

**0604T - 1204T 148,0-335,3 kW**

NX-N-Y / CA			0604T	0704T	0804T	0904T	1004T	1104T	1204T
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	164,1	190,8	222,4	253,3	283,2	310,1	335,3
Total power input	(1)	kW	55,71	64,57	73,83	85,32	95,97	104,8	113,3
EER	(1)	kW/kW	2,946	2,954	3,014	2,970	2,950	2,959	2,959
ESEER	(1)	kW/kW	4,130	4,250	4,220	4,250	4,220	4,160	4,180
<b>COOLING ONLY (EN14511 VALUE)</b>									
Cooling capacity	(1)(2)	kW	163,6	190,1	221,4	252,2	282,3	309,1	334,0
EER	(1)(2)	kW/kW	2,910	2,910	2,960	2,920	2,910	2,920	2,910
ESEER	(1)(2)	kW/kW	4,000	4,080	4,010	4,050	4,080	4,010	4,010
Cooling energy class			B	B	B	B	B	B	B
<b>HEATING ONLY (GROSS VALUE)</b>									
Total heating capacity	(3)	kW	171,5	199,0	237,6	265,8	292,9	329,0	349,7
Total power input	(3)	kW	52,96	61,51	73,10	81,95	90,60	101,5	108,0
COP	(3)	kW/kW	3,236	3,236	3,250	3,241	3,233	3,241	3,238
<b>HEATING ONLY (EN14511 VALUE)</b>									
Total heating capacity	(2)(3)	kW	172,0	199,7	238,9	267,0	293,9	330,2	351,2
COP	(2)(3)	kW/kW	3,210	3,210	3,210	3,210	3,210	3,210	3,210
Cooling energy class			A	A	A	A	A	A	A
<b>ENERGY EFFICIENCY</b>									
<b>SEASONAL EFFICIENCY IN COOLING Re . EU 2016/2281</b>									
<b>Process refrigeration at high temperature</b>									
Prated,c	(4)	kW							
SEPR	(4)(6)								
<b>SEASONAL EFFICIENCY IN COOLING (Reg. EU 2015/1095)</b>									
<b>Process refrigeration at medium temperature</b>									
Prated,c	(5)	kW							
SEPR	(5)(6)								
<b>SEASONAL EFFICIENCY IN HEATING (Reg. EU 813/2013)</b>									
PDesign	(7)	kW	120	150	176	199	223	246	264
SCOP	(7)(8)		3,65	3,86	3,76	3,83	3,79	3,71	3,74
Performance ηs	(7)(9)	%	143	151	147	150	149	145	147
Seasonal efficiency class	(7)								
<b>EXCHANGERS</b>									
<b>HEAT EXCHANGER USER SIDE IN REFRIGERATION</b>									
Water flow	(1)	l/s	7,848	9,122	10,63	12,11	13,54	14,83	16,03
Pressure drop	(1)	kPa	23,1	31,3	53,1	47,4	32,1	38,5	45,0
<b>HEAT EXCHANGER USER SIDE IN HEATING</b>									
Water flow	(3)	l/s	8,276	9,607	11,47	12,83	14,14	15,88	16,88
Pressure drop	(3)	kPa	25,7	34,7	61,7	53,1	35,0	44,1	49,9
<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	45,0	69,8	90,4	90,5	90,6	115	115
<b>NOISE LEVEL</b>									
Sound Pressure	(10)	dB(A)	72	72	74	74	75	77	77
Sound power level in cooling	(11)(12)	dB(A)	92	92	94	94	95	97	97
Sound power level in heating	(11)(13)	dB(A)	92	92	94	94	95	97	97
<b>SIZE AND WEIGHT</b>									
Operating weight	(14)	kg	2070	2360	2750	2870	3150	3640	3660
A	(14)	mm	4110	4110	5110	5110	5110	6110	6110
B	(14)	mm	2220	2220	2220	2220	2220	2220	2220
H	(14)	mm	2150	2150	2150	2150	2150	2150	2150

**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
- Plant (side) heat exchanger water (in/out) 40°C/45°C; Source (side) heat exchanger air (in) 7°C - 87% R.H.
- Seasonal energy efficiency of high temperature process cooling [REGULATION (EU) N. 2016/2281]
- Seasonal Energy Efficiency of Process Cooling at Medium Temperature [REGULATION (EU) N. 2015/1095]
- Seasonal energy efficiency ratio
- Parameter calculated for LOW-TEMPERATURE application in AVERAGE climate conditions according to [REGULATION (EU) N. 813/2013]
- Seasonal coefficient of performance
- Seasonal space heating energy efficiency
- Average sound pressure level at 1m distance, unit in a free field on a reflective surface; non-binding value calculated from the sound power level.
- Sound power on the basis of measurements made in compliance with ISO 9614.
- Sound power level in cooling, outdoors.
- Sound power level in heating, 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