

FRIGA-BOHN

NK

NEW!

Cubic unit cooler
Industrial range



CO₂
60 bar

HFC

W
GLYCOL



|||| 6 - 200 kW



- # **Robustness:** Our NK industrial evaporators have been designed to ensure the highest level of quality and durability through :
 - A **robust and proven design.**
 - **Intense qualification** between laboratory and field tests.
 - **Systematic pressure** and leakage resistance tests **performed on 100% of the products.**
- # **Adaptability:** The NK range offers hundreds of possible configurations thanks to :
 - 2 versions: H for high efficiency and T for a large exchange surface.
 - 4 fin pitches: 4.23 - 6.35 - 9 or 12 mm.
 - 4 fan diameters: Ø500, Ø630 and Ø800 and Ø1000 mm.
- # Whatever model you choose, the NK guarantees :
 - **Easy installation and maintenance** (quick access to the battery and fans).
 - **Low energy consumption** (EC motors as standard).

VENTILATION

The NK range is equipped with 2 types of fans:

- EC fans in standard
 - AC fans in options
- # 4 types of motor fans on the NK range:
- Ø 500 mm (from 600 to 1500 rpm) or 4/6 poles (1300/950 rpm)
 - Ø 630 mm (from 400 to 1000 rpm) or 4/6 poles (1200/850 rpm)
 - Ø 800 mm (from 400 to 950 rpm) or 6/8 poles (850/650 rpm)
 - Ø 1000 mm 6/8 poles (830/630 rpm)
- # Three-phase motors 400V, IP54, class F.



OPTIONS

- | | | |
|------------|--|--------------------------------|
| CMU | Factory motor wiring. | |
| C2V | 2-speed motor wiring. | CONTACT US |
| M60 | Motor fans 230-400V/3/60Hz. | |
| VPA | Air pressure shell also allowing connection of a textile duct. | KIT TO INSTALL |
| VPM | Flexible defrosting sleeve + ferrule air rectifier. | KIT TO INSTALL |
| 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 | Special polyester paint. | |

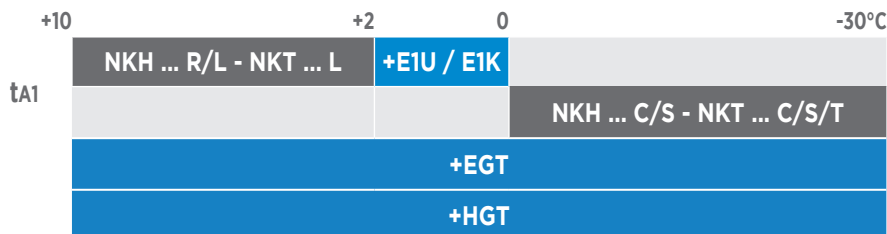
COILS

- # 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.
 - WCO (glycol water, coolant).
 - CO₂ 60 bar

Select your coil treatment
to extend your unit cooler's lifespan!
Contact us.

DEFROST

- # The product design allows even heat dissipation for efficient defrosting.
- # 3 defrost modes and many options available to best suit your application.



OPTIONS

- EGT** Hot water glycol defrost (drain pan and coil in series)
- E1U** Light electric defrost (coil + drain pan).
- E1K** Light electric defrost (coil + drain pan). **KIT TO INSTALL**
- HDA** Suction defrost hood. **KIT TO INSTALL**
- VPM** Air pressure collar + flexible defrosting handle. **KIT TO INSTALL**
- HGT** Total hot gas defrost (coil and drain pan).
- RVU** Shell defrost heaters.
- RVK** Shell defrost heaters. **KIT TO INSTALL**
- KIP** Thermal insulation of doors. **KIT TO INSTALL**

EGT | Hot water glycol defrost

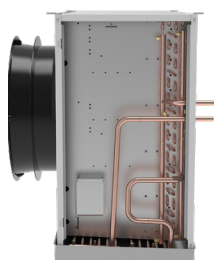
Operating principle :

Hot glycol water is sent in series through the drip tray and then through part of the evaporator coil tubes to ensure total defrosting of the exchanger.

Defrost supplement :

To ensure optimum defrosting it is necessary to consider the following options:

- KIP: Thermal insulation of doors
- HDA: Extraction defrost hood
- VPM: Flexible defrost sleeve + air pressure collar
- EIS: Insulated Drainer



VPA | Air pressure collar

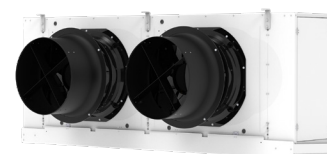
Even airflow distribution :

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

- Ø500mm +10m
- Ø630mm +15m
- Ø800mm +15m
- Ø1000mm +15m

Application requiring the installation of a textile duct :

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



HGT | Full hot gas defrost

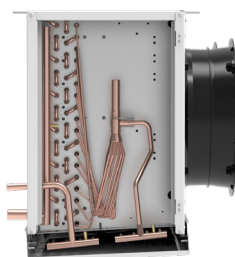
Operating principle :

The hot gases from the compressors are sent in series to the drip tray and then to the evaporator coil to ensure total defrosting of the exchanger.

Defrost supplement :

To ensure optimum defrosting it is necessary to consider the following options:

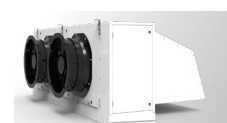
- KIP: Thermal insulation of doors
- HDA: Extraction defrