

NK

Cubic unit cooler
Industrial range



CO₂
40 bar

CO₂
50 bar

HFC

W
GLYCOL



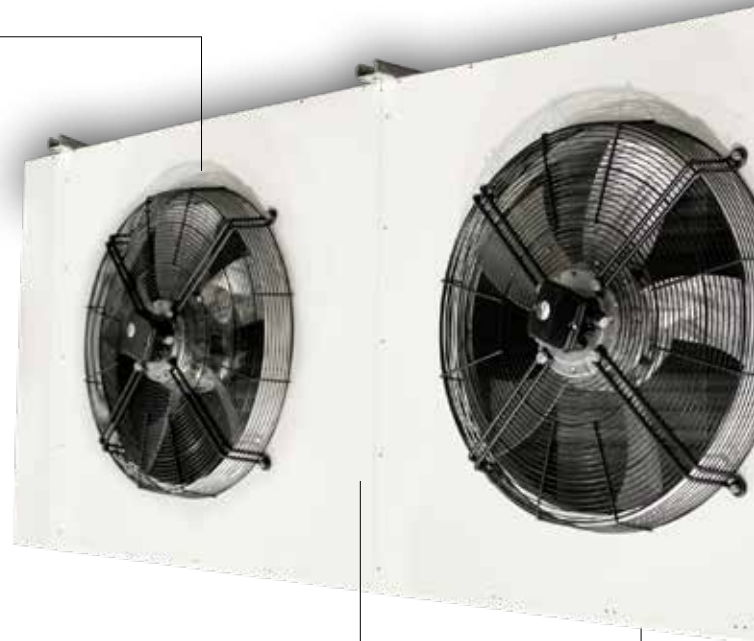
|||| 6 - 155 kW



- # Highly adaptable product with **many options available**.
- # A **T version**, for a **large exchange surface**, and an **H version**, with **high efficiency**, to best suit your application.
- # **Easy installation**: the NKs are delivered in the installation position.

VENTILATION

- # 2 types of motor fans on the NK range:
 - Ø 630 mm 4/6 Poles (1,500/1,000 rpm)
 - Ø 800 mm 6/8 Poles (870/630 rpm).
- # Three-phase motors, 400V, 50 Hz, IP54, class F.
- # The numerous "fan number/fan diameter" combinations ensure the right air throw for perfect adaptability to the cold room.



OPTIONS

CMU	Factory motor wiring.
C2V	2-speed motor wiring.
M60	Motor fans 230-400V/3/60Hz (Ø 800 mm).
VPA	Air pressure shell also allowing connection of a textile duct. KIT TO INSTALL
VGT	Textile duct shell with grille.
VSC	Hinged fan panel.
MVI	Stainless steel fan grille.

CASING

- # Pre-painted galvanized steel for corrosion and impact resistance.
- # Limited condensation: presence of an aluminium interior drain pan under the main drain pan.

OPTIONS

CIN	Stainless steel casing.
ECB	Wooden crate packaging.
EIS	Insulated drain pan.
KMS	Feet for floor mounting. KIT TO INSTALL
RAL	White polyester paint.



COILS

- # Aluminium fins with 4.23, 6.35, 9 or 12 mm spacing.
- # Combined with copper tubes, the coils are very efficient and compact.
- # Two types of fins available:
 - High efficiency H-type fins, particularly suitable for the storage of packaged products, allow fast defrosting.
 - T-type fins, for a large exchange surface, allow energy savings by limiting the number of daily defrosts, ideal for limiting product dehydration.
- # Versions available:
 - Multi-refrigerant HFCs.
 - CO2 (40 bar NKT & 50 bar NKH).
 - WCO (glycol water, coolant). **CONTACT US**

OPTIONS

EGU	Glycol water extension. KIT TO INSTALL CONTACT US
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DEFROST

NKH ... C, NKH ... S, NKT ... C, NKT ... S, and NKT ... T

- # The product design allows even heat dissipation, by the presence of shielded electrical heaters, allowing fast and efficient defrosting.
- # The heaters are connected in the factory, for a 400V/3 power supply, on a terminal block housed in a terminal box.
- # Hot gas defrost (total or partial) available as an option.

NKH ... R, NKH ... L, and NKT ... L

- # Water defrost available as an option for a room with a temperature greater than or equal to +4 °C. The height of the unit cooler is then increased by 40 mm.

	+10	+2	0	-5	-30°C
	NKH ... R/L - NKT ... L	+E1U	+ELU		
tA1					NKH ... C/S - NKT ... C/S/T

OPTIONS

DAE	Water defrost (spraying).
DEG	Hot glycol water defrost (coil).
E1U	Light electric defrost (coil + drain pan).
ELU	Electric defrost for "low temperature" models (coil + drain pan).
ECU	Additional electric coil defrost.
ECK	Additional electric coil defrost. KIT TO INSTALL
HDA	Suction defrost hood. KIT TO INSTALL
VPM	Flexible defrost sleeve + air pressure shell. KIT TO INSTALL
HG1	Partial hot gas defrost (coil: hot gases, drain pan: heaters).
HGT	Total hot gas defrost (coil and drain pan).
RVU	Shell defrost heaters.
RVK	Shell defrost heaters. KIT TO INSTALL



C2V | Two-speed wiring

Suitable ventilation and noise level

High speed after the charging phase requiring high power.
Low speed during long storage phase or when staff are present for reduced noise level.



HDA + VPM | Defrost hood + flexible sleeve

Defrost in negative application

Avoids hot air circulation during defrost cycles. Reduced defrost cycle time for energy savings.



VPA | Air pressure shell

Even airflow distribution

Increased air reach, optimizes airflow and allows efficient air distribution in the cold room.



Application requiring the installation of a textile duct

Shell for textile duct with airflow straightening blades (duct not supplied).



NKT (A) 1x6 (B) Y (C) B2 (D) L (E)

(A) Fin type: **T** = Large heat exchange surface - **H** = High-efficiency fin

(B) Number of fans x Ø: **6** = Ø 630 mm - **8** = Ø 800 mm

(C) Motor connection: **D** = Triangle - **Y** = Star

(D) Module

(E) Fin spacing: **R** = 4.23 mm (positive) - **L** = 6.35 mm (positive) -
C = 6.35 mm (negative) - **S** = 9 mm (negative) - **T** = 12 mm (negative)

The NK is available with
CO₂, HFCs and glycol water.
For more information, please
consult our software.

