3,63	4,15	4,63	5,37	6,06	6,93	7,58
Pressure drop	(1)(2)	kPa	6,25	7,64	13,1	17,2	12,8	17,2	15,7	21,7	25,9
<b>REFRIGERANT CIRCUIT</b>											
Compressors nr.		N°	2	2	2	2	2	2	2	2	2
No. Circuits		N°	2	2	2	2	2	2	2	2	2
Refrigerant charge		kg	10,3	10,3	12,6	13,7	16,2	17,8	21,4	25,1	22,9
<b>NOISE LEVEL</b>											
Sound Pressure	(7)	dB(A)	53	53	53	54	54	54	55	55	55
Sound power level in cooling	(8)(9)	dB(A)	85	85	85	86	86	86	87	87	87
<b>SIZE AND WEIGHT</b>											
A	(10)	mm	2195	2195	2195	2195	2745	2745	3245	3245	3245
B	(10)	mm	1120	1120	1120	1120	1120	1120	1120	1120	1120
H	(10)	mm	1465	1465	1465	1465	1465	1465	1665	1665	1665
Operating weight	(10)	kg	625	625	665	765	920	990	1135	1180	1155

**Accessories:**

- ▶ Traditional coils available with prepainted fins or Fin Guard Silver protective treatment.
- ▶ Copper-Copper heat exchanger coils
- ▶ Compressor power factor correction
- ▶ Soft start
- ▶ Compressor suction and discharge valves
- ▶ High and low pressure gauges
- ▶ Compact keyboard with LCD display and multi-language user interface (referred to the shown picture)
- ▶ Hydronic group



NECS-Z / LN			0202T	0252T	0302T	0412T	0452T	0512T	0552T
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+N/50
<b>PERFORMANCE</b>									
<b>COOLING ONLY (GROSS VALUE)</b>									
Cooling capacity	(1)	kW	50,7	57,6	74,2	96,4	109	122	139
Total power input	(1)	kW	18,9	21,2	28,6	37,1	41,4	45,9	53,1
EER	(1)	kW/kW	2,68	2,72	2,59	2,60	2,63	2,66	2,61
<b>COOLING ONLY (EN14511 VALUE)</b>									
Cooling capacity	(1)(2)	kW	50,6	57,5	74,0	96,2	108	122	138
EER	(1)(2)	kW/kW	2,67	2,70	2,57	2,58	2,60	2,64	2,59
Cooling energy class			D	C	D	D	D	D	D
SEPR HT	(3)(4)		4,78	4,72	4,51	4,52	4,51	4,50	4,51
<b>COOLING ONLY</b>									
<b>16°C/10°C</b>									
Cooling capacity	(5)	kW	55,0	62,4	80,5	105	118	132	157
Total power input	(5)	kW	19,4	21,7	29,4	38,4	42,7	47,1	51,6
EER	(5)	kW/kW	2,84	2,88	2,74	2,73	2,76	2,80	3,04
<b>23°C/15°C</b>									
Cooling capacity	(6)	kW	62,1	70,0	91,3	124	139	155	177
Total power input	(6)	kW	20,1	22,3	30,6	38,2	41,9	46,5	53,7
EER	(6)	kW/kW	3,09	3,14	2,98	3,24	3,33	3,33	3,30
<b>EXCHANGERS</b>									
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>									
Water flow	(1)	l/s	2,42	2,75	3,55	4,61	5,20	5,83	6,64
Pressure drop	(1)(2)	kPa	5,70	7,50	12,5	12,7	16,2	14,6	19,9
<b>REFRIGERANT CIRCUIT</b>									
Compressors nr.		N°	2	2	2	2	2	2	2
No. Circuits		N°	2	2	2	2	2	2	2
Refrigerant charge		kg	10,3	12,6	11,9	17,8	19,6	21,4	25,1
<b>NOISE LEVEL</b>									
Sound Pressure	(7)	dB(A)	48	48	49	51	51	52	52
Sound power level in cooling	(8)(9)	dB(A)	80	80	81	83	83	84	84
<b>SIZE AND WEIGHT</b>									
A	(10)	mm	2195	2195	2745	2745	2745	3245	3245
B	(10)	mm	1120	1120	1120	1120	1120	1120	1120
H	(10)	mm	1465	1465	1465	1665	1665	1665	1665
Operating weight	(10)	kg	625	650	715	965	1025	1135	1180

**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 Plant (side) cooling exchanger water (in/out) 23°C/ 15°C; Source (side) heat exchanger air (in) 35°C.
- 7 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.
- 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 [GWP<sub>100</sub> 2088] fluorinated greenhouse gases.

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## NECS-Z

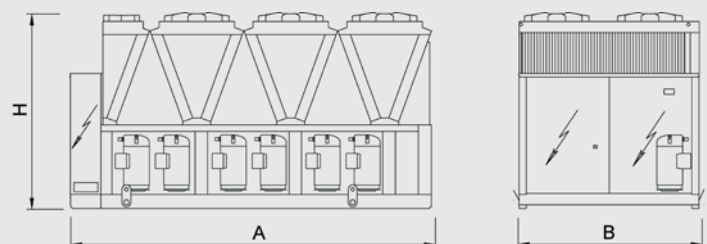
1314 - 3218

Chiller, air source for  
outdoor installation  
from 334 to 795 kW

NECS-Z / B			1314	1414
Power supply		V/ph/Hz	400/3/50	400/3/50
<b>PERFORMANCE</b>				
<b>COOLING ONLY (GROSS VALUE)</b>				
Cooling capacity	(1)	kW	354	379
Total power input	(1)	kW	124	130
EER	(1)	kW/kW	2,85	2,91
<b>COOLING ONLY (EN14511 VALUE)</b>				
Cooling capacity	(1)(2)	kW	353	377
EER	(1)(2)	kW/kW	2,80	2,87
Cooling energy class			C	C
SEPR HT	(3)(4)		4,86	4,86
<b>COOLING ONLY</b>				
<b>16°C/10°C</b>				
Cooling capacity	(5)	kW	384	410
Total power input	(5)	kW	128	134
EER	(5)	kW/kW	3,00	3,07
<b>23°C/15°C</b>				
Cooling capacity	(6)	kW	433	462
Total power input	(6)	kW	133	139
EER	(6)	kW/kW	3,25	3,33
<b>EXCHANGERS</b>				
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>				
Water flow	(1)	l/s	16,94	18,12
Pressure drop	(1)(2)	kPa	54,0	43,8
<b>REFRIGERANT CIRCUIT</b>				
Compressors nr.		N°	4	4
No. Circuits		N°	2	2
Refrigerant charge		kg	39,0	45,0
<b>NOISE LEVEL</b>				
Sound Pressure	(7)	dB(A)	64	64
Sound power level in cooling	(8)(9)	dB(A)	96	96
<b>SIZE AND WEIGHT</b>				
A	(10)	mm	3905	3905
B	(10)	mm	2260	2260
H	(10)	mm	2450	2450
Operating weight	(10)	kg	2730	2770

**Accessories:**

- ▶ Set-up for remote connectivity with ModBus/Echelon protocol cards
- ▶ Remote control keyboard (distance to 200m and to 500m)
- ▶ Soft starters



NECS-Z / SL			1314	1414	1614	1715	1816	2015	2116
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
<b>PERFORMANCE</b>									
<b>COOLING ONLY (GROSS VALUE)</b>									
Cooling capacity	(1)	kW	334	358	397	431	465	498	532
Total power input	(1)	kW	129	137	153	168	183	192	206
EER	(1)	kW/kW	2,58	2,61	2,60	2,57	2,55	2,60	2,58
<b>COOLING ONLY (EN14511 VALUE)</b>									
Cooling capacity	(1)(2)	kW	332	357	396	430	463	496	531
EER	(1)(2)	kW/kW	2,55	2,58	2,56	2,53	2,51	2,57	2,55
Cooling energy class			D	D	D	D	D	D	D
SEPR HT	(3)(4)		5,14	5,04	5,02	5,03	5,11	5,00	5,05
<b>COOLING ONLY</b>									
<b>16°C/10°C</b>									
Cooling capacity	(5)	kW	360	387	428	465	502	536	574
Total power input	(5)	kW	133	142	158	174	189	198	213
EER	(5)	kW/kW	2,70	2,73	2,71	2,68	2,66	2,71	2,70
<b>23°C/15°C</b>									
Cooling capacity	(6)	kW	427	433	510	552	597	639	680
Total power input	(6)	kW	132	148	153	171	187	192	210
EER	(6)	kW/kW	3,25	2,92	3,33	3,23	3,20	3,33	3,24
<b>EXCHANGERS</b>									
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>									
Water flow	(1)	l/s	15,95	17,13	19,01	20,63	22,24	23,80	25,46
Pressure drop	(1)(2)	kPa	47,8	39,2	48,2	43,0	50,0	35,2	40,3
<b>REFRIGERANT CIRCUIT</b>									
Compressors nr.		N°	4	4	4	5	6	5	6
No. Circuits		N°	2	2	2	2	2	2	2
Refrigerant charge		kg	42,0	45,0	54,0	57,0	55,0	72,0	71,0
<b>NOISE LEVEL</b>									
Sound Pressure	(7)	dB(A)	54	54	54	54	54	54	54
Sound power level in cooling	(8)(9)	dB(A)	86	86	86	87	87	87	87
<b>SIZE AND WEIGHT</b>									
A	(10)	mm	5080	5080	5080	6255	6255	6255	7430
B	(10)	mm	2260	2260	2260	2260	2260	2260	2260
H	(10)	mm	2450	2450	2450	2450	2450	2450	2450
Operating weight	(10)	kg	3060	3160	3200	3900	4110	4190	4640