NKT ... L | T = Large exchange surface

6.35 mm

NKT ... L	Power		Coil		Ventilation				Electric defrost									Connections		Net weight
	DT 8K - SC2 (1)		Surface area	Circuit volume	Nb x Ø	Airflow	Air throw (3) Standard	Acoustics Lp 4m (4)	E1U (5) 400 V/3/50 Hz			ELU (5) 400 V/3/50 Hz			ECK kit (6) 400 V/3/50 Hz			HFCs		
	CO2 (2) 40 bar	R449A							Number	W	A	Number	W	A	Number	W	A	Inlet	Outlet	
1x6Y B2	16,8	15,0	96	27	1x630	10600	34	51	6	6900	10	9	10350	14,9	3	3450	5	5/8"	1"3/8	180
1x6D B2	18,7	17,1	96	27	1x630	13330	45	59	6	6900	10	9	10350	14,9	3	3450	5	5/8"	1"3/8	180
1x6Y B3	19,8	18,3	128	36	1x630	10120	33	51	10	10350	19,1	12	13800	19,9	3	3450	5	7/8"	1"5/8	200
1x6Y B4	21,5	20,6	160	45	1x630	9680	32	51	13	13800	19,9	15	17250	24,9	3	3450	5	1"1/8	1"5/8	220
1x6D B3	22,5	21,0	128	36	1x630	12610	43	59	10	10350	19,1	12	13800	19,9	3	3450	5	7/8"	1"5/8	200
1x8Y C2	24,7	22,8	154	44	1x800	14740	33	42	6	9000	13	9	13500	19,5	3	4500	6,5	7/8"	1"5/8	270
1x6D B4	24,6	23,9	160	45	1x630	11940	42	59	13	13800	19,9	15	17250	24,9	3	3450	5	1"1/8	1"5/8	220
1x8Y C3	28,4	26,8	205	58	1x800	13940	31	42	10	13500	19,1	12	18000	26	3	4500	6,5	1"1/8	2"1/8	300
1x8D C2	28,8	26,6	154	44	1x800	19580	45	48	6	9000	13	9	13500	19,5	3	4500	6,5	7/8"	1"5/8	270
2x6Y B2	34,1	31,2	192	54	2x630	21200	35	54	6	13200	19,1	9	19800	28,6	3	6600	9,5	1"1/8	2"1/8	310
1x8D C3	33,9	31,7	205	58	1x800	18690	43	48	10	13500	19,1	12	18000	26	3	4500	6,5	1"1/8	2"1/8	300
2x6D B2	37,8	35,2	192	54	2x630	26660	46	62	6	13200	19,1	9	19800	28,6	3	6600	9,5	1"1/8	2"1/8	310
2x6Y B3	39,7	37,1	256	73	2x630	20230	34	54	10	19800	28,6	12	26400	38,1	3	6600	9,5	1"3/8	2"1/8	350
2x6Y B4	43,2	41,9	320	91	2x630	19350	33	54	13	26400	38,1	15	33000	47,6	3	6600	9,5	1"5/8	2"1/8	390
2x6D B3	44,9	42,7	256	73	2x630	25220	45	62	10	19800	28,6	12	26400	38,1	3	6600	9,5	1"3/8	2"1/8	350
2x8Y C2	49,5	46,1	308	87	2x800	29470	34	45	6	17400	25,1	9	26100	37,7	3	8700	12,6	1"3/8	2"1/8	480
3x6Y B2	51,2	46,6	288	82	3x630	31800	40	56	6	19500	28,1	9	29250	42,2	3	9750	14,1	1"3/8	2"1/8	440
2x6D B4	50,6	48,7	320	91	2x630	23880	43	62	13	26400	38,1	15	33000	47,6	3	6600	9,5	1"5/8	2"1/8	390
2x8Y C3	57,1	54,2	410	116	2x800	27880	32	45	10	26100	37,7	12	34800	50,2	3	8700	12,6	1"5/8	2"5/8	540
3x6D B2	56,9	53,2	288	82	3x630	39990	52	64	6	19500	28,1	9	29250	42,2	3	9750	14,1	1"3/8	2"1/8	440
2x8D C2	57,3	53,5	308	87	2x800	39170	46	51	6	17400	25,1	9	26100	37,7	3	8700	12,6	1"3/8	2"1/8	480
3x6Y B3	59,3	56,6	385	109	3x630	30350	39	56	10	29250	42,2	12	39000	56,3	3	9750	14,1	1"5/8	2"5/8	500
3x6Y B4	63,6	62,5	481	136	3x630	29030	37	56	13	39000	56,3	15	48750	70,4	3	9750	14,1	1"5/8	2"5/8	550
4x6Y B2	68,3	62,3	385	109	4x630	42390	44	57	6	25800	37,2	9	38700	55,9	3	12900	18,6	1"5/8	2"5/8	560
2x8D C3	67,7	64,2	410	116	2x800	37380	44	51	10	26100	37,7	12	34800	50,2	3	8700	12,6	1"5/8	2"5/8	540
3x6D B3	67,1	65,1	385	109	3x630	37830	51	64	10	29250	42,2	12	39000	56,3	3	9750	14,1	1"5/8	2"5/8	500
3x8Y C2	74,3	69,7	461	130	3x800	44210	39	47	6	25800	37,2	9	38700	55,9	3	12900	18,6	1"5/8	2"5/8	680
3x6D B4	73,0	72,8	481	136	3x630	35820	49	64	13	39000	56,3	15	48750	70,4	3	9750	14,1	1"5/8	2"5/8	550
4x6D B2	75,8	71,1	385	109	4x630	53320	58	65	6	25800	37,2	9	38700	55,9	3	12900	18,6	1"5/8	2"5/8	560
4x6Y B3	78,3	74,9	513	145	4x630	40470	43	57	10	38700	55,9	12	51600	74,5	3	12900	18,6	1"5/8	2"5/8	640
3x8Y C3	85,4	82,0	615	174	3x800	41810	37	47	10	38700	55,9	12	51600	74,5	3	12900	18,6	1"5/8	2"5/8	770
4x6Y B4	87,1	83,7	641	181	4x630	38710	41	57	13	51600	74,5	15	64500	93,1	3	12900	18,6	1"5/8	2"5/8	720
3x8D C2	87,1	81,1	461	130	3x800	58750	53	53	6	25800	37,2	9	38700	55,9	3	12900	18,6	1"5/8	2"5/8	680
4x6D B3	90,5	86,1	513	145	4x630	50440	56	65	10	38700	55,9	12	51600	74,5	3	12900	18,6	1"5/8	2"5/8	640
4x8Y C2	99,2	92,0	615	174	4x800	58940	43	48	6	34200	49,4	9	51300	74	3	17100	18,6	2x1"3/8	2x2"1/8	870
4x6D B4	101,3	97,1	641	181	4x630	47770	54	65	13	51600	74,5	15	64500	93,1	3	12900	18,6	1"5/8	2"5/8	720
3x8D C3	101,5	97,6	615	174	3x800	56070	50	53	10	38700	55,9	12	51600	74,5	3	12900	18,6	1"5/8	2"5/8	770
4x8Y C3	110,2	108,7	820	232	4x800	55750	41	48	10	51300	74	12	68400	98,7	3	17100	24,7	2x1"5/8	2x2"5/8	990
4x8D C2	114,9	106,9	615	174	4x800	78330	59	54	6	34200	49,4	9	51300	74	3	17100	18,6	2x1"3/8	2x2"1/8	870
4x8D C3	136,3	128,5	820	232	4x800	74760	56	54	10	51300	74	12	68400	98,7	3	17100	24,7	2x1"5/8	2x2"5/8	990

* Ø 630 mm : 400 V/3/50 Hz - Δ = 1,500 rpm. - 1,900 W max - 3.2 A max - Y = 1,000 rpm. - 1,350 W max - 2.2 A max (7)

* Ø 800 mm : 400 V/3/50 Hz - Δ = 870 rpm. - 1,900 W max - 3.9 A max - Y = 630 rpm. - 1,100 W max - 2 A max (7)

(1) Standard conditions: SC2 / 0 °C (air inlet temp.) / -8 °C (evaporating temp.) / DT1 = 8K
SC3 / -18 °C (air inlet temp.) / -25 °C (evaporating temp.) / DT1 = 7K
SC4 / -25 °C (air inlet temp.) / -31 °C (evaporating temp.) / DT1 = 6K

(2) Operating pressure: 40 bar - Connection diameters to be defined when ordering.

(3) Residual air speed: 0.25 m/s. - Air throw with VPA option = Standard +15 m

NKT^(A) 1x6^(B) Y^(C) B2^(D) L^(E)

(A) Fin type: **T** = Large heat exchange surface - **H** = High-efficiency fin

(B) Number of fans x Ø: **6** = Ø 630 mm - **8** = Ø 800 mm

(C) Motor connection: **D** = Triangle - **Y** = Star

(D) Module

(E) Fin spacing: **R** = 4.23 mm (positive) - **L** = 6.35 mm (positive) -
C = 6.35 mm (negative) - **S** = 9 mm (negative) - **T** = 12 mm (negative)

The NK is available with CO₂, HFCs and glycol water. For more information, please consult our software.

NKT ... C | T = Large exchange surface

 6.35 mm

NKT ... C	Power		Power		Coil		Ventilation				Electric defrost			Connections		Net weight
	DT 7K - SC3 (1)		DT 6K - SC4 (1)		Surface area	Circuit volume	Nb x Ø	Airflow	Air throw (3) Standard	Acoustics Lp 4m (4)	400 V/3/50 Hz			HFCs		
	CO2 (2) 40 bar	R449A	CO2 (2) 40 bar	R449A							Number	W	A	Inlet	Outlet	
1x6Y B2	14,0	10,1	11,1	7,6		27	1x630	10600	34	51	9	10350	14.9	5/8"	1"3/8	200
1x6D B2	15,5	11,4	12,2	8,6		27	1x630	13330	45	59	9	10350	14.9	5/8"	1"3/8	200
1x6Y B3	16,2	12,4	12,8	9,5		36	1x630	10120	33	51	12	13800	19.9	7/8"	1"5/8	220
1x6Y B4	17,3	14,1	13,7	10,9		45	1x630	9680	32	51	15	17250	24.9	1"1/8	2"1/8	240
1x6D B3	18,2	14,2	14,4	10,7		36	1x630	12610	43	59	12	13800	19.9	7/8"	1"5/8	220
1x8Y C2	20,6	14,9	16,3	11,3		44	1x800	14740	33	42	9	13500	19.5	1"1/8	2"1/8	290
1x6D B4	20,8	16,4	16,5	12,5		45	1x630	11940	42	59	15	17250	24.9	1"1/8	2"1/8	240
1x8Y C3	23,3	18,3	18,6	14,1		58	1x800	13940	31	42	12	18000	26	1"1/8	2"1/8	330
1x8D C2	23,9	17,1	18,8	12,8		44	1x800	19580	45	48	9	13500	19.5	1"1/8	2"1/8	290
2x6Y B2	27,7	21,0	21,9	15,9		54	2x630	21200	35	54	9	19800	28.6	1"1/8	2"1/8	340
1x8D C3	27,4	21,6	21,7	16,4		58	1x800	18690	43	48	12	18000	26	1"1/8	2"1/8	330
2x6D B2	30,5	23,4	24,0	17,6		54	2x630	26660	46	62	9	19800	28.6	1"1/8	2"1/8	340
2x6Y B3	33,0	25,3	26,2	19,5		73	2x630	20230	34	54	12	26400	38.1	1"3/8	2"5/8	390
2x6Y B4	36,0	29,0	28,8	22,5		91	2x630	19350	33	54	15	33000	47.6	1"5/8	2"5/8	430
2x6D B3	37,4	29,0	29,6	22,1		73	2x630	25220	45	62	12	26400	38.1	1"3/8	2"5/8	390
2x8Y C2	41,3	31,2	32,7	23,8		87	2x800	29470	34	45	9	26100	37.7	1"3/8	2"5/8	520
3x6Y B2	42,1	30,9	33,3	23,6		82	3x630	31800	40	56	9	29250	42.2	1"5/8	2"5/8	490
2x6D B4	41,5	33,6	32,9	25,7		91	2x630	23880	43	62	15	33000	47.6	1"5/8	2"5/8	430
2x8Y C3	46,9	37,3	37,4	28,9		116	2x800	27880	32	45	12	34800	50.2	1"5/8	2"5/8	580
3x6D B2	46,9	35,1	36,9	26,5		82	3x630	39990	52	64	9	29250	42.2	1"5/8	2"5/8	490
2x8D C2	47,9	36,1	37,8	27,2		87	2x800	39170	46	51	9	26100	37.7	1"3/8	2"5/8	520
3x6Y B3	47,7	37,6	37,8	29,0		109	3x630	30350	39	56	12	39000	56.3	1"5/8	2"5/8	550
3x6Y B4	50,1	43,9	39,6	34,0		136	3x630	29030	37	56	15	48750	70.4	1"5/8	2"5/8	620
4x6Y B2	55,7	40,8	44,0	30,9		109	4x630	42390	44	57	9	38700	55.9	1"5/8	2"5/8	630
3x6D B3	56,2	42,9	44,4	32,9		109	3x630	37830	51	64	12	39000	56.3	1"5/8	2"5/8	550
2x8D C3	56,5	44,0	44,8	33,7		116	2x800	37380	44	51	12	34800	50.2	1"5/8	2"5/8	580
3x8Y C2	61,8	45,7	49,1	34,7		130	3x800	44210	39	47	9	38700	55.9	2x1"3/8	2x2"1/8	740
4x6D B2	61,4	46,0	48,2	35,0		109	4x630	53320	58	65	9	38700	55.9	1"5/8	2"5/8	630
3x6D B4	63,1	50,9	50,2	39,1		136	3x630	35820	49	64	15	48750	70.4	1"5/8	2"5/8	620
4x6Y B3	65,5	49,7	52,0	38,3		145	4x630	40470	43	57	12	51600	74.5	2x1"5/8	2x2"5/8	720
3x8Y C3	69,4	56,1	55,2	43,5		174	3x800	41810	37	47	12	51600	74.5	1"5/8	3"1/8	840
4x6Y B4	72,2	57,3	57,7	44,5		181	4x630	38710	41	57	15	64500	93.1	1"5/8	3"1/8	800
3x8D C2	71,6	52,6	56,4	40,1		130	3x800	58750	53	53	9	38700	55.9	2x1"3/8	2x2"1/8	740
4x6D B3	75,0	57,1	59,3	43,3		145	4x630	50440	56	65	12	51600	74.5	2x1"5/8	2x2"5/8	720
4x8Y C2	82,7	63,3	65,6	48,7		174	4x800	58940	43	48	9	51300	74	2x1"3/8	2x2"5/8	940
4x6D B4	83,3	66,6	66,2	50,8		181	4x630	47770	54	65	15	64500	93.1	1"5/8	3"1/8	800
3x8D C3	81,3	66,4	64,1	50,8		174	3x800	56070	50	53	12	51600	74.5	1"5/8	3"1/8	840
4x8Y C3	94,1	74,9	75,1	58,2		232	4x800	55750	41	48	12	68400	98.7	2x1"5/8	2x2"5/8	1080
4x8D C2	96,1	73,3	75,8	55,8		174	4x800	78330	59	54	9	51300	74	2x1"3/8	2x2"5/8	940
4x8D C3	111,0	88,6	87,8	68,1		232	4x800	74760	56	54	12	68400	98.7	2x1"5/8	2x2"5/8	1080