NECS-Z / SL			2316	2416	2418	2618	2818	3018	3218
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
<b>PERFORMANCE</b>									
<b>COOLING ONLY (GROSS VALUE)</b>									
Cooling capacity	(1)	kW	579	596	616	666	718	758	795
Total power input	(1)	kW	220	230	245	258	275	288	306
EER	(1)	kW/kW	2,63	2,59	2,52	2,58	2,61	2,63	2,60
<b>COOLING ONLY (EN14511 VALUE)</b>									
Cooling capacity	(1)(2)	kW	577	594	614	664	716	755	792
EER	(1)(2)	kW/kW	2,60	2,56	2,49	2,55	2,58	2,60	2,56
Cooling energy class			D	D	E	D	D	D	D
SEPR HT	(3)(4)		5,01	5,01	5,20	5,20	5,12	5,05	5,03
<b>COOLING ONLY</b>									
<b>16°C/10°C</b>									
Cooling capacity	(5)	kW	625	642	665	719	775	817	856
Total power input	(5)	kW	227	237	253	267	284	298	316
EER	(5)	kW/kW	2,75	2,71	2,63	2,70	2,73	2,75	2,71
<b>23°C/15°C</b>									
Cooling capacity	(6)	kW	741	765	799	854	868	965	1020
Total power input	(6)	kW	222	230	246	263	297	293	306
EER	(6)	kW/kW	3,33	3,33	3,24	3,25	2,92	3,29	3,33
<b>EXCHANGERS</b>									
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>									
Water flow	(1)	l/s	27,70	28,49	29,45	31,87	34,32	36,24	38,00
Pressure drop	(1)(2)	kPa	40,8	43,1	41,6	48,7	38,2	42,6	46,8
<b>REFRIGERANT CIRCUIT</b>									
Compressors nr.		N°	6	6	8	8	8	8	8
No. Circuits		N°	3	2	4	4	4	4	4
Refrigerant charge		kg	77,0	86,0	89,0	89,0	93,0	103	112
<b>NOISE LEVEL</b>									
Sound Pressure	(7)	dB(A)	55	55	55	56	57	57	57
Sound power level in cooling	(8)(9)	dB(A)	88	88	88	89	90	90	90
<b>SIZE AND WEIGHT</b>									
A	(10)	mm	7430	7430	7430	8605	9780	9780	9780
B	(10)	mm	2260	2260	2260	2260	2260	2260	2260
H	(10)	mm	2450	2450	2450	2450	2450	2450	2450
Operating weight	(10)	kg	4730	4790	5410	5810	6160	6200	6250

**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 Plant (side) cooling exchanger water (in/out) 23°C/ 15°C; Source (side) heat exchanger air (in) 35°C.
- 7 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.
- 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 [GWP<sub>100</sub> 2088] fluorinated greenhouse gases.

Certified data in EUROVENT



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# NX-Z

## 0152P - 0812P

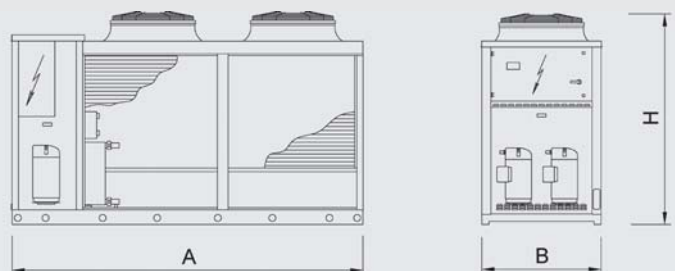
Chiller, air source  
for outdoor installation  
from 39,2 to 227 kW



NX-Z / K			0152P	0182P	0202P	0252P	0262P	0302P	0352P
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+N/50
<b>PERFORMANCE</b>									
<b>COOLING ONLY (GROSS VALUE)</b>									
Cooling capacity	(1)	kW	39,2	44,3	51,9	58,9	65,0	77,6	88,5
Total power input	(1)	kW	13,5	15,6	18,1	20,5	23,5	26,8	31,3
EER	(1)	kW/kW	2,90	2,84	2,87	2,87	2,77	2,90	2,83
<b>COOLING ONLY (EN14511 VALUE)</b>									
Cooling capacity	(1)(2)	kW	39,0	44,0	51,6	58,6	64,7	77,2	87,9
EER	(1)(2)	kW/kW	2,83	2,78	2,80	2,82	2,71	2,84	2,76
Cooling energy class			C	C	C	C	C	C	C
SEPR HT	(3)(4)		5,39	5,41	5,37	5,32	5,29	5,19	5,12
<b>COOLING ONLY</b>									
<b>16°C/10°C</b>									
Cooling capacity	(5)	kW	42,7	48,2	56,5	63,8	70,3	84,1	96,2
Total power input	(5)	kW	13,8	16,1	18,5	20,9	24,1	27,5	32,3
EER	(5)	kW/kW	3,09	2,99	3,05	3,05	2,92	3,06	2,98
<b>23°C/15°C</b>									
Cooling capacity	(6)	kW	48,5	54,6	64,0	71,8	78,8	94,7	109
Total power input	(6)	kW	14,2	16,8	19,2	21,5	25,1	28,5	33,9
EER	(6)	kW/kW	3,42	3,25	3,33	3,34	3,14	3,32	3,21
<b>EXCHANGERS</b>									
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>									
Water flow	(1)	l/s	1,88	2,12	2,48	2,82	3,11	3,71	4,23
Pressure drop	(1)(2)	kPa	36,3	34,1	36,3	33,4	33,2	33,9	54,1
<b>REFRIGERANT CIRCUIT</b>									
Compressors nr.		N°	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1
Refrigerant charge		kg	5,60	6,00	6,30	7,30	7,80	8,80	9,90
<b>NOISE LEVEL</b>									
Sound Pressure	(7)	dB(A)	51	51	52	52	52	53	54
Sound power level in cooling	(8)(9)	dB(A)	83	83	84	84	84	85	86
<b>SIZE AND WEIGHT</b>									
A	(10)	mm	1825	1825	1825	2395	2395	2395	2395
B	(10)	mm	1195	1195	1195	1195	1195	1195	1195
H	(10)	mm	1865	1865	1865	1865	1865	1865	1865
Operating weight	(10)	kg	470	480	490	540	550	570	660

### Accessories:

- ▶ Microchannel coils with e-coating protection
- ▶ Traditional coils with copper tubes and aluminium fins, also available with prepainted fins or Fin Guard Silver protective treatment.
- ▶ Copper-Copper heat exchanger coils
- ▶ Compressor power factor correction
- ▶ Soft start
- ▶ Compressor suction and discharge valves
- ▶ High and low pressure gauges
- ▶ DVVF and DVV2F devices for low air temperature operation
- ▶ Hydronic group with possible storage tank
- ▶ Anti-intrusion grills



NX-Z / K			0402P	0452P	0502P	0552P	0602P	0702P	0802P
Power supply		V/ph/Hz	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
<b>PERFORMANCE</b>									
<b>COOLING ONLY (GROSS VALUE)</b>									
Cooling capacity	(1)	kW	102	114	127	144	166	189	207
Total power input	(1)	kW	35,4	40,1	44,9	52,3	57,7	67,9	77,9
EER	(1)	kW/kW	2,88	2,86	2,84	2,76	2,87	2,79	2,65
<b>COOLING ONLY (EN14511 VALUE)</b>									
Cooling capacity	(1)(2)	kW	101	114	127	144	165	189	206
EER	(1)(2)	kW/kW	2,82	2,79	2,78	2,70	2,82	2,74	2,60
Cooling energy class			C	C	C	C	C	C	D
SEPR HT	(3)(4)		4,88	4,90	5,00	4,94	4,96	4,85	4,60
<b>COOLING ONLY</b>									
<b>16°C/10°C</b>									
Cooling capacity	(5)	kW	111	125	138	156	180	205	223
Total power input	(5)	kW	36,3	41,2	46,1	53,8	59,2	69,7	80,1
EER	(5)	kW/kW	3,07	3,02	3,00	2,91	3,04	2,95	2,79
<b>23°C/15°C</b>									
Cooling capacity	(6)	kW	127	141	156	176	204	232	251
Total power input	(6)	kW	37,8	42,8	47,7	56,0	61,5	72,5	83,5
EER	(6)	kW/kW	3,35	3,30	3,27	3,14	3,32	3,19	3,00
<b>EXCHANGERS</b>									
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>									
Water flow	(1)	l/s	4,88	5,47	6,09	6,90	7,92	9,06	9,88
Pressure drop	(1)(2)	kPa	49,9	51,3	49,1	52,1	49,3	49,8	59,2
<b>REFRIGERANT CIRCUIT</b>									
Compressors nr.		N°	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1
Refrigerant charge		kg	11,1	12,4	13,2	13,7	15,4	16,0	16,5
<b>NOISE LEVEL</b>									
Sound Pressure	(7)	dB(A)	56	56	56	57	58	58	59
Sound power level in cooling	(8)(9)	dB(A)	88	88	88	89	90	90	91
<b>SIZE AND WEIGHT</b>									
A	(10)	mm	2825	2825	2825	3360	3980	3980	3980
B	(10)	mm	1195	1195	1195	1195	1195	1195	1195
H	(10)	mm	1980	1980	1980	1980	1980	1980	1980
Operating weight	(10)	kg	830	870	900	980	1130	1110	1140

NX-Z / LN-K			0152P	0182P	0202P	0252P	0262P	0302P	0352P
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
<b>PERFORMANCE</b>									
<b>COOLING ONLY (GROSS VALUE)</b>									
Cooling capacity	(1)	kW	39,3	44,3	51,7	58,8	65,5	74,7	89,9
Total power input	(1)	kW	13,6	15,8	18,5	20,4	23,2	28,3	31,1
EER	(1)	kW/kW	2,89	2,80	2,79	2,88	2,82	2,64	2,89
<b>COOLING ONLY (EN14511 VALUE)</b>									
Cooling capacity	(1)(2)	kW	39,1	44,0	51,4	58,5	65,2	74,4	89,3
EER	(1)(2)	kW/kW	2,82	2,74	2,73	2,83	2,77	2,60	2,82
Cooling energy class			C	C	C	C	C	D	C
SEPR HT	(3)(4)		5,50	5,47	5,41	5,29	5,34	5,18	5,02
<b>COOLING ONLY</b>									
<b>16°C/10°C</b>									
Cooling capacity	(5)	kW	42,7	48,3	56,2	63,7	70,9	80,6	97,8
Total power input	(5)	kW	13,9	16,3	19,0	20,8	23,8	29,2	32,0
EER	(5)	kW/kW	3,07	2,96	2,96	3,06	2,98	2,76	3,06
<b>23°C/15°C</b>									
Cooling capacity	(6)	kW	48,3	54,8	63,6	71,8	79,6	90,1	111
Total power input	(6)	kW	14,4	17,1	19,7	21,3	24,8	30,4	33,4
EER	(6)	kW/kW	3,35	3,20	3,23	3,37	3,21	2,96	3,32
<b>EXCHANGERS</b>									
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>									
Water flow	(1)	l/s	1,88	2,12	2,47	2,81	3,13	3,57	4,30
Pressure drop	(1)(2)	kPa	36,3	34,2	36,0	33,3	33,7	31,4	55,9
<b>REFRIGERANT CIRCUIT</b>									
Compressors nr.		N°	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1
Refrigerant charge		kg	5,80	6,00	7,10	7,30	7,80	8,80	10,5
<b>NOISE LEVEL</b>									
Sound Pressure	(7)	dB(A)	47	47	47	48	48	48	51
Sound power level in cooling	(8)(9)	dB(A)	79	79	79	80	80	80	83
<b>SIZE AND WEIGHT</b>									
A	(10)	mm	1825	1825	2395	2395	2395	2395	2825
B	(10)	mm	1195	1195	1195	1195	1195	1195	1195
H	(10)	mm	1865	1865	1865	1865	1865	1865	1980
Operating weight	(10)	kg	480	500	540	570	570	580	780

**Notes:**

- Plant (side) cooling exchanger water (in/out) 12°C/7°C; Source (side) heat exchanger air (in) 35°C.
- Values in compliance with EN14511-3:2013.
- Average sound pressure level at 10m distance, unit in a free field on a reflective surface; non-binding value calculated from the sound power level.
- Sound power on the basis of measurements made in compliance with ISO 9614.
- Sound power level in cooling, outdoors.
- Unit in standard configuration/execution, without optional accessories.
- Seasonal energy efficiency of the cooling environment in AVERAGE climatic conditions [REGULATION (EU) N. 2016/2281]
- Seasonal space heating energy index
- Seasonal energy efficiency of the space cooling

The units highlighted in this publication contain HFC R410A [GWP<sub>100</sub> 2088] fluorinated greenhouse gases.

Certified data in EUROVENT



## NX-Z 0152P - 0812P

Chiller, air source for outdoor installation  
39,2-227 kW

NX-Z / LN-K			0402P	0452P	0502P	0552P	0602P	0702P	0802P
Power supply		V/ph/Hz	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
<b>PERFORMANCE</b>									
<b>COOLING ONLY (GROSS VALUE)</b>									
Cooling capacity	(1)	kW	99,4	113	125	140	163	179	194
Total power input	(1)	kW	35,9	39,3	44,2	52,9	58,1	70,3	81,9
EER	(1)	kW/kW	2,77	2,87	2,83	2,64	2,80	2,55	2,37
<b>COOLING ONLY (EN14511 VALUE)</b>									
Cooling capacity	(1)(2)	kW	98,8	112	124	139	162	179	193
EER	(1)(2)	kW/kW	2,71	2,81	2,78	2,60	2,75	2,51	2,33
Cooling energy class			C	C	C	D	C	D	E
SEPR HT	(3)(4)		5,01	5,10	5,23	5,05	5,14	4,79	4,58
<b>COOLING ONLY</b>									
<b>16°C/10°C</b>									
Cooling capacity	(5)	kW	108	123	136	151	177	194	223
Total power input	(5)	kW	37,2	40,4	45,4	54,6	59,8	72,6	80,1
EER	(5)	kW/kW	2,91	3,04	2,99	2,77	2,95	2,67	2,79
<b>23°C/15°C</b>									
Cooling capacity	(6)	kW	123	139	153	180	199	232	251
Total power input	(6)	kW	39,1	42,1	47,1	54,6	62,6	72,5	83,5
EER	(6)	kW/kW	3,16	3,30	3,24	3,30	3,18	3,19	3,00
<b>EXCHANGERS</b>									
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>									
Water flow	(1)	l/s	4,75	5,40	5,99	6,69	7,78	8,58	9,28
Pressure drop	(1)(2)	kPa	47,4	49,8	47,4	49,0	47,6	44,7	52,3
<b>REFRIGERANT CIRCUIT</b>									
Compressors nr.		N°	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1
Refrigerant charge		kg	11,1	12,7	13,6	13,7	15,4	16,0	16,5
<b>NOISE LEVEL</b>									
Sound Pressure	(7)	dB(A)	51	52	52	52	53	53	53
Sound power level in cooling	(8)(9)	dB(A)	83	84	84	84	85	85	85
<b>SIZE AND WEIGHT</b>									
A	(10)	mm	2825	3360	3360	3360	3980	3980	3980
B	(10)	mm	1195	1195	1195	1195	1195	1195	1195
H	(10)	mm	1980	1980	1980	1980	1980	1980	1980
Operating weight	(10)	kg	880	1000	1030	1060	1180	1150	1180
<b>NX-Z / SL-K</b>			<b>0152P</b>	<b>0182P</b>	<b>0202P</b>	<b>0252P</b>	<b>0262P</b>	<b>0302P</b>	<b>0352P</b>
Power supply		V/ph/Hz	400/3+N/50	400/3+N/50	400/3+N/50	400/3/50	400/3/50	400/3/50	400/3/50
<b>PERFORMANCE</b>									
<b>COOLING ONLY (GROSS VALUE)</b>									
Cooling capacity	(1)	kW	39,4	44,6	52,3	58,9	65,9	77,7	88,5
Total power input	(1)	kW	13,9	16,1	18,2	20,3	22,9	27,4	30,5
EER	(1)	kW/kW	2,83	2,77	2,87	2,90	2,88	2,84	2,90
<b>COOLING ONLY (EN14511 VALUE)</b>									
Cooling capacity	(1)(2)	kW	39,2	44,3	52,0	58,6	65,6	77,3	87,9
EER	(1)(2)	kW/kW	2,77	2,71	2,81	2,84	2,82	2,78	2,83
Cooling energy class			C	C	C	C	C	C	C
SEPR HT	(3)(4)		5,28	5,32	5,48	5,07	5,17	5,27	5,14
<b>COOLING ONLY</b>									
<b>16°C/10°C</b>									
Cooling capacity	(5)	kW	42,9	48,6	56,8	64,1	71,4	84,1	96,2
Total power input	(5)	kW	14,2	16,6	18,6	20,6	23,5	28,2	31,4
EER	(5)	kW/kW	3,02	2,93	3,05	3,11	3,04	2,98	3,06
<b>23°C/15°C</b>									
Cooling capacity	(6)	kW	48,6	55,1	64,4	72,6	80,5	94,4	109
Total power input	(6)	kW	14,6	17,3	19,3	21,1	24,3	29,3	32,8
EER	(6)	kW/kW	3,33	3,18	3,34	3,44	3,31	3,22	3,33
<b>EXCHANGERS</b>									
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>									
Water flow	(1)	l/s	1,88	2,13	2,50	2,82	3,15	3,72	4,23
Pressure drop	(1)(2)	kPa	36,6	34,6	36,8	33,4	34,1	34,0	54,1
<b>REFRIGERANT CIRCUIT</b>									
Compressors nr.		N°	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1
Refrigerant charge		kg	5,90	7,00	7,10	7,60	8,50	9,30	10,8
<b>NOISE LEVEL</b>									
Sound Pressure	(7)	dB(A)	44	45	45	46	46	46	47
Sound power level in cooling	(8)(9)	dB(A)	76	77	77	78	78	78	79
<b>SIZE AND WEIGHT</b>									
A	(10)	mm	2395	2395	2395	2825	2825	2825	3360
B	(10)	mm	1195	1195	1195	1195	1195	1195	1195
H	(10)	mm	1865	1865	1865	1980	1980	1980	1980
Operating weight	(10)	kg	540	550	560	670	680	680	860