(4) Lp = Average sound pressure level in dB(A) calculated at 4 m, level with the blades, in a free field over a reflecting plane, given as an indication only.

Lw = Lp +30 dB(A)

(5) Electric defrost options.

(6) Electric defrost kit.

(7) Adjustment of overload protection. For air temperatures "ti" other than +20 °C, multiply the intensities by the ratio 293/(273 + "ti") to obtain the approximate value of the intensity after heating the room.

NKT (A) 1x6 (B) Y (C) B2 (D) L (E)

(A) Fin type: **T** = Large heat exchange surface - **H** = High-efficiency fin

(B) Number of fans x Ø: **6** = Ø 630 mm - **8** = Ø 800 mm

(C) Motor connection: **D** = Triangle - **Y** = Star

(D) Module

(E) Fin spacing: **R** = 4.23 mm (positive) - **L** = 6.35 mm (positive) -
C = 6.35 mm (negative) - **S** = 9 mm (negative) - **T** = 12 mm (negative)



NKT ... S | T = Large exchange surface

9 mm

NKT ... S	Power		Power		Coil		Ventilation				Electric defrost			Connections		Net weight
	DT 7K - SC3 (1)		DT 6K - SC4 (1)		Surface area	Circuit volume	Nb x Ø	Airflow	Air throw (3) Standard	Acoustics Lp 4m (4)	400 V/3/50 Hz			HFCs		
	CO2 (2) 40 bar	R449A	CO2 (2) 40 bar	R449A							Number	W	A	Inlet	Outlet	
1x6Y B2	13,5	9,6	10,7	7,2	70	27	1x630	10920	35	51	9	10350	14.9	5/8"	1"3/8	190
1x6D B2	14,9	10,8	11,8	8,0	70	27	1x630	13780	46	59	9	10350	14.9	5/8"	1"3/8	190
1x6Y B3	15,8	12,0	12,5	9,0	93	36	1x630	10510	33	51	12	13800	19.9	7/8"	1"5/8	220
1x6Y B4	17,1	13,7	13,6	10,4	117	45	1x630	10130	32	51	15	17250	24.9	1"1/8	2"1/8	240
1x6D B3	17,7	13,5	14,0	10,1	93	36	1x630	13200	44	59	12	13800	19.9	7/8"	1"5/8	220
1x8Y C2	19,8	14,1	15,7	10,5	112	44	1x800	15280	34	42	9	13500	19.5	1"1/8	2"1/8	280
1x6D B4	20,3	15,8	16,1	11,9	117	45	1x630	12630	42	59	15	17250	24.9	1"1/8	2"1/8	240
1x8D C2	23,0	16,1	18,2	12,1	112	44	1x800	20190	46	48	9	13500	19.5	1"1/8	2"1/8	280
1x8Y C3	22,9	17,8	18,2	13,5	149	58	1x800	14590	32	42	12	18000	26	1"1/8	2"1/8	320
2x6Y B2	26,8	19,6	21,2	14,8	140	54	2x630	21840	36	54	9	19800	28.6	1"1/8	2"1/8	330
1x8D C3	26,9	20,6	21,2	15,5	149	58	1x800	19420	44	48	12	18000	26	1"1/8	2"1/8	320
2x6D B2	29,4	22,2	23,1	16,6	140	54	2x630	27570	47	62	9	19800	28.6	1"1/8	2"1/8	330
2x6Y B3	32,1	24,6	25,6	18,5	187	73	2x630	21030	35	54	12	26400	38.1	1"3/8	2"1/8	370
2x6Y B4	35,6	28,1	28,4	21,4	233	91	2x630	20270	34	54	15	33000	47.6	1"5/8	2"5/8	410
2x6D B3	36,2	27,6	28,7	20,9	187	73	2x630	26410	46	62	12	26400	38.1	1"3/8	2"1/8	370
2x8Y C2	39,7	28,8	31,5	21,5	224	87	2x800	30560	34	45	9	26100	37.7	1"5/8	2"5/8	500
3x6Y B2	40,6	29,5	32,2	22,2	210	82	3x630	32750	41	56	9	29250	42.2	1"5/8	2"5/8	470
2x6D B4	40,7	32,3	32,3	24,4	233	91	2x630	25270	45	62	15	33000	47.6	1"5/8	2"5/8	410
3x6D B2	45,0	33,3	35,5	24,9	210	82	3x630	41350	54	64	9	29250	42.2	1"5/8	2"5/8	470
2x8D C2	46,3	32,8	36,5	24,8	224	87	2x800	40390	47	51	9	26100	37.7	1"5/8	2"5/8	500
2x8Y C3	46,0	36,3	36,7	27,6	299	116	2x800	29190	33	45	12	34800	50.2	1"5/8	2"5/8	560
3x6Y B3	46,7	36,4	37,0	27,7	280	109	3x630	31540	40	56	12	39000	56.3	1"5/8	2"5/8	530
4x6Y B2	53,8	39,0	42,5	29,1	280	109	4x630	43670	45	57	9	38700	55.9	1"5/8	2"5/8	610
3x6Y B4	49,7	41,5	39,3	31,5	350	136	3x630	30400	39	56	15	48750	70.4	1"5/8	2"5/8	590
3x6D B3	54,4	41,0	43,1	30,9	280	109	3x630	39610	52	64	12	39000	56.3	1"5/8	2"5/8	530
2x8D C3	55,1	41,9	43,8	31,9	299	116	2x800	38840	45	51	12	34800	50.2	1"5/8	2"5/8	560
3x8Y C2	59,6	43,4	47,3	32,5	336	130	3x800	45840	39	47	9	38700	55.9	2x1"3/8	2x2"1/8	710
4x6D B2	59,1	43,6	46,6	32,8	280	109	4x630	55140	59	65	9	38700	55.9	1"5/8	2"5/8	610
3x6D B4	61,7	47,4	49,1	36,2	350	136	3x630	37900	51	64	15	48750	70.4	1"5/8	2"5/8	590
4x6Y B3	63,9	48,2	51,2	36,5	373	145	4x630	42050	43	57	12	51600	74.5	2x1"5/8	2x2"1/8	690
3x8D C2	69,2	49,5	54,6	37,4	336	130	3x800	60580	54	53	9	38700	55.9	2x1"3/8	2x2"1/8	710
3x8Y C3	68,1	52,9	54,2	39,9	448	174	3x800	43780	38	47	12	51600	74.5	2x1"5/8	2x2"5/8	800
4x6Y B4	71,3	55,7	57,1	41,9	467	181	4x630	40540	43	57	15	64500	93.1	2x1"5/8	2x2"5/8	770
4x6D B3	72,6	54,2	57,5	40,6	373	145	4x630	52820	57	65	12	51600	74.5	2x1"5/8	2x2"1/8	690
4x8Y C2	77,2	60,5	63,2	45,7	448	174	4x800	61120	44	48	9	51300	74	2x1"3/8	2x2"5/8	910
3x8D C3	82,8	60,9	65,7	46,3	448	174	3x800	58270	52	53	12	51600	74.5	2x1"5/8	2x2"5/8	800
4x6D B4	81,7	63,5	64,9	47,7	467	181	4x630	50540	56	65	15	64500	93.1	2x1"5/8	2x2"5/8	770
4x8D C2	92,7	69,6	73,2	52,3	448	174	4x800	80770	60	54	9	51300	74	2x1"3/8	2x2"5/8	910
4x8Y C3	92,1	73,5	73,6	56,0	597	232	4x800	58370	42	48	12	68400	98.7	2x1"5/8	2x2"5/8	1030
4x8D C3	108,6	84,9	86,1	64,6	597	232	4x800	77690	58	54	12	68400	98.7	2x1"5/8	2x2"5/8	1030

* Ø 630 mm : 400 V/3/50 Hz - Δ = 1500 rpm. - 1,900 W max - 3.2 A max - Y = 1000 rpm. - 1350 W max - 2.2 A max (7)

* Ø 800 mm : 400 V/3/50 Hz - Δ = 870 rpm. - 1,900 W max - 3.9 A max - Y = 630 rpm. - 1,100 W max - 2 A max (7)

(1) Standard conditions:

SC2 / 0 °C (air inlet temp.) / -8 °C (evaporating temp.) / DT1 = 8K

SC3 / -18 °C (air inlet temp.) / -25 °C (evaporating temp.) / DT1 = 7K

SC4 / -25 °C (air inlet temp.) / -31 °C (evaporating temp.) / DT1 = 6K

(2) Operating pressure: 40 bar - Connection diameters to be defined when ordering.

(3) Residual air speed: 0.25 m/s. - Air throw with VPA option = Standard +15 m

NKT (A) 1x6 (B) Y (C) B2 (D) L (E)

(A) Fin type: **T** = Large heat exchange surface - **H** = High-efficiency fin

(B) Number of fans x Ø: **6** = Ø 630 mm - **8** = Ø 800 mm

(C) Motor connection: **D** = Triangle - **Y** = Star

(D) Module

(E) Fin spacing: **R** = 4.23 mm (positive) - **L** = 6.35 mm (positive) -
C = 6.35 mm (negative) - **S** = 9 mm (negative) - **T** = 12 mm (negative)

The NK is available with
CO₂, HFCs and glycol water.
For more information, please
consult our software.

NKT ... T | T = Large exchange surface

 12 mm

NKT ... T	Power		Power		Coil		Ventilation				Electric defrost			Connections		Net weight
	DT 7K - SC3 (1)		DT 6K - SC4 (1)		Surface area	Circuit volume	Nb x Ø	Airflow	Air throw (3) Standard	Acoustics Lp 4m (4)	400 V/3/50 Hz			HFCs		
	CO2 (2) 40 bar	R449A	CO2 (2) 40 bar	R449A							Number			Inlet	Outlet	
1x6Y B2	10,9	8,3	8,6	6,3	54	27	1x630	11120	35	51	9	10350	14.9	5/8"	1"3/8	190
1x6D B2	11,9	9,3	9,4	7,0	54	27	1x630	14050	46	59	9	10350	14.9	5/8"	1"3/8	190
1x6Y B3	13,2	10,4	10,5	7,9	72	36	1x630	10760	34	51	12	13800	19.9	7/8"	1"5/8	210
1x6D B3	14,6	11,7	11,6	8,9	72	36	1x630	13570	45	59	12	13800	19.9	7/8"	1"5/8	210
1x6Y B4	14,9	12,1	11,9	9,3	91	45	1x630	10430	33	51	15	17250	24.9	1"1/8	2"1/8	230
1x8Y C2	16,0	12,1	12,8	9,0	87	44	1x800	15620	34	42	9	13500	19.5	1"1/8	2"1/8	280
1x6D B4	16,9	13,8	13,4	10,5	91	45	1x630	13080	43	59	15	17250	24.9	1"1/8	2"1/8	230
1x8D C2	18,5	13,8	14,7	10,4	87	44	1x800	20580	47	48	9	13500	19.5	1"1/8	2"1/8	280
1x8Y C3	19,3	15,5	15,5	11,9	116	58	1x800	15020	33	42	12	18000	26	1"1/8	2"1/8	310
2x6Y B2	21,8	16,9	17,3	12,9	109	54	2x630	22230	36	54	9	19800	28.6	1"1/8	2"1/8	320
1x8D C3	22,5	18,0	17,9	13,7	116	58	1x800	19900	45	48	12	18000	26	1"1/8	2"1/8	310
2x6D B2	23,8	19,1	18,8	14,3	109	54	2x630	28110	48	62	9	19800	28.6	1"1/8	2"1/8	320
2x6Y B3	26,6	21,3	21,2	16,2	145	73	2x630	21530	36	54	12	26400	38.1	1"3/8	2"1/8	360
2x6D B3	29,4	23,9	23,5	18,2	145	73	2x630	27140	47	62	12	26400	38.1	1"3/8	2"1/8	360
2x6Y B4	30,4	24,8	24,4	19,0	181	91	2x630	20860	34	54	15	33000	47.6	1"5/8	2"5/8	400
2x8Y C2	31,8	25,5	25,3	19,4	174	87	2x800	31250	35	45	9	26100	37.7	1"3/8	2"5/8	490
3x6Y B2	32,8	25,6	26,1	19,3	163	82	3x630	33350	41	56	9	29250	42.2	1"5/8	2"5/8	460
2x6D B4	34,2	28,2	27,3	21,4	181	91	2x630	26160	45	62	15	33000	47.6	1"5/8	2"5/8	400
3x6D B2	35,9	28,3	28,4	21,5	163	82	3x630	42160	54	64	9	29250	42.2	1"5/8	2"5/8	460
2x8D C2	36,3	29,5	29,4	22,2	174	87	2x800	41150	48	51	9	26100	37.7	1"3/8	2"5/8	490
2x8Y C3	38,8	31,6	31,1	24,2	232	116	2x800	30030	34	45	12	34800	50.2	1"5/8	2"5/8	550
3x6Y B3	39,4	31,4	31,4	24,0	217	109	3x630	32290	40	56	12	39000	56.3	1"5/8	2"5/8	520
4x6Y B2	43,7	33,5	34,7	25,1	217	109	4x630	44460	46	57	9	38700	55.9	1"5/8	2"5/8	600
3x6D B3	43,5	35,4	34,5	26,8	217	109	3x630	40700	53	64	12	39000	56.3	1"5/8	2"5/8	520
2x8D C3	45,1	36,5	35,9	28,0	232	116	2x800	39790	46	51	12	34800	50.2	1"5/8	2"5/8	550
3x6Y B4	43,7	38,0	34,7	29,1	272	136	3x630	31290	39	56	15	48750	70.4	1"5/8	2"5/8	580
3x8Y C2	47,8	38,7	38,6	29,5	261	130	3x800	46870	40	47	9	38700	55.9	1"5/8	2"5/8	700
4x6D B2	47,7	37,0	37,8	28,0	217	109	4x630	56210	60	65	9	38700	55.9	1"5/8	2"5/8	600
3x6D B4	51,3	43,1	40,9	32,9	272	136	3x630	39240	51	64	15	48750	70.4	1"5/8	2"5/8	580
4x6Y B3	53,3	41,4	42,5	31,6	290	145	4x630	43050	44	57	12	51600	74.5	2x1"5/8	2x2"1/8	670
3x8D C2	55,7	44,5	44,2	33,8	261	130	3x800	61730	55	53	9	38700	55.9	1"5/8	2"5/8	700
3x8Y C3	57,8	47,9	46,3	36,6	348	174	3x800	45050	39	47	12	51600	74.5	1"5/8	3"1/8	790
4x6Y B4	60,9	49,8	48,8	38,0	362	181	4x630	41710	43	57	15	64500	93.1	1"5/8	3"1/8	750
4x6D B3	59,1	46,5	47,0	35,1	290	145	4x630	54270	58	65	12	51600	74.5	2x1"5/8	2x2"1/8	670
4x8Y C2	63,8	51,5	50,8	39,1	348	174	4x800	62500	45	48	9	51300	74	2x1"3/8	2x2"5/8	890
3x8D C3	67,0	55,6	53,3	42,3	348	174	3x800	59690	53	53	12	51600	74.5	1"5/8	3"1/8	790
4x6D B4	68,6	56,6	54,8	43,1	362	181	4x630	52310	57	65	15	64500	93.1	1"5/8	3"1/8	750
4x8D C2	72,8	59,1	58,8	44,7	348	174	4x800	82300	61	54	9	51300	74	2x1"3/8	2x2"5/8	890
4x8Y C3	77,7	63,4	62,2	48,7	464	232	4x800	60060	43	48	12	68400	98.7	2x1"5/8	2x2"5/8	1010
4x8D C3	90.5	73.4	72.0	56.2	464	232	4x800	79590	59	54	12	68400	98.7	2x1"5/8	2x2"5/8	1010

(4) Lp = Average sound pressure level in dB(A) calculated at 4 m, level with the blades, in a free field over a reflecting plane, given as an indication only.

Lw = Lp +30 dB(A)

(5) Electric defrost options.

(6) Electric defrost kit.

(7) Adjustment of overload protection. For air temperatures "ti" other than +20 °C, multiply the intensities by the ratio 293/(273 + "ti") to obtain the approximate value of the intensity after heating the room.