NX-Z / SL-K			0402P	0452P	0502P	0552P	0602P	0702P	
Power supply		V/ph/Hz	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	
<b>PERFORMANCE</b>									
<b>COOLING ONLY (GROSS VALUE)</b>									
Cooling capacity	(1)	kW	100	113	124	140	153	175	
Total power input	(1)	kW	35,1	39,3	44,8	52,5	61,7	72,1	
EER	(1)	kW/kW	2,85	2,89	2,77	2,68	2,48	2,43	
<b>COOLING ONLY (EN14511 VALUE)</b>									
Cooling capacity	(1)(2)	kW	99,4	113	124	140	152	175	
EER	(1)(2)	kW/kW	2,79	2,82	2,72	2,63	2,44	2,40	
Cooling energy class			C	C	C	D	E	E	
SEPR HT	(3)(4)		5,31	5,18	5,24	5,02	5,03	4,66	
<b>COOLING ONLY</b>									
<b>16°C/10°C</b>									
Cooling capacity	(5)	kW	109	123	135	152	177	205	
Total power input	(5)	kW	36,3	40,5	46,0	54,0	59,8	69,7	
EER	(5)	kW/kW	3,00	3,04	2,92	2,81	2,95	2,95	
<b>23°C/15°C</b>									
Cooling capacity	(6)	kW	124	140	151	182	199	232	
Total power input	(6)	kW	38,2	42,2	47,7	53,2	62,6	72,5	
EER	(6)	kW/kW	3,25	3,31	3,17	3,42	3,18	3,19	
<b>EXCHANGERS</b>									
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>									
Water flow	(1)	l/s	4,78	5,42	5,95	6,72	7,32	8,39	
Pressure drop	(1)(2)	kPa	48,0	50,3	46,7	49,4	42,0	42,7	
<b>REFRIGERANT CIRCUIT</b>									
Compressors nr.		N°	2	2	2	2	2	2	
No. Circuits		N°	1	1	1	1	1	1	
Refrigerant charge		kg	11,9	13,1	14,0	14,5	15,4	16,0	
<b>NOISE LEVEL</b>									
Sound Pressure	(7)	dB(A)	48	49	49	50	50	51	
Sound power level in cooling	(8)(9)	dB(A)	80	81	81	82	82	83	
<b>SIZE AND WEIGHT</b>									
A	(10)	mm	3360	3980	3980	3980	3980	3980	
B	(10)	mm	1195	1195	1195	1195	1195	1195	
H	(10)	mm	1980	1980	1980	1980	1980	1980	
Operating weight	(10)	kg	960	1070	1080	1110	1180	1150	
NX-Z / CA			0152P	0182P	0202P	0252P	0262P	0302P	0352P
Power supply		V/ph/Hz	400/3+N/50	400/3+N/50	400/3+N/50	400/3+N/50	400/3+N/50	400/3/50	400/3/50
<b>PERFORMANCE</b>									
<b>COOLING ONLY (GROSS VALUE)</b>									
Cooling capacity	(1)	kW	41,7	47,4	55,0	62,5	69,6	85,0	96,6
Total power input	(1)	kW	12,8	14,5	16,7	19,3	21,8	26,5	30,2
EER	(1)	kW/kW	3,26	3,27	3,29	3,24	3,19	3,21	3,20
<b>COOLING ONLY (EN14511 VALUE)</b>									
Cooling capacity	(1)(2)	kW	41,4	47,1	54,7	62,2	69,2	84,5	95,9
EER	(1)(2)	kW/kW	3,17	3,18	3,21	3,16	3,12	3,14	3,11
Cooling energy class			A	A	A	A	A	A	A
SEPR HT	(3)(4)		5,58	5,81	5,50	5,44	5,47	5,24	5,18
<b>COOLING ONLY</b>									
<b>16°C/10°C</b>									
Cooling capacity	(5)	kW	45,5	51,6	60,0	68,1	75,6	92,6	105
Total power input	(5)	kW	13,1	14,9	17,0	19,6	22,3	27,0	30,9
EER	(5)	kW/kW	3,47	3,46	3,53	3,47	3,39	3,43	3,41
<b>23°C/15°C</b>									
Cooling capacity	(6)	kW	51,9	58,5	68,3	77,4	85,4	105	120
Total power input	(6)	kW	13,4	15,4	17,5	20,0	23,1	27,8	31,9
EER	(6)	kW/kW	3,87	3,80	3,90	3,87	3,70	3,78	3,76
<b>EXCHANGERS</b>									
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>									
Water flow	(1)	l/s	1,99	2,27	2,63	2,99	3,33	4,07	4,62
Pressure drop	(1)(2)	kPa	40,9	39,1	40,7	37,6	38,0	40,7	64,4
<b>REFRIGERANT CIRCUIT</b>									
Compressors nr.		N°	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1
Refrigerant charge		kg	6,30	7,90	8,00	8,10	8,70	10,0	12,0
<b>NOISE LEVEL</b>									
Sound Pressure	(7)	dB(A)	52	52	53	53	54	56	56
Sound power level in cooling	(8)(9)	dB(A)	84	84	85	85	86	88	88
<b>SIZE AND WEIGHT</b>									
A	(10)	mm	1825	2395	2395	2395	2395	2825	3360
B	(10)	mm	1195	1195	1195	1195	1195	1195	1195
H	(10)	mm	1865	1865	1865	1865	1865	1980	1980
Operating weight	(10)	kg	480	540	550	560	570	680	830





## NX-Z 0152P - 0812P

Chiller, air source for outdoor installation  
39,2-227 kW

NX-Z / CA			0402P	0452P	0502P	0562P	0612P	0712P	0812P
Power supply		V/ph/Hz	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
<b>PERFORMANCE</b>									
<b>COOLING ONLY (GROSS VALUE)</b>									
Cooling capacity	(1)	kW	108	122	138	160	178	201	227
Total power input	(1)	kW	33,6	38,3	42,6	48,9	55,4	63,5	70,5
EER	(1)	kW/kW	3,21	3,18	3,23	3,28	3,22	3,17	3,22
<b>COOLING ONLY (EN14511 VALUE)</b>									
Cooling capacity	(1)(2)	kW	107	121	137	159	178	200	226
EER	(1)(2)	kW/kW	3,13	3,10	3,16	3,20	3,15	3,10	3,14
Cooling energy class			A	A	A	A	A	A	A
SEPR HT	(3)(4)		5,30	5,35	5,22	5,11	5,24	5,12	4,82
<b>COOLING ONLY</b>									
<b>16°C/10°C</b>									
Cooling capacity	(5)	kW	118	133	150	175	195	219	247
Total power input	(5)	kW	34,5	39,2	43,5	49,8	56,6	64,9	71,8
EER	(5)	kW/kW	3,42	3,39	3,45	3,51	3,44	3,37	3,44
<b>23°C/15°C</b>									
Cooling capacity	(6)	kW	134	151	171	199	222	248	279
Total power input	(6)	kW	35,8	40,7	44,8	51,2	58,5	66,9	73,6
EER	(6)	kW/kW	3,75	3,71	3,81	3,90	3,79	3,71	3,80
<b>EXCHANGERS</b>									
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>									
Water flow	(1)	l/s	5,16	5,83	6,59	7,67	8,53	9,62	10,86
Pressure drop	(1)(2)	kPa	56,0	58,2	57,4	64,4	57,2	56,2	71,5
<b>REFRIGERANT CIRCUIT</b>									
Compressors nr.		N°	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1
Refrigerant charge		kg	13,3	14,3	15,3	18,8	20,3	23,0	24,5
<b>NOISE LEVEL</b>									
Sound Pressure	(7)	dB(A)	58	58	58	59	59	60	61
Sound power level in cooling	(8)(9)	dB(A)	90	90	90	91	91	92	93
<b>SIZE AND WEIGHT</b>									
A	(10)	mm	3360	3360	3980	3160	3160	3160	4335
B	(10)	mm	1195	1195	1195	2250	2250	2250	2250
H	(10)	mm	1980	1980	1980	2170	2170	2170	2170
Operating weight	(10)	kg	960	1000	1080	1510	1550	1570	1810
<b>NX-Z / LN-CA</b>			<b>0152P</b>	<b>0182P</b>	<b>0202P</b>	<b>0252P</b>	<b>0262P</b>	<b>0302P</b>	<b>0352P</b>
Power supply		V/ph/Hz	400/3+N/50	400/3+N/50	400/3+N/50	400/3/50	400/3/50	400/3/50	400/3/50
<b>PERFORMANCE</b>									
<b>COOLING ONLY (GROSS VALUE)</b>									
Cooling capacity	(1)	kW	41,5	47,0	55,0	63,5	70,7	82,7	94,4
Total power input	(1)	kW	12,6	14,4	17,2	19,5	21,9	26,0	29,3
EER	(1)	kW/kW	3,29	3,26	3,20	3,26	3,23	3,18	3,22
<b>COOLING ONLY (EN14511 VALUE)</b>									
Cooling capacity	(1)(2)	kW	41,2	46,7	54,7	63,1	70,3	82,3	93,8
EER	(1)(2)	kW/kW	3,20	3,18	3,12	3,18	3,15	3,11	3,13
Cooling energy class			A	A	A	A	A	A	A
SEPR HT	(3)(4)		5,57	5,78	5,75	5,28	5,33	5,42	5,37
<b>COOLING ONLY</b>									
<b>16°C/10°C</b>									
Cooling capacity	(5)	kW	45,3	51,1	59,9	69,3	76,8	89,8	103
Total power input	(5)	kW	12,8	14,7	17,6	19,8	22,4	26,6	30,1
EER	(5)	kW/kW	3,54	3,48	3,40	3,50	3,43	3,38	3,42
<b>23°C/15°C</b>									
Cooling capacity	(6)	kW	51,8	57,9	68,0	78,9	87,0	101	117
Total power input	(6)	kW	13,1	15,3	18,1	20,2	23,1	27,5	31,3
EER	(6)	kW/kW	3,95	3,78	3,76	3,91	3,77	3,69	3,73
<b>EXCHANGERS</b>									
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>									
Water flow	(1)	l/s	1,98	2,25	2,63	3,04	3,38	3,95	4,52
Pressure drop	(1)(2)	kPa	40,5	38,4	40,7	38,8	39,2	38,5	61,6
<b>REFRIGERANT CIRCUIT</b>									
Compressors nr.		N°	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1
Refrigerant charge		kg	6,70	7,90	8,00	8,50	9,60	10,5	12,0
<b>NOISE LEVEL</b>									
Sound Pressure	(7)	dB(A)	48	48	48	49	49	50	52
Sound power level in cooling	(8)(9)	dB(A)	80	80	80	81	81	82	84
<b>SIZE AND WEIGHT</b>									
A	(10)	mm	2395	2395	2395	2825	2825	3360	3360
B	(10)	mm	1195	1195	1195	1195	1195	1195	1195
H	(10)	mm	1865	1865	1865	1980	1980	1980	1980
Operating weight	(10)	kg	550	560	560	670	680	750	870