NKT_(A) 1x6_(B) Y_(C) B2_(D) L_(E)

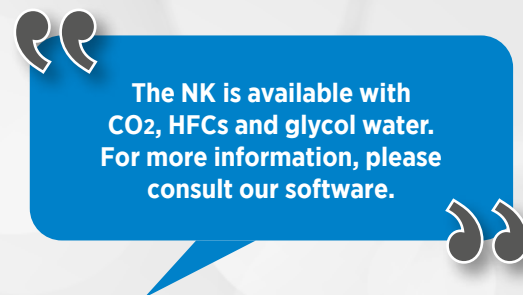
(A) Fin type: **T** = Large heat exchange surface - **H** = High-efficiency fin

(B) Number of fans x Ø: **6** = Ø 630 mm - **8** = Ø 800 mm

(C) Motor connection: **D** = Triangle - **Y** = Star

(D) Module

(E) Fin spacing: **R** = 4.23 mm (positive) - **L** = 6.35 mm (positive) -
C = 6.35 mm (negative) - **S** = 9 mm (negative) - **T** = 12 mm (negative)



NKH ... R | H = High-efficiency fin

 **4.23 mm**

NKH ... R	Power		Coil		Ventilation				Electric defrost									Connections		Net weight
	DT 8K - SC2 (1)		Surface area	Circuit volume	Nb x Ø	Airflow	Air throw (3) Standard	Acoustics Lp 4m (4)	E1U (5) 400 V/3/50 Hz			ELU (5) 400 V/3/50 Hz			ECK kit (6) 400 V/3/50 Hz			HFCs		
	CO2 (2) 50 bar	R449A							Number	W	A	Number	W	A	Number	W	A	Inlet	Outlet	
1x6Y B1	18,5	17,3	74	14	1x630	10270	33	51	6	6900	10	6	6900	10	-	-	-	7/8"	1"5/8	160
1x6D B1	20,3	19,7	74	14	1x630	12770	43	59	6	6900	10	6	6900	10	-	-	-	7/8"	1"5/8	160
1x6Y B2	22,7	22,2	111	22	1x630	9480	30	51	7	10350	14,9	9	10350	14,9	3	3450	5	1"1/8	1"5/8	180
1x6Y B3	25,0	23,6	149	29	1x630	8830	29	51	10	13800	19,9	12	13800	19,9	3	3450	5	1"1/8	1"5/8	200
1x6D B2	26,0	25,5	111	22	1x630	11580	40	59	7	10350	14,9	9	10350	14,9	3	3450	5	1"1/8	1"5/8	180
1x8Y C1	28,1	26,1	124	24	1x800	15260	31	42	6	9000	13	6	9000	13	-	-	-	1"3/8	2"1/8	240
1x6D B3	29,6	27,8	149	29	1x630	10670	38	59	10	13800	19,9	12	13800	19,9	3	3450	5	1"1/8	1"5/8	200
1x8Y C2	33,2	31,9	186	36	1x800	14220	29	42	7	9000	13	9	13500	19,5	3	4500	6,5	1"3/8	2"1/8	270
1x8D C1	32,9	30,5	124	24	1x800	20260	43	48	6	9000	13	6	9000	13	-	-	-	1"3/8	2"1/8	240
2x6Y B1	37,2	34,6	149	29	2x630	20530	36	54	6	13200	19,1	6	13200	19,1	-	-	-	1"3/8	2"1/8	270
1x8D C2	40,2	38,9	186	36	1x800	19130	40	48	7	9000	13	9	13500	19,5	3	4500	6,5	1"3/8	2"1/8	270
2x6D B1	41,0	39,9	149	29	2x630	25540	44	62	6	13200	19,1	6	13200	19,1	-	-	-	1"3/8	2"1/8	270
2x6Y B2	45,7	43,2	223	43	2x630	18970	32	54	7	19800	28,6	9	19800	28,6	3	6600	9,5	1"3/8	2"1/8	300
2x6Y B3	48,6	47,9	297	58	2x630	17650	30	54	10	26400	38,1	12	26400	38,1	3	6600	9,5	1"5/8	2"1/8	340
2x6D B2	52,3	50,2	223	43	2x630	23160	42	62	7	19800	28,6	9	19800	28,6	3	6600	9,5	1"3/8	2"1/8	300
3x6Y B1	55,9	52,6	223	43	3x630	30800	38	56	6	19500	28,1	6	19500	28,1	-	-	-	1"5/8	2"1/8	370
2x8Y C1	55,0	52,9	248	48	2x800	30520	32	45	6	17400	25,1	6	17400	25,1	-	-	-	1"5/8	2"5/8	420
2x6D B3	59,5	56,3	297	58	2x630	21340	39	62	10	26400	38,1	12	26400	38,1	3	6600	9,5	1"5/8	2"1/8	340
3x6D B1	63,2	60,1	223	43	3x630	38310	50	64	6	19500	28,1	6	19500	28,1	-	-	-	1"5/8	2"1/8	370
2x8Y C2	65,1	62,7	371	72	2x800	28440	30	45	7	17400	25,1	9	26100	37,7	3	8700	12,6	1"5/8	2"5/8	480
2x8D C1	63,9	61,6	248	48	2x800	40530	44	51	6	17400	25,1	6	17400	25,1	-	-	-	1"5/8	2"5/8	420
3x6Y B2	67,8	67,4	334	65	3x630	28450	36	56	7	19500	28,1	9	29250	42,2	3	9750	14,1	2x1"3/8	2x2"1/8	430
4x6Y B1	74,6	68,4	297	58	4x630	41070	44	57	6	25800	37,2	6	25800	37,2	-	-	-	1"5/8	2"5/8	480
3x6Y B3	71,3	70,4	445	86	3x630	26480	33	56	10	29250	42,2	12	39000	56,3	3	9750	14,1	1"5/8	2"5/8	490
3x8Y C1	83,7	72,4	371	72	3x800	45780	37	47	6	25800	37,2	6	25800	37,2	-	-	-	1"5/8	2"5/8	570
2x8D C2	80,7	76,5	371	72	2x800	38260	41	51	7	17400	25,1	9	26100	37,7	3	8700	12,6	1"5/8	2"5/8	480
3x6D B2	77,4	77,9	334	65	3x630	34750	47	64	7	19500	28,1	9	29250	42,2	3	9750	14,1	2x1"3/8	2x2"1/8	430
3x6D B3	89,4	82,8	445	86	3x630	32010	44	64	10	29250	42,2	12	39000	56,3	3	9750	14,1	1"5/8	2"5/8	490
4x6D B1	82,5	78,3	297	58	4x630	51080	55	65	6	25800	37,2	6	25800	37,2	-	-	-	2x1"5/8	2x2"1/8	480
3x8D C1	97,6	84,4	371	72	3x800	60790	50	53	6	25800	37,2	6	25800	37,2	-	-	-	1"5/8	2"5/8	570
4x6Y B2	91,7	86,3	445	86	4x630	37930	40	57	7	25800	37,2	9	38700	55,9	3	12900	18,6	2x1"3/8	2x2"1/8	550
3x8Y C2	100,1	92,8	557	108	3x800	42650	34	47	7	25800	37,2	9	38700	55,9	3	12900	18,6	2x1"5/8	2x2"1/8	670
4x6Y B3	97,5	95,6	594	115	4x630	35310	37	57	10	38700	55,9	12	51600	74,5	3	12900	18,6	2x1"5/8	2x2"1/8	630
4x6D B2	105,0	100,3	445	86	4x630	46330	52	65	7	25800	37,2	9	38700	55,9	3	12900	18,6	2x1"3/8	2x2"1/8	550
4x8Y C2	129,3	109,8	742	144	4x800	56870	38	48	7	34200	49,4	9	51300	74	3	17100	24,7	2x1"5/8	2x2"5/8	840
4x8Y C1	110,3	106,2	495	96	4x800	61040	41	48	6	34200	49,4	6	34200	49,4	-	-	-	2x1"5/8	2x2"5/8	740
4x6D B3	119,3	112,5	594	115	4x630	42680	49	65	10	38700	55,9	12	51600	74,5	3	12900	18,6	2x1"5/8	2x2"1/8	630
3x8D C2	121,3	113,2	557	108	3x800	57390	47	53	7	25800	37,2	9	38700	55,9	3	12900	18,6	2x1"5/8	2x2"1/8	670
4x8D C1	131,8	123,7	495	96	4x800	81060	56	54	6	34200	49,4	6	34200	49,4	-	-	-	2x1"5/8	2x2"5/8	740
4x8D C2	154,6	133,9	742	144	4x800	76520	52	54	7	34200	49,4	9	51300	74	3	17100	24,7	2x1"5/8	2x2"5/8	840

* Ø 630 mm : 400 V/3/50 Hz - Δ = 1500 rpm. - 1,900 W max - 3.2 A max - Y = 1000 rpm. - 1350 W max - 2.2 A max (7)

* Ø 800 mm : 400 V/3/50 Hz - Δ = 870 rpm. - 1,900 W max - 3.9 A max - Y = 630 rpm. - 1,100 W max - 2 A max (7)

- (1) Standard conditions: SC2 / 0 °C (air inlet temp.) / -8 °C (evaporating temp.) / DT1 = 8K
SC3 / -18 °C (air inlet temp.) / -25 °C (evaporating temp.) / DT1 = 7K
SC4 / -25 °C (air inlet temp.) / -31 °C (evaporating temp.) / DT1 = 6K

(2) Operating pressure: 50 bar - Connection diameters to be defined when ordering.

(3) Residual air speed: 0.25 m/s. - Air throw with **VPA** option = Standard **+15 m**

NKT^(A) 1x6^(B) Y^(C) B2^(D) L^(E)

(A) Fin type: **T** = Large heat exchange surface - **H** = High-efficiency fin

(B) Number of fans x Ø: **6** = Ø 630 mm - **8** = Ø 800 mm

(C) Motor connection: **D** = Triangle - **Y** = Star

(D) Module

(E) Fin spacing: **R** = 4.23 mm (positive) - **L** = 6.35 mm (positive) -
C = 6.35 mm (negative) - **S** = 9 mm (negative) - **T** = 12 mm (negative)

The NK is available with
CO₂, HFCs and glycol water.
For more information, please
consult our software.