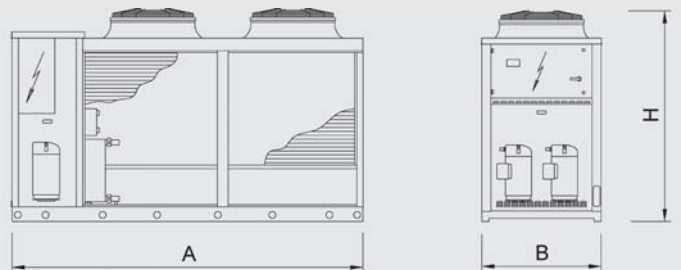
NX-Z / LN-CA			0402P	0452P	0502P	0562P	0612P	0712P	0812P
Power supply		V/ph/Hz	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
<b>PERFORMANCE</b>									
<b>COOLING ONLY (GROSS VALUE)</b>									
Cooling capacity	(1)	kW	107	121	134	154	173	198	221
Total power input	(1)	kW	33,3	37,9	42,2	47,1	54,4	60,8	67,5
EER	(1)	kW/kW	3,23	3,18	3,18	3,27	3,18	3,26	3,28
<b>COOLING ONLY (EN14511 VALUE)</b>									
Cooling capacity	(1)(2)	kW	107	120	133	153	172	197	220
EER	(1)(2)	kW/kW	3,14	3,10	3,11	3,19	3,11	3,20	3,20
Cooling energy class			A	A	A	A	A	A	A
SEPR HT	(3)(4)		5,25	5,27	5,30	5,44	5,46	5,40	5,07
<b>COOLING ONLY</b>									
<b>16°C/10°C</b>									
Cooling capacity	(5)	kW	117	131	146	168	188	216	240
Total power input	(5)	kW	34,1	38,9	43,3	48,2	55,9	62,2	68,9
EER	(5)	kW/kW	3,44	3,38	3,37	3,48	3,36	3,47	3,49
<b>23°C/15°C</b>									
Cooling capacity	(6)	kW	134	149	165	190	213	244	272
Total power input	(6)	kW	35,5	40,3	44,7	49,9	58,2	64,3	70,9
EER	(6)	kW/kW	3,77	3,70	3,70	3,81	3,66	3,80	3,83
<b>EXCHANGERS</b>									
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>									
Water flow	(1)	l/s	5,14	5,77	6,42	7,36	8,26	9,49	10,58
Pressure drop	(1)(2)	kPa	55,4	56,9	54,4	59,3	53,6	54,6	67,9
<b>REFRIGERANT CIRCUIT</b>									
Compressors nr.		N°	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1
Refrigerant charge		kg	13,5	14,5	15,3	18,8	20,3	24,3	25,8
<b>NOISE LEVEL</b>									
Sound Pressure	(7)	dB(A)	52	52	53	54	54	55	56
Sound power level in cooling	(8)(9)	dB(A)	84	84	85	86	86	87	88
<b>SIZE AND WEIGHT</b>									
A	(10)	mm	3980	3980	3980	3160	3160	4335	4335
B	(10)	mm	1195	1195	1195	2250	2250	2250	2250
H	(10)	mm	1980	1980	1980	2170	2170	2170	2170
Operating weight	(10)	kg	1050	1080	1090	1510	1550	1810	1870
<b>NX-Z / SL-CA</b>			<b>0152P</b>	<b>0182P</b>	<b>0202P</b>	<b>0252P</b>	<b>0262P</b>	<b>0302P</b>	<b>0352P</b>
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
<b>PERFORMANCE</b>									
<b>COOLING ONLY (GROSS VALUE)</b>									
Cooling capacity	(1)	kW	41,9	47,5	55,3	62,2	69,2	81,9	94,5
Total power input	(1)	kW	12,8	14,5	17,1	19,0	21,4	25,5	29,6
EER	(1)	kW/kW	3,27	3,28	3,23	3,27	3,23	3,21	3,19
<b>COOLING ONLY (EN14511 VALUE)</b>									
Cooling capacity	(1)(2)	kW	41,6	47,2	55,0	61,9	68,8	81,5	93,9
EER	(1)(2)	kW/kW	3,18	3,19	3,15	3,20	3,16	3,14	3,10
Cooling energy class			A	A	A	A	A	A	A
SEPR HT	(3)(4)		5,30	5,58	5,58	5,41	5,44	5,61	5,38
<b>COOLING ONLY</b>									
<b>16°C/10°C</b>									
Cooling capacity	(5)	kW	45,8	51,7	60,3	67,9	75,2	89,0	103
Total power input	(5)	kW	13,0	14,8	17,4	19,3	21,9	26,2	30,4
EER	(5)	kW/kW	3,52	3,49	3,47	3,52	3,43	3,40	3,38
<b>23°C/15°C</b>									
Cooling capacity	(6)	kW	52,4	58,6	68,6	77,4	85,2	100	117
Total power input	(6)	kW	13,2	15,2	17,9	19,6	22,6	27,1	31,6
EER	(6)	kW/kW	3,97	3,86	3,83	3,95	3,77	3,71	3,70
<b>EXCHANGERS</b>									
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>									
Water flow	(1)	l/s	2,00	2,27	2,65	2,97	3,31	3,92	4,52
Pressure drop	(1)(2)	kPa	41,3	39,3	41,2	37,3	37,6	37,8	61,7
<b>REFRIGERANT CIRCUIT</b>									
Compressors nr.		N°	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1
Refrigerant charge		kg	7,10	8,30	8,40	8,90	10,1	10,5	12,2
<b>NOISE LEVEL</b>									
Sound Pressure	(7)	dB(A)	45	46	46	47	47	47	48
Sound power level in cooling	(8)(9)	dB(A)	77	78	78	79	79	79	80
<b>SIZE AND WEIGHT</b>									
A	(10)	mm	2825	2825	2825	3360	3360	3360	3980
B	(10)	mm	1195	1195	1195	1195	1195	1195	1195
H	(10)	mm	1980	1980	1980	1980	1980	1980	1980
Operating weight	(10)	kg	650	660	670	760	770	780	940



## NX-Z 0152P - 0812P

Chiller, air source for outdoor installation  
39,2-227 kW

NX-Z / SL-CA			0412P	0462P	0512P	0562P	0612P	0712P	0812P
Power supply		V/ph/Hz	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
<b>PERFORMANCE</b>									
<b>COOLING ONLY (GROSS VALUE)</b>									
Cooling capacity	(1)	kW	106	119	133	152	172	195	218
Total power input	(1)	kW	32,4	36,9	41,9	47,3	52,8	61,6	68,2
EER	(1)	kW/kW	3,27	3,22	3,17	3,21	3,26	3,16	3,19
<b>COOLING ONLY (EN14511 VALUE)</b>									
Cooling capacity	(1)(2)	kW	105	118	132	151	171	194	216
EER	(1)(2)	kW/kW	3,19	3,14	3,10	3,13	3,19	3,10	3,12
Cooling energy class			A	A	A	A	A	A	A
SEPR HT	(3)(4)		5,52	5,46	5,63	5,51	5,61	5,49	5,17
<b>COOLING ONLY</b>									
<b>16°C/10°C</b>									
Cooling capacity	(5)	kW	116	129	144	165	188	211	236
Total power input	(5)	kW	33,3	37,9	42,9	48,5	54,2	63,2	69,9
EER	(5)	kW/kW	3,47	3,41	3,37	3,40	3,46	3,34	3,37
<b>23°C/15°C</b>									
Cooling capacity	(6)	kW	132	147	163	187	213	239	266
Total power input	(6)	kW	34,6	39,4	44,5	50,4	56,4	65,7	72,4
EER	(6)	kW/kW	3,82	3,72	3,67	3,71	3,78	3,64	3,67
<b>EXCHANGERS</b>									
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>									
Water flow	(1)	l/s	5,07	5,67	6,36	7,25	8,24	9,32	10,40
Pressure drop	(1)(2)	kPa	54,0	55,1	53,5	57,6	53,3	52,7	65,7
<b>REFRIGERANT CIRCUIT</b>									
Compressors nr.		N°	2	2	2	2	2	2	2
No. Circuits		N°	1	1	1	1	1	1	1
Refrigerant charge		kg	14,1	15,0	18,5	20,1	22,7	25,6	27,1
<b>NOISE LEVEL</b>									
Sound Pressure	(7)	dB(A)	49	50	50	51	52	53	54
Sound power level in cooling	(8)(9)	dB(A)	81	82	82	83	84	85	86
<b>SIZE AND WEIGHT</b>									
A	(10)	mm	3160	3160	3160	4335	4335	4335	5510
B	(10)	mm	2250	2250	2250	2250	2250	2250	2250
H	(10)	mm	2170	2170	2170	2170	2170	2170	2170
Operating weight	(10)	kg	1410	1450	1480	1740	1820	1850	2130