NKH ... L | H = High-efficiency fin

 6.35 mm

NKH ... L	Power		Coil		Ventilation				Electric defrost									Connections		Net weight
	DT 8K - SC2 (1)		Surface area	Circuit volume	Nb x Ø	Airflow	Air throw (3) Standard	Acoustics Lp 4m (4)	E1U (5) 400 V/3/50 Hz			ELU (5) 400 V/3/50 Hz			ECK kit (6) 400 V/3/50 Hz			HFCs		
	CO2 (2) 50 bar	R449A							Number	W	A	Number	W	A	Number	W	A	Inlet	Outlet	
1x6Y B1	15,1	15,0	51	14	1x630	10720	34	51	6	6900	10	6	6900	10	-	-	-	7/8"	1"3/8	160
1x6D B1	16,4	17,1	51	14	1x630	13450	45	59	6	6900	10	6	6900	10	-	-	-	7/8"	1"3/8	160
1x6Y B2	19,5	19,5	77	22	1x630	10070	32	51	7	6900	10	9	10350	14,9	3	3450	5	1"1/8	1"5/8	180
1x6Y B3	21,9	22,5	102	29	1x630	9490	30	51	10	10350	14,9	12	13800	19,9	3	3450	5	1"1/8	1"5/8	190
1x6D B2	21,8	22,8	77	22	1x630	12460	42	59	7	6900	10	9	10350	14,9	3	3450	5	1"1/8	1"5/8	180
1x8Y C1	22,7	22,7	85	24	1x800	15830	33	42	6	9000	13	6	9000	13	-	-	-	1"3/8	1"5/8	230
1x6D B3	25,8	26,8	102	29	1x630	11600	40	59	10	10350	14,9	12	13800	19,9	3	3450	5	1"1/8	1"5/8	190
1x8D C1	25,9	26,8	85	24	1x800	20870	45	48	6	9000	13	6	9000	13	-	-	-	1"3/8	1"5/8	230
1x8Y C2	27,1	29,1	128	36	1x800	14990	31	42	7	9000	13	9	13500	19,5	3	4500	6,5	1"3/8	2"1/8	260
2x6Y B1	26,0	30,7	102	29	2x630	21440	37	54	6	13200	19,1	6	13200	19,1	-	-	-	1"3/8	2"1/8	260
1x8D C2	34,2	35,0	128	36	1x800	19970	43	48	7	9000	13	9	13500	19,5	3	4500	6,5	1"3/8	2"1/8	260
2x6D B1	33,0	34,8	102	29	2x630	26910	46	62	6	13200	19,1	6	13200	19,1	-	-	-	1"3/8	2"1/8	260
2x6Y B2	39,2	39,1	153	43	2x630	20140	33	54	7	13200	19,1	9	19800	28,6	3	6600	9,5	1"3/8	2"1/8	290
2x6Y B3	44,1	45,1	204	58	2x630	18990	32	54	10	19800	28,6	12	26400	38,1	3	6600	9,5	1"5/8	2"1/8	330
2x6D B2	43,8	45,5	153	43	2x630	24930	44	62	7	13200	19,1	9	19800	28,6	3	6600	9,5	1"3/8	2"1/8	290
2x8Y C1	45,6	47,6	170	48	2x800	31660	34	45	6	17400	25,1	6	17400	25,1	-	-	-	1"3/8	2"1/8	400
3x6Y B1	45,5	46,0	153	43	3x630	32160	40	56	6	19500	28,1	6	19500	28,1	-	-	-	1"5/8	2"1/8	360
2x6D B3	51,7	53,7	204	58	2x630	23200	42	62	10	19800	28,6	12	26400	38,1	3	6600	9,5	1"5/8	2"1/8	330
3x6D B1	50,0	52,4	153	43	3x630	40360	52	64	6	19500	28,1	6	19500	28,1	-	-	-	1"5/8	2"1/8	360
2x8D C1	52,1	53,7	170	48	2x800	41740	46	51	6	17400	25,1	6	17400	25,1	-	-	-	1"5/8	2"1/8	400
2x8Y C2	57,3	58,4	255	72	2x800	29980	31	45	7	17400	25,1	9	26100	37,7	3	8700	12,6	1"5/8	2"5/8	460
3x6Y B2	58,4	59,4	230	65	3x630	30200	37	56	7	19500	28,1	9	29250	42,2	3	9750	14,1	2x1"3/8	2x2"1/8	410
4x6Y B1	60,7	61,4	204	58	4x630	42880	46	57	6	25800	37,2	6	25800	37,2	-	-	-	1"5/8	2"5/8	470
3x8Y C1	68,9	63,0	255	72	3x800	47490	39	47	6	25800	37,2	6	25800	37,2	-	-	-	1"5/8	2"5/8	550
3x6Y B3	65,2	67,0	306	86	3x630	28480	36	56	10	29250	42,2	12	39000	56,3	3	9750	14,1	1"5/8	2"5/8	460
2x8D C2	68,6	70,3	255	72	2x800	39940	43	51	7	17400	25,1	9	26100	37,7	3	8700	12,6	1"5/8	2"5/8	460
3x6D B2	65,1	69,2	230	65	3x630	37390	49	64	7	19500	28,1	9	29250	42,2	3	9750	14,1	2x1"3/8	2x2"1/8	410
4x6D B1	66,1	68,1	204	58	4x630	53820	58	65	6	25800	37,2	6	25800	37,2	-	-	-	2x1"5/8	2x2"1/8	470
3x8D C1	79,0	74,5	255	72	3x800	62620	53	53	6	25800	37,2	6	25800	37,2	-	-	-	1"5/8	2"5/8	550
4x6Y B2	78,5	78,5	306	86	4x630	40270	42	57	7	25800	37,2	9	38700	55,9	3	12900	18,6	2x1"3/8	2x2"1/8	530
3x6D B3	77,7	79,8	306	86	3x630	34800	47	64	10	29250	42,2	12	39000	56,3	3	9750	14,1	1"5/8	2"5/8	460
3x8Y C2	87,3	86,6	383	108	3x800	44960	37	47	7	25800	37,2	9	38700	55,9	3	12900	18,6	2x1"5/8	2x2"1/8	650
4x6Y B3	88,6	90,6	409	115	4x630	37980	40	57	10	38700	55,9	12	51600	74,5	3	12900	18,6	2x1"5/8	2x2"1/8	600
4x6D B2	87,7	91,4	306	86	4x630	49860	55	65	7	25800	37,2	9	38700	55,9	3	12900	18,6	2x1"3/8	2x2"1/8	530
4x8Y C1	91,3	91,6	340	96	4x800	63320	43	48	6	34200	49,4	6	34200	49,4	-	-	-	2x1"5/8	2x2"1/8	720
4x8Y C2	114,2	103,3	511	144	4x800	59950	40	48	7	34200	49,4	9	51300	74	3	17100	24,7	2x1"5/8	2x2"1/8	800
3x8D C2	103,1	104,3	383	108	3x800	59900	50	53	7	25800	37,2	9	38700	55,9	3	12900	18,6	2x1"5/8	2x2"1/8	650
4x6D B3	103,7	107,8	409	115	4x630	46390	52	65	10	38700	55,9	12	51600	74,5	3	12900	18,6	2x1"5/8	2x2"1/8	600
4x8D C1	106,0	108,0	340	96	4x800	83490	59	54	6	34200	49,4	6	34200	49,4	-	-	-	2x1"5/8	2x2"1/8	720
4x8D C2	133,7	126,0	511	144	4x800	79870	55	54	7	34200	49,4	9	51300	74	3	17100	24,7	2x1"5/8	2x2"1/8	800

(4) Lp = Average sound pressure level in dB(A) calculated at 4 m, level with the blades, in a free field over a reflecting plane, given as an indication only.

Lw = Lp + 30 dB(A)

(5) Electric defrost options.

(6) Electric defrost kit.

(7) Adjustment of overload protection. For air temperatures "ti" other than +20 °C, multiply the intensities by the ratio 293/(273 + "ti") to obtain the approximate value of the intensity after heating the room.

NKT_(A) 1x6_(B) Y_(C) B2_(D) L_(E)

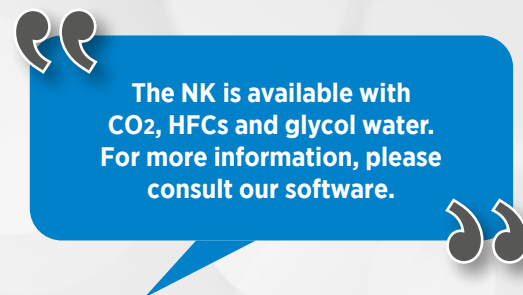
(A) Fin type: **T** = Large heat exchange surface - **H** = High-efficiency fin

(B) Number of fans x Ø: **6** = Ø 630 mm - **8** = Ø 800 mm

(C) Motor connection: **D** = Triangle - **Y** = Star

(D) Module

(E) Fin spacing: **R** = 4.23 mm (positive) - **L** = 6.35 mm (positive) -
C = 6.35 mm (negative) - **S** = 9 mm (negative) - **T** = 12 mm (negative)