# NX-Z

## 0614P - 1214P

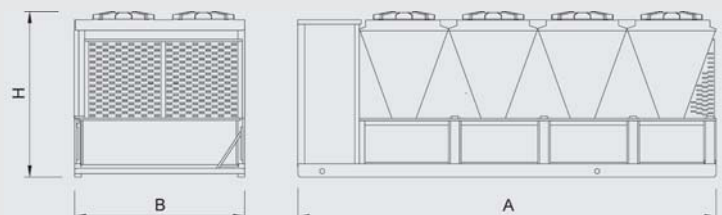
Chiller, air source for outdoor installation from 159 to 327 kW



NX-Z / K			0614P	0714P	0814P	0914P	1014P	1114P	1214P
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
<b>PERFORMANCE</b>									
<b>COOLING ONLY (GROSS VALUE)</b>									
Cooling capacity	(1)	kW	165	194	218	248	289	308	327
Total power input	(1)	kW	58,3	66,7	78,9	88,6	99,0	108	118
EER	(1)	kW/kW	2,83	2,91	2,76	2,80	2,92	2,85	2,76
<b>COOLING ONLY (EN14511 VALUE)</b>									
Cooling capacity	(1)(2)	kW	164	193	217	247	288	307	325
EER	(1)(2)	kW/kW	2,78	2,86	2,72	2,76	2,87	2,80	2,72
Cooling energy class			C	C	C	C	C	C	C
SEPR HT	(3)(4)		4,78	5,17	5,20	5,21	5,01	5,02	5,02
<b>COOLING ONLY</b>									
<b>16°C/10°C</b>									
Cooling capacity	(5)	kW	179	212	237	270	315	335	354
Total power input	(5)	kW	59,8	68,1	80,8	90,7	101	111	121
EER	(5)	kW/kW	2,99	3,11	2,93	2,97	3,12	3,02	2,93
<b>23°C/15°C</b>									
Cooling capacity	(6)	kW	202	240	268	305	357	379	400
Total power input	(6)	kW	62,0	70,1	83,4	93,6	104	114	125
EER	(6)	kW/kW	3,26	3,43	3,21	3,26	3,45	3,32	3,19
<b>EXCHANGERS</b>									
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>									
Water flow	(1)	l/s	7,87	9,28	10,41	11,87	13,83	14,75	15,62
Pressure drop	(1)(2)	kPa	45,0	47,1	47,8	50,4	54,8	46,8	52,5
<b>REFRIGERANT CIRCUIT</b>									
Compressors nr.		N°	4	4	4	4	4	4	4
No. Circuits		N°	2	2	2	2	2	2	2
Refrigerant charge		kg	17,0	18,4	19,6	21,6	26,8	29,0	29,0
<b>NOISE LEVEL</b>									
Sound Pressure	(7)	dB(A)	60	60	61	62	63	63	63
Sound power level in cooling	(8)(9)	dB(A)	92	92	93	94	95	95	95
<b>SIZE AND WEIGHT</b>									
A	(10)	mm	3160	3160	3160	3160	4335	4335	4335
B	(10)	mm	2250	2250	2250	2250	2250	2250	2250
H	(10)	mm	2170	2170	2170	2170	2170	2170	2170
Operating weight	(10)	kg	1510	1680	1690	1830	2250	2300	2330

### Accessories:

- ▶ Microchannel coils with e-coating protection
- ▶ Traditional coils with copper tubes and aluminium fins, also available with prepainted fins or Fin Guard Silver protective treatment.
- ▶ Copper-Copper heat exchanger coils
- ▶ Electronic expansion valve
- ▶ Compressor power factor correction
- ▶ Soft start
- ▶ Compressor suction and discharge valves
- ▶ High and low pressure gauges
- ▶ DVVF and DVV2F devices for low air temperature operation
- ▶ Hydronic group with possible storage tank
- ▶ Anti-intrusion grills



NX-Z / LN-K			0614P	0714P	0814P	0914P	1014P	1114P	1214P
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
<b>PERFORMANCE</b>									
<b>COOLING ONLY (GROSS VALUE)</b>									
Cooling capacity	(1)	kW	160	185	208	235	274	290	320
Total power input	(1)	kW	58,1	68,6	79,6	92,2	101	112	118
EER	(1)	kW/kW	2,75	2,70	2,62	2,55	2,71	2,60	2,70
<b>COOLING ONLY (EN14511 VALUE)</b>									
Cooling capacity	(1)(2)	kW	159	185	207	234	273	289	319
EER	(1)(2)	kW/kW	2,70	2,66	2,58	2,51	2,67	2,57	2,66
Cooling energy class			C	D	D	D	D	D	D
SEPR HT	(3)(4)		4,98	5,29	5,33	5,20	5,09	5,05	5,27
<b>COOLING ONLY</b>									
<b>16°C/10°C</b>									
Cooling capacity	(5)	kW	173	201	226	254	297	314	347
Total power input	(5)	kW	59,9	70,3	81,8	94,7	103	115	122
EER	(5)	kW/kW	2,89	2,87	2,76	2,69	2,87	2,74	2,85
<b>23°C/15°C</b>									
Cooling capacity	(6)	kW	194	228	255	286	335	353	389
Total power input	(6)	kW	62,4	72,9	84,9	98,4	107	119	126
EER	(6)	kW/kW	3,11	3,12	3,00	2,91	3,13	2,97	3,08
<b>EXCHANGERS</b>									
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>									
Water flow	(1)	l/s	7,64	8,87	9,96	11,24	13,10	13,89	15,32
Pressure drop	(1)(2)	kPa	42,4	43,0	43,7	45,2	49,2	41,5	50,5
<b>REFRIGERANT CIRCUIT</b>									
Compressors nr.		N°	4	4	4	4	4	4	4
No. Circuits		N°	2	2	2	2	2	2	2
Refrigerant charge		kg	17,0	18,4	19,6	21,6	26,8	29,0	29,0
<b>NOISE LEVEL</b>									
Sound Pressure	(7)	dB(A)	54	54	55	56	57	57	58
Sound power level in cooling	(8)(9)	dB(A)	86	86	87	88	89	89	90
<b>SIZE AND WEIGHT</b>									
A	(10)	mm	3160	3160	3160	3160	4335	4335	4335
B	(10)	mm	2250	2250	2250	2250	2250	2250	2250
H	(10)	mm	2170	2170	2170	2170	2170	2170	2170
Operating weight	(10)	kg	1550	1730	1740	1870	2300	2350	2370

NX-Z / SL-K			0614P	0714P	0814P	0914P	1014P	1114P	1214P
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
<b>PERFORMANCE</b>									
<b>COOLING ONLY (GROSS VALUE)</b>									
Cooling capacity	(1)	kW	159	180	214	241	264	296	312
Total power input	(1)	kW	56,3	70,7	77,8	89,3	104	109	120
EER	(1)	kW/kW	2,82	2,54	2,75	2,70	2,55	2,71	2,61
<b>COOLING ONLY (EN14511 VALUE)</b>									
Cooling capacity	(1)(2)	kW	158	179	213	240	263	295	311
EER	(1)(2)	kW/kW	2,78	2,51	2,71	2,66	2,51	2,68	2,57
Cooling energy class			C	D	C	D	D	D	D
SEPR HT	(3)(4)		5,20	5,30	5,41	5,31	5,12	5,17	5,15
<b>COOLING ONLY</b>									
<b>16°C/10°C</b>									
Cooling capacity	(5)	kW	172	195	233	262	286	321	338
Total power input	(5)	kW	58,0	72,7	79,8	91,7	107	112	123
EER	(5)	kW/kW	2,97	2,68	2,92	2,85	2,68	2,87	2,75
<b>23°C/15°C</b>									
Cooling capacity	(6)	kW	194	235	263	295	345	361	379
Total power input	(6)	kW	60,5	70,2	82,6	94,9	103	116	128
EER	(6)	kW/kW	3,20	3,35	3,18	3,11	3,34	3,11	2,96
<b>EXCHANGERS</b>									
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>									
Water flow	(1)	l/s	7,60	8,60	10,25	11,54	12,63	14,16	14,93
Pressure drop	(1)(2)	kPa	41,9	40,5	46,3	47,6	45,7	43,1	48,0
<b>REFRIGERANT CIRCUIT</b>									
Compressors nr.		N°	4	4	4	4	4	4	4
No. Circuits		N°	2	2	2	2	2	2	2
Refrigerant charge		kg	17,0	18,4	25,2	27,2	26,8	34,6	34,6
<b>NOISE LEVEL</b>									
Sound Pressure	(7)	dB(A)	50	51	51	52	52	54	54
Sound power level in cooling	(8)(9)	dB(A)	82	83	83	84	84	86	86
<b>SIZE AND WEIGHT</b>									
A	(10)	mm	3160	3160	4335	4335	4335	5510	5510
B	(10)	mm	2250	2250	2250	2250	2250	2250	2250
H	(10)	mm	2170	2170	2170	2170	2170	2170	2170
Operating weight	(10)	kg	1550	1730	2030	2170	2300	2700	2730

**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 Plant (side) cooling exchanger water (in/out) 23°C/ 15°C; Source (side) heat exchanger air (in) 35°C.
- 7 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.
- 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 [GWP<sub>100</sub> 2088] fluorinated greenhouse gases.

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# NX-Z

## 0614T - 1214T

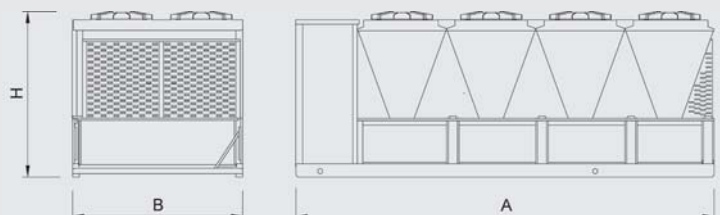
Chiller, air source for outdoor installation from 159 to 352 kW



NX-Z / K			0614T	0714T	0814T	0914T	1014T	1114T	1214T
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
<b>PERFORMANCE</b>									
<b>COOLING ONLY (GROSS VALUE)</b>									
Cooling capacity	(1)	kW	165	194	218	248	289	308	327
Total power input	(1)	kW	58,3	66,7	78,9	88,6	99,0	108	118
EER	(1)	kW/kW	2,83	2,91	2,76	2,80	2,92	2,85	2,76
<b>COOLING ONLY (EN14511 VALUE)</b>									
Cooling capacity	(1)(2)	kW	164	193	217	247	288	307	326
EER	(1)(2)	kW/kW	2,79	2,87	2,71	2,76	2,86	2,81	2,73
Cooling energy class			C	C	C	C	C	C	C
SEPR HT	(3)(4)		4,84	5,21	5,20	5,22	4,99	5,04	5,04
<b>COOLING ONLY</b>									
<b>16°C/10°C</b>									
Cooling capacity	(5)	kW	179	212	237	270	315	335	354
Total power input	(5)	kW	59,8	68,1	80,8	90,7	101	111	121
EER	(5)	kW/kW	2,99	3,11	2,93	2,97	3,12	3,02	2,93
<b>23°C/15°C</b>									
Cooling capacity	(6)	kW	202	240	268	305	357	379	400
Total power input	(6)	kW	62,0	70,1	83,4	93,6	104	114	125
EER	(6)	kW/kW	3,26	3,43	3,21	3,26	3,45	3,32	3,19
<b>EXCHANGERS</b>									
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>									
Water flow	(1)	l/s	7,87	9,28	10,41	11,87	13,83	14,75	15,62
Pressure drop	(1)(2)	kPa	23,3	32,4	50,9	45,5	61,7	38,0	42,7
<b>REFRIGERANT CIRCUIT</b>									
Compressors nr.		N°	4	4	4	4	4	4	4
No. Circuits		N°	2	2	2	2	2	2	2
Refrigerant charge		kg	22,0	22,0	24,6	26,0	31,6	35,4	35,4
<b>NOISE LEVEL</b>									
Sound Pressure	(7)	dB(A)	60	60	61	62	63	63	63
Sound power level in cooling	(8)(9)	dB(A)	92	92	93	94	95	95	95
<b>SIZE AND WEIGHT</b>									
A	(10)	mm	3160	3160	3160	3160	4335	4335	4335
B	(10)	mm	2250	2250	2250	2250	2250	2250	2250
H	(10)	mm	2170	2170	2170	2170	2170	2170	2170
Operating weight	(10)	kg	1650	1810	1820	1950	2340	2530	2550

### Accessories:

- ▶ Microchannel coils with e-coating protection
- ▶ Traditional coils with copper tubes and aluminium fins, also available with prepainted fins or Fin Guard Silver protective treatment.
- ▶ Copper-Copper heat exchanger coils
- ▶ Electronic expansion valve
- ▶ Compressor power factor correction
- ▶ Soft start
- ▶ Compressor suction and discharge valves
- ▶ High and low pressure gauges
- ▶ DVVF and DV2F devices for low air temperature operation
- ▶ Hydronic group with possible storage tank
- ▶ Anti-intrusion grills



NX-Z / LN-K			0614T	0714T	0814T	0914T	1014T	1114T	1214T
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
<b>PERFORMANCE</b>									
<b>COOLING ONLY (GROSS VALUE)</b>									
Cooling capacity	(1)	kW	160	185	208	235	274	290	320
Total power input	(1)	kW	58,1	68,6	79,6	92,2	101	112	118
EER	(1)	kW/kW	2,75	2,70	2,62	2,55	2,71	2,60	2,70
<b>COOLING ONLY (EN14511 VALUE)</b>									
Cooling capacity	(1)(2)	kW	159	185	207	234	273	290	319
EER	(1)(2)	kW/kW	2,72	2,67	2,57	2,51	2,67	2,57	2,67
Cooling energy class			C	D	D	D	D	D	D
SEPR HT	(3)(4)		5,03	5,33	5,33	5,22	5,08	5,08	5,31
<b>COOLING ONLY</b>									
<b>16°C/10°C</b>									
Cooling capacity	(5)	kW	173	201	226	254	297	314	347
Total power input	(5)	kW	59,9	70,3	81,8	94,7	103	115	122
EER	(5)	kW/kW	2,89	2,87	2,76	2,69	2,87	2,74	2,85
<b>23°C/15°C</b>									
Cooling capacity	(6)	kW	194	228	255	286	335	353	389
Total power input	(6)	kW	62,4	72,9	84,9	98,4	107	119	126
EER	(6)	kW/kW	3,11	3,12	3,00	2,91	3,13	2,97	3,08
<b>EXCHANGERS</b>									
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>									
Water flow	(1)	l/s	7,64	8,87	9,96	11,24	13,10	13,89	15,32
Pressure drop	(1)(2)	kPa	21,9	29,6	46,5	40,7	55,4	33,7	41,0
<b>REFRIGERANT CIRCUIT</b>									
Compressors nr.		N°	4	4	4	4	4	4	4
No. Circuits		N°	2	2	2	2	2	2	2
Refrigerant charge		kg	22,0	22,0	24,6	26,0	31,6	35,4	35,4
<b>NOISE LEVEL</b>									
Sound Pressure	(7)	dB(A)	54	54	55	56	57	57	58
Sound power level in cooling	(8)(9)	dB(A)	86	86	87	88	89	89	90
<b>SIZE AND WEIGHT</b>									
A	(10)	mm	3160	3160	3160	3160	4335	4335	4335
B	(10)	mm	2250	2250	2250	2250	2250	2250	2250
H	(10)	mm	2170	2170	2170	2170	2170	2170	2170
Operating weight	(10)	kg	1700	1860	1870	1990	2380	2580	2600

NX-Z / SL-K			0614T	0714T	0814T	0914T	1014T	1114T	1214T
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
<b>PERFORMANCE</b>									
<b>COOLING ONLY (GROSS VALUE)</b>									
Cooling capacity	(1)	kW	159	180	214	241	264	296	312
Total power input	(1)	kW	56,3	70,7	77,8	89,3	104	109	120
EER	(1)	kW/kW	2,82	2,54	2,75	2,70	2,55	2,71	2,61
<b>COOLING ONLY (EN14511 VALUE)</b>									
Cooling capacity	(1)(2)	kW	158	179	213	240	263	295	311
EER	(1)(2)	kW/kW	2,79	2,52	2,71	2,66	2,51	2,68	2,58
Cooling energy class			C	D	C	D	D	D	D
SEPR HT	(3)(4)		5,25	5,32	5,41	5,31	5,11	5,19	5,17
<b>COOLING ONLY</b>									
<b>16°C/10°C</b>									
Cooling capacity	(5)	kW	172	195	233	262	286	321	338
Total power input	(5)	kW	58,0	72,7	79,8	91,7	107	112	123
EER	(5)	kW/kW	2,97	2,68	2,92	2,85	2,68	2,87	2,75
<b>23°C/15°C</b>									
Cooling capacity	(6)	kW	194	235	263	295	345	361	379
Total power input	(6)	kW	60,5	70,2	82,6	94,9	103	116	128
EER	(6)	kW/kW	3,20	3,35	3,18	3,11	3,34	3,11	2,96
<b>EXCHANGERS</b>									
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>									
Water flow	(1)	l/s	7,60	8,60	10,25	11,54	12,63	14,16	14,93
Pressure drop	(1)(2)	kPa	21,7	27,8	49,3	43,0	51,4	35,1	39,0
<b>REFRIGERANT CIRCUIT</b>									
Compressors nr.		N°	4	4	4	4	4	4	4
No. Circuits		N°	2	2	2	2	2	2	2
Refrigerant charge		kg	22,0	22,0	30,2	31,6	31,6	41,0	41,0
<b>NOISE LEVEL</b>									
Sound Pressure	(7)	dB(A)	50	51	51	52	52	54	54
Sound power level in cooling	(8)(9)	dB(A)	82	83	83	84	84	86	86
<b>SIZE AND WEIGHT</b>									
A	(10)	mm	3160	3160	4335	4335	4335	5510	5510
B	(10)	mm	2250	2250	2250	2250	2250	2250	2250
H	(10)	mm	2170	2170	2170	2170	2170	2170	2170
Operating weight	(10)	kg	1700	1860	2160	2290	2380	2930	2950

**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 Plant (side) cooling exchanger water (in/out) 23°C/ 15°C; Source (side) heat exchanger air (in) 35°C.
- 7 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.
- 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 [GWP<sub>100</sub> 2088] fluorinated greenhouse gases.