NKH ... C | H = High-efficiency fin

 **6.35 mm**

NKH ... C	Power		Power		Coil		Ventilation				Electric defrost			Connections		Net weight
	DT 7K - SC3 (1)		DT 6K - SC4 (1)		Surface area	Circuit volume	Nb x Ø	Airflow	Air throw (3) Standard	Acoustics Lp 4m (4)	400 V/3/50 Hz		HFCs			
	CO2 (2) 50 bar	R449A	CO2 (2) 50 bar	R449A							Number			Inlet	Outlet	
1x6Y B1	12,1	10,6	9,7	8,3	51	14	1x630	10720	34	51	6	6900	10	7/8"	1"5/8	170
1x6D B1	13,1	12,0	10,4	9,4	51	14	1x630	13450	45	59	6	6900	10	7/8"	1"5/8	170
1x6Y B2	15,8	14,0	12,8	11,1	77	22	1x630	10070	32	51	9	10350	14.9	1"1/8	2"1/8	190
1x6Y B3	18,4	16,7	14,9	13,4	102	29	1x630	9490	30	51	12	13800	19.9	1"3/8	2"1/8	210
1x6D B2	17,5	16,2	14,1	12,8	77	22	1x630	12460	42	59	9	10350	14.9	1"1/8	2"1/8	190
1x8Y C1	18,8	16,3	15,2	13,0	85	24	1x800	15830	33	42	6	9000	13	1"3/8	2"1/8	250
1x6D B3	20,9	19,5	16,9	15,6	102	29	1x630	11600	40	59	12	13800	19.9	1"3/8	2"1/8	210
1x8D C1	21,5	19,1	17,3	15,1	85	24	1x800	20870	45	48	6	9000	13	1"3/8	2"1/8	250
1x8Y C2	23,7	21,0	19,2	16,8	128	36	1x800	14990	31	42	9	13500	19.5	1"3/8	2"1/8	280
2x6Y B1	24,4	21,9	19,6	17,3	102	29	2x630	21440	37	54	6	13200	19.1	1"3/8	2"1/8	290
1x8D C2	27,7	25,0	22,3	19,8	128	36	1x800	19970	43	48	9	13500	19.5	1"3/8	2"1/8	280
2x6D B1	26,4	24,5	21,1	19,3	102	29	2x630	26910	46	62	6	13200	19.1	1"3/8	2"1/8	290
2x6Y B2	31,9	28,8	25,7	23,1	153	43	2x630	20140	36	54	9	19800	28.6	1"5/8	2"1/8	320
2x6Y B3	37,0	33,7	30,1	27,3	204	58	2x630	18990	32	54	12	26400	38.1	1"5/8	2"5/8	360
3x6Y B1	37,7	32,5	30,5	25,8	153	43	3x630	32160	40	56	6	19500	28.1	1"5/8	2"5/8	410
2x6D B2	36,3	33,1	29,4	26,2	153	43	2x630	24930	44	62	9	19800	28.6	1"5/8	2"5/8	320
2x8Y C1	36,6	33,0	29,4	26,3	170	48	2x800	31660	34	45	6	17400	25.1	1"5/8	2"5/8	440
2x8Y C2	46,0	37,3	37,1	29,7	255	72	2x800	29980	31	45	9	26100	37.7	1"5/8	2"5/8	500
3x6D B1	41,0	37,0	33,0	29,1	153	43	3x630	40360	52	64	6	19500	28.1	1"5/8	2"5/8	410
2x6D B3	42,1	39,7	34,1	31,7	204	58	2x630	23200	42	62	12	26400	38.1	1"5/8	2"5/8	360
2x8D C1	41,4	38,8	33,1	30,8	170	48	2x800	41740	46	51	6	17400	25.1	1"5/8	2"5/8	440
3x6Y B2	47,0	42,9	37,9	34,5	230	65	3x630	30200	37	56	9	29250	42.2	2x1"3/8	2x2"1/8	460
3x8Y C1	55,9	42,9	45,1	33,5	255	72	3x800	47490	39	47	6	25800	37.2	1"5/8	2"5/8	600
2x8D C2	55,7	44,8	44,9	35,1	255	72	2x800	39940	43	51	9	26100	37.7	1"5/8	2"5/8	500
4x6Y B1	49,0	43,2	39,4	34,4	204	58	4x630	42880	44	57	6	25800	37.2	2x1"5/8	2x2"1/8	520
3x6Y B3	55,6	50,9	45,2	41,0	306	86	3x630	28480	36	56	12	39000	56.3	2x1"5/8	2x2"1/8	520
3x6D B2	52,0	49,9	41,7	39,7	230	65	3x630	37390	49	64	9	29250	42.2	2x1"3/8	2x2"1/8	460
3x8D C1	63,6	50,3	51,0	39,0	255	72	3x800	62620	53	53	6	25800	37.2	1"5/8	2"5/8	600
4x6D B1	53,0	48,9	42,5	38,8	204	58	4x630	53820	58	65	6	25800	37.2	2x1"5/8	2x2"1/8	520
3x8Y C2	71,5	55,4	58,1	44,2	383	108	3x800	44960	37	47	9	38700	55.9	2x1"5/8	2x2"5/8	700
4x6Y B3	70,8	60,3	57,0	47,5	409	115	4x630	37980	40	57	12	51600	74.5	2x1"5/8	2x2"5/8	670
3x6D B3	63,3	59,9	51,2	47,9	306	86	3x630	34800	47	64	12	39000	56.3	2x1"5/8	2x2"1/8	520
3x8D C2	83,7	67,3	67,6	52,1	383	108	3x800	59900	50	53	9	38700	55.9	2x1"5/8	2x2"5/8	700
4x8Y C1	73,4	66,2	59,1	52,9	340	96	4x800	63320	43	48	6	34200	49.4	2x1"5/8	2x2"5/8	780
4x6D B3	84,5	70,1	68,4	55,5	409	115	4x630	46390	52	65	12	51600	74.5	2x1"5/8	2x2"5/8	670
4x8D C1	86,2	77,9	69,4	61,9	340	96	4x800	83490	59	54	6	34200	49.4	2x1"5/8	2x2"5/8	780

* Ø 630 mm : 400 V/3/50 Hz - Δ = 1500 rpm. - 1,900 W max - 3.2 A max - Y = 1000 rpm. - 1350 W max - 2.2 A max (7)

* Ø 800 mm : 400 V/3/50 Hz - Δ = 870 rpm. - 1,900 W max - 3.9 A max - Y = 630 rpm. - 1,100 W max - 2 A max (7)

- (1) Standard conditions: SC2 / 0 °C (air inlet temp.) / -8 °C (evaporating temp.) / DT1 = 8K
SC3 / -18 °C (air inlet temp.) / -25 °C (evaporating temp.) / DT1 = 7K
SC4 / -25 °C (air inlet temp.) / -31 °C (evaporating temp.) / DT1 = 6K

(2) Operating pressure: 50 bar - Connection diameters to be defined when ordering.

(3) Residual air speed: 0.25 m/s. - Air throw with **VPA** option = Standard **+15 m**

NKT^(A) 1x6^(B) Y^(C) B2^(D) L^(E)

(A) Fin type: **T** = Large heat exchange surface - **H** = High-efficiency fin

(B) Number of fans x Ø: **6** = Ø 630 mm - **8** = Ø 800 mm

(C) Motor connection: **D** = Triangle - **Y** = Star

(D) Module

(E) Fin spacing: **R** = 4.23 mm (positive) - **L** = 6.35 mm (positive) -
C = 6.35 mm (negative) - **S** = 9 mm (negative) - **T** = 12 mm (negative)

The NK is available with
CO₂, HFCs and glycol water.
For more information, please
consult our software.