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## NX-Z 0614T - 1214T

Chiller, air source for outdoor installation from 159 to 352 kW

NX-Z / CA			0614T	0714T	0814T	0914T	1014T	1114T	1214T
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
<b>PERFORMANCE</b>									
<b>COOLING ONLY (GROSS VALUE)</b>									
Cooling capacity	(1)	kW	174	205	235	266	302	330	352
Total power input	(1)	kW	54,4	65,0	72,9	84,1	95,8	103	111
EER	(1)	kW/kW	3,20	3,16	3,23	3,17	3,15	3,21	3,17
<b>COOLING ONLY (EN14511 VALUE)</b>									
Cooling capacity	(1)(2)	kW	174	204	234	265	301	329	351
EER	(1)(2)	kW/kW	3,16	3,11	3,16	3,11	3,11	3,16	3,12
Cooling energy class			A	A	A	A	A	A	A
SEPR HT	(3)(4)		5,19	5,06	5,28	5,25	5,27	5,13	5,22
<b>COOLING ONLY</b>									
<b>16°C/10°C</b>									
Cooling capacity	(5)	kW	190	224	257	291	329	360	384
Total power input	(5)	kW	55,6	66,0	74,0	85,5	97,5	104	113
EER	(5)	kW/kW	3,41	3,40	3,48	3,40	3,38	3,45	3,39
<b>23°C/15°C</b>									
Cooling capacity	(6)	kW	216	257	294	331	375	411	437
Total power input	(6)	kW	57,3	67,2	75,5	87,4	99,8	107	116
EER	(6)	kW/kW	3,77	3,82	3,89	3,79	3,75	3,85	3,77
<b>EXCHANGERS</b>									
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>									
Water flow	(1)	l/s	8,33	9,81	11,26	12,74	14,44	15,78	16,83
Pressure drop	(1)(2)	kPa	26,1	36,2	59,5	52,4	36,5	43,6	49,6
<b>REFRIGERANT CIRCUIT</b>									
Compressors nr.		N°	4	4	4	4	4	4	4
No. Circuits		N°	2	2	2	2	2	2	2
Refrigerant charge		kg	22,0	27,6	30,2	31,6	35,4	41,0	41,0
<b>NOISE LEVEL</b>									
Sound Pressure	(7)	dB(A)	60	61	62	63	63	64	65
Sound power level in cooling	(8)(9)	dB(A)	92	93	94	95	95	96	97
<b>SIZE AND WEIGHT</b>									
A	(10)	mm	3160	4335	4335	4335	4335	5510	5510
B	(10)	mm	2250	2250	2250	2250	2250	2250	2250
H	(10)	mm	2170	2170	2170	2170	2170	2170	2170
Operating weight	(10)	kg	1700	2150	2160	2290	2550	2930	2950
<b>NX-Z / LN-CA</b>			<b>0614T</b>	<b>0714T</b>	<b>0814T</b>	<b>0914T</b>	<b>1014T</b>	<b>1114T</b>	<b>1214T</b>
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
<b>PERFORMANCE</b>									
<b>COOLING ONLY (GROSS VALUE)</b>									
Cooling capacity	(1)	kW	168	198	227	262	295	318	344
Total power input	(1)	kW	52,8	61,6	70,5	82,8	93,2	99,6	109
EER	(1)	kW/kW	3,17	3,22	3,23	3,17	3,16	3,19	3,17
<b>COOLING ONLY (EN14511 VALUE)</b>									
Cooling capacity	(1)(2)	kW	167	198	226	261	294	317	343
EER	(1)(2)	kW/kW	3,13	3,17	3,16	3,11	3,12	3,15	3,12
Cooling energy class			A	A	A	A	A	A	A
SEPR HT	(3)(4)		5,54	5,68	5,76	5,76	5,51	5,58	5,68
<b>COOLING ONLY</b>									
<b>16°C/10°C</b>									
Cooling capacity	(5)	kW	182	217	248	285	321	346	374
Total power input	(5)	kW	54,3	62,8	71,9	84,6	95,1	102	111
EER	(5)	kW/kW	3,35	3,45	3,45	3,37	3,37	3,41	3,37
<b>23°C/15°C</b>									
Cooling capacity	(6)	kW	206	247	282	324	364	393	424
Total power input	(6)	kW	56,3	64,5	73,9	87,1	97,7	105	115
EER	(6)	kW/kW	3,66	3,83	3,82	3,72	3,73	3,76	3,70
<b>EXCHANGERS</b>									
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>									
Water flow	(1)	l/s	8,01	9,49	10,87	12,53	14,08	15,21	16,47
Pressure drop	(1)(2)	kPa	24,1	33,8	55,5	50,7	34,7	40,5	47,5
<b>REFRIGERANT CIRCUIT</b>									
Compressors nr.		N°	4	4	4	4	4	4	4
No. Circuits		N°	2	2	2	2	2	2	2
Refrigerant charge		kg	22,0	27,6	30,2	31,6	41,0	41,0	41,0
<b>NOISE LEVEL</b>									
Sound Pressure	(7)	dB(A)	54	55	56	57	58	59	59
Sound power level in cooling	(8)(9)	dB(A)	86	87	88	89	90	91	91
<b>SIZE AND WEIGHT</b>									
A	(10)	mm	3160	4335	4335	4335	5510	5510	5510
B	(10)	mm	2250	2250	2250	2250	2250	2250	2250
H	(10)	mm	2170	2170	2170	2170	2170	2170	2170
Operating weight	(10)	kg	1700	2150	2160	2290	2880	2900	2930





NX-Z / SL-CA			0614T	0714T	0814T	0914T	1014T	1114T	1214T
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
<b>PERFORMANCE</b>									
<b>COOLING ONLY (GROSS VALUE)</b>									
Cooling capacity	(1)	kW	167	195	224	259	292	317	344
Total power input	(1)	kW	52,3	61,0	69,9	82,0	92,6	99,6	109
EER	(1)	kW/kW	3,20	3,20	3,21	3,16	3,15	3,18	3,16
<b>COOLING ONLY (EN14511 VALUE)</b>									
Cooling capacity	(1)(2)	kW	167	194	223	258	291	316	342
EER	(1)(2)	kW/kW	3,16	3,15	3,14	3,11	3,11	3,13	3,11
Cooling energy class			A	A	A	A	A	A	A
SEPR HT	(3)(4)		5,67	5,80	5,69	5,73	5,67	5,62	5,73
<b>COOLING ONLY</b>									
<b>16°C/10°C</b>									
Cooling capacity	(5)	kW	182	213	245	282	318	345	373
Total power input	(5)	kW	53,7	62,3	71,3	83,8	94,6	102	111
EER	(5)	kW/kW	3,39	3,41	3,43	3,37	3,36	3,39	3,35
<b>23°C/15°C</b>									
Cooling capacity	(6)	kW	206	242	278	321	360	391	423
Total power input	(6)	kW	55,8	64,0	73,2	86,1	97,3	105	115
EER	(6)	kW/kW	3,69	3,79	3,80	3,73	3,70	3,74	3,68
<b>EXCHANGERS</b>									
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>									
Water flow	(1)	l/s	8,00	9,32	10,72	12,40	13,95	15,14	16,43
Pressure drop	(1)(2)	kPa	24,1	32,7	53,9	49,6	34,1	40,1	47,2
<b>REFRIGERANT CIRCUIT</b>									
Compressors nr.		N°	4	4	4	4	4	4	4
No. Circuits		N°	2	2	2	2	2	2	2
Refrigerant charge		kg	27,6	27,6	35,8	37,2	41,0	41,0	41,0
<b>NOISE LEVEL</b>									
Sound Pressure	(7)	dB(A)	51	51	52	53	54	55	55
Sound power level in cooling	(8)(9)	dB(A)	83	83	84	85	86	87	87
<b>SIZE AND WEIGHT</b>									
A	(10)	mm	4335	4335	5510	5510	5510	5510	5510
B	(10)	mm	2250	2250	2250	2250	2250	2250	2250
H	(10)	mm	2170	2170	2170	2170	2170	2170	2170
Operating weight	(10)	kg	1980	2150	2490	2610	2880	2900	2930

**Notes:**

- Plant (side) cooling exchanger water (in/out) 12°C/7°C; Source (side) heat exchanger air (in) 35°C.
- Values in compliance with EN14511-3:2013.
- Seasonal space heating energy index
- Seasonal energy efficiency of high temperature process cooling [REGULATION (EU) N. 2016/2281]
- Plant (side) cooling exchanger water (in/out) 16°C/ 10°C; Source (side) heat exchanger air (in) 35°C.
- Plant (side) cooling exchanger water (in/out) 23°C/ 15°C; Source (side) heat exchanger air (in) 35°C.
- Average sound pressure level at 10m distance, unit in a free field on a reflective surface; non-binding value calculated from the sound power level.
- Sound power on the basis of measurements made in compliance with ISO 9614.
- Sound power level in cooling, outdoors.
- Unit in standard configuration/execution, without optional accessories.

The units highlighted in this publication contain HFC R410A [GWP<sub>100</sub> 2088] fluorinated greenhouse gases.

Certified data in EUROVENT