NKH ... S | H = High-efficiency fin

 9 mm

NKH ... S	Power		Power		Coil		Ventilation				Electric defrost			Connections		Net weight
	DT 7K - SC3 (1)		DT 6K - SC4 (1)		Surface area	Circuit volume	Nb x Ø	Airflow	Air throw (3) Standard	Acoustics Lp 4m (4)	400 V/3/50 Hz			HFCs		
	CO2 (2) 50 bar	R449A	CO2 (2) 50 bar	R449A							Number	W	A	Inlet	Outlet	
1x6Y B1	11,4	9,2	9,1	7,1	37	14	1x630	11000	35	51	6	6900	10	7/8"	1"5/8	170
1x6D B1	12,3	10,2	9,9	7,9	37	14	1x630	13860	46	59	6	6900	10	7/8"	1"5/8	170
1x6Y B2	15,1	12,4	12,2	9,7	56	22	1x630	10450	33	51	9	10350	14.9	1"1/8	1"5/8	190
1x6D B2	16,6	14,1	13,4	11,0	56	22	1x630	13050	44	59	9	10350	14.9	1"1/8	1"5/8	190
1x8Y C1	17,6	14,0	14,3	11,0	62	24	1x800	16180	34	42	6	9000	13	1"3/8	2"1/8	250
1x6Y B3	17,8	15,1	14,5	11,9	75	29	1x630	9950	32	51	12	13800	19.9	1"1/8	2"1/8	210
1x8D C1	20,2	16,1	16,3	8,1	62	24	1x800	21230	47	48	6	9000	13	1"3/8	2"1/8	250
1x6D B3	20,1	17,3	16,2	13,7	75	29	1x630	12280	42	59	12	13800	19.9	1"1/8	2"1/8	210
1x8Y C2	22,6	18,8	18,3	14,8	94	36	1x800	15470	32	42	9	13500	19.5	1"3/8	2"1/8	280
2x6Y B1	22,9	18,5	18,5	14,5	75	29	2x630	22010	38	54	6	13200	19.1	1"3/8	2"1/8	280
2x6D B1	24,8	20,8	19,9	16,2	75	29	2x630	27720	47	62	6	13200	19.1	1"3/8	2"1/8	280
1x8D C2	26,4	21,9	21,3	17,2	94	36	1x800	20490	44	48	9	13500	19.5	1"3/8	2"1/8	280
2x6Y B2	30,3	25,0	25,1	19,8	112	43	2x630	20900	37	54	9	19800	28.6	1"3/8	2"1/8	320
3x6Y B1	35,2	28,2	28,5	22,1	112	43	3x630	33010	41	56	6	19500	28.1	1"5/8	2"5/8	400
2x6D B2	34,4	28,7	27,9	22,5	112	43	2x630	26100	45	62	9	19800	28.6	1"5/8	2"5/8	320
2x8Y C1	34,3	28,3	27,7	22,3	125	48	2x800	32350	35	45	6	17400	25.1	1"5/8	2"5/8	430
2x6Y B3	34,2	30,6	29,1	24,3	150	58	2x630	19890	33	54	12	26400	38.1	1"5/8	2"5/8	360
3x6D B1	38,3	31,4	31,0	24,5	112	43	3x630	41580	54	64	6	19500	28.1	1"5/8	2"5/8	400
2x8Y C2	44,0	33,9	35,6	26,2	187	72	2x800	30950	33	45	9	26100	37.7	1"5/8	2"5/8	480
2x8D C1	39,0	32,6	33,1	16,4	125	48	2x800	42460	48	51	6	17400	25.1	1"5/8	2"5/8	430
2x6D B3	40,4	35,1	32,7	27,8	150	58	2x630	24560	44	62	12	26400	38.1	1"5/8	2"5/8	360
4x6Y B1	46,0	36,1	37,1	27,9	150	58	4x630	44020	47	57	6	25800	37.2	1"5/8	2"5/8	510
3x8Y C1	52,3	37,5	42,3	28,6	187	72	3x800	48530	40	47	6	25800	37.2	1"5/8	2"5/8	590
3x6Y B2	44,9	38,0	36,2	30,0	169	65	3x630	31350	39	56	9	29250	42.2	2x1"1/8	2x2"1/8	450
2x8D C2	53,1	39,4	42,9	30,3	187	72	2x800	40990	45	51	9	26100	37.7	1"5/8	2"5/8	480
4x6D B1	49,8	40,9	40,0	32,1	150	58	4x630	55450	59	65	6	25800	37.2	2x1"3/8	2x2"1/8	510
3x6D B2	49,5	43,3	39,8	34,0	169	65	3x630	39150	51	64	9	29250	42.2	2x1"1/8	2x2"1/8	450
3x8D C1	59,8	43,3	48,1	21,9	187	72	3x800	63700	55	53	6	25800	37.2	1"5/8	2"5/8	590
4x6Y B2	60,9	44,9	49,4	34,1	225	86	4x630	41800	43	57	9	38700	55.9	2x1"3/8	2x2"1/8	570
3x6Y B3	53,7	46,2	43,8	36,7	225	86	3x630	29840	37	56	12	39000	56.3	2x1"3/8	2x2"1/8	510
3x8Y C2	68,1	50,3	55,4	38,8	281	108	3x800	46420	38	47	9	38700	55.9	2x1"5/8	2x2"1/8	670
4x6D B2	67,3	50,9	54,4	38,8	225	86	4x630	52200	57	65	9	38700	55.9	2x1"3/8	2x2"1/8	570
3x6D B3	60,7	52,9	49,2	42,0	225	86	3x630	36840	49	64	12	39000	56.3	2x1"3/8	2x2"1/8	510
4x6Y B3	68,7	54,9	58,4	42,2	300	115	4x630	39790	42	57	12	51600	74.5	2x1"3/8	2x2"5/8	640
3x8D C2	79,7	58,6	64,5	44,9	281	108	3x800	61480	52	53	9	38700	55.9	2x1"5/8	2x2"1/8	670
4x8Y C1	68,8	57,1	55,5	44,9	250	96	4x800	64700	45	48	6	34200	49.4	2x1"5/8	2x2"5/8	770
4x6D B3	81,1	62,8	65,7	48,5	300	115	4x630	49120	55	65	12	51600	74.5	2x1"3/8	2x2"5/8	640
4x8Y C2	87,2	64,6	73,0	48,4	375	144	4x800	61890	42	48	9	51300	74	2x1"5/8	2x2"5/8	860
4x8D C1	80,9	65,7	65,3	33,1	250	96	4x800	84930	61	54	6	34200	49.4	2x1"5/8	2x2"5/8	770
4x8D C2	104,8	75,1	84,6	56,8	375	144	4x800	81970	58	54	9	51300	74	2x1"5/8	2x2"5/8	860

(4) Lp = Average sound pressure level in dB(A) calculated at 4 m, level with the blades, in a free field over a reflecting plane, given as an indication only.

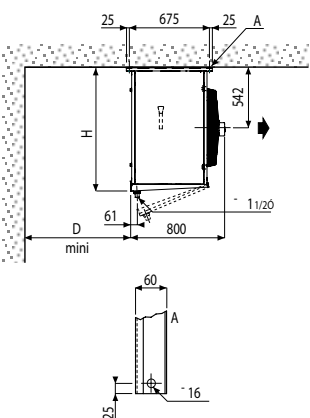
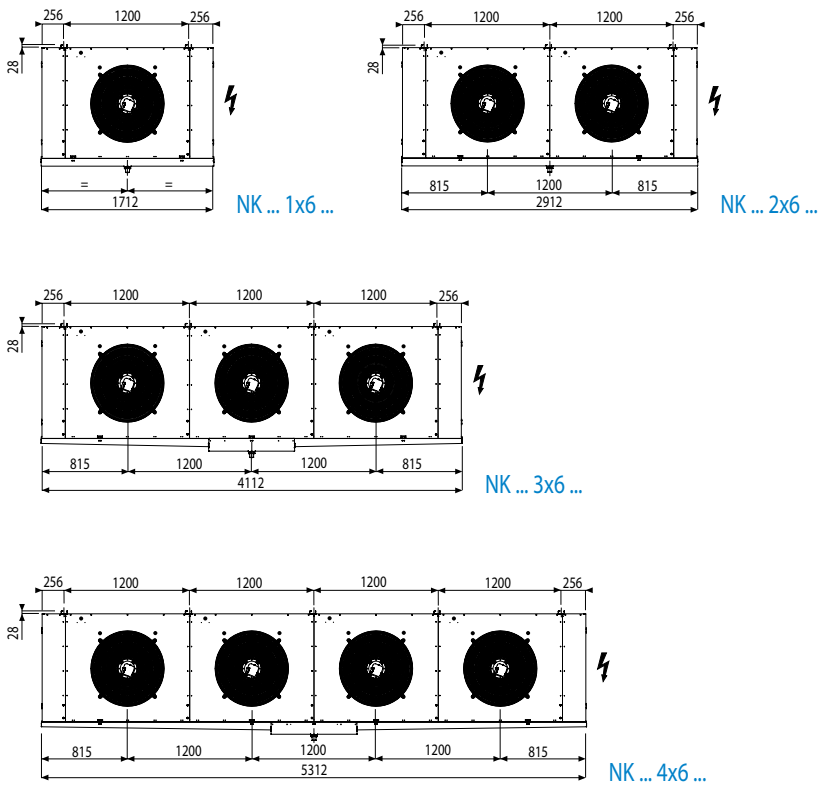
Lw = Lp + 30 dB(A)

(5) Electric defrost options.

(6) Electric defrost kit.

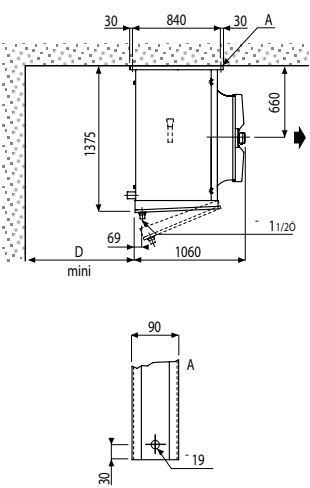
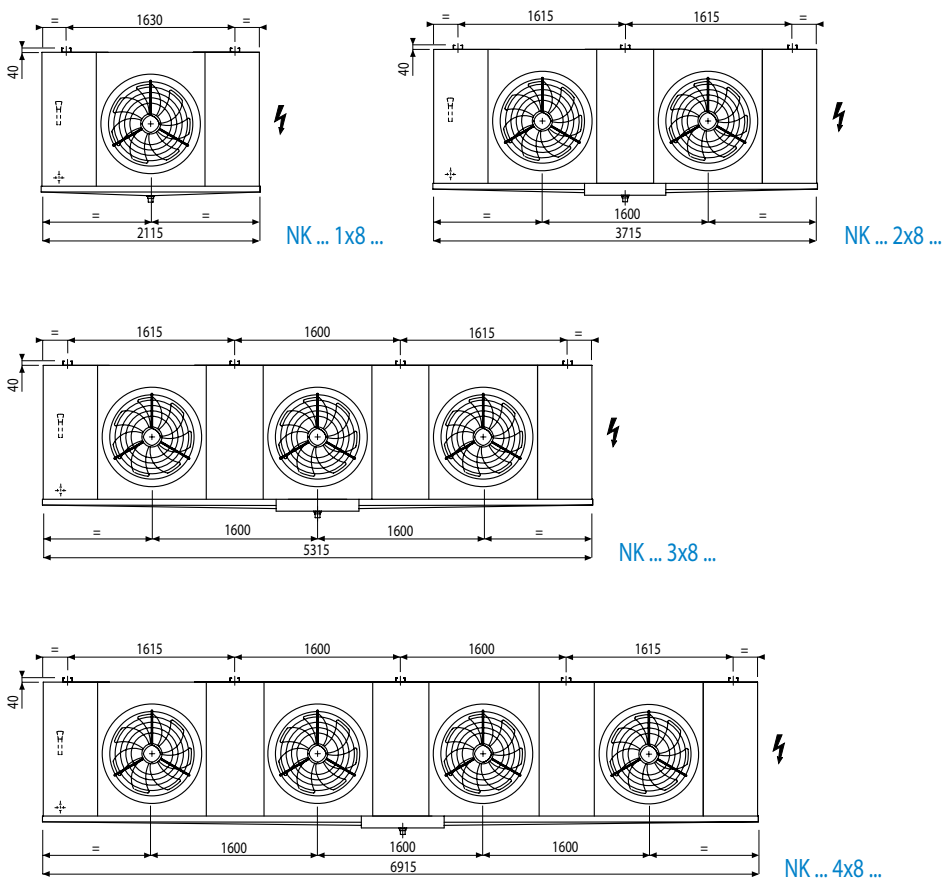
(7) Adjustment of overload protection. For air temperatures "ti" other than +20 °C, multiply the intensities by the ratio 293/(273 + "ti") to obtain the approximate value of the intensity after heating the room.

NK | Ø 630 mm



	D	H
1	550	1115
2	700	1115
3	800	1158
4	850	1158

NK | Ø 800 mm



	D
1	700
2	900
3	1000
4	1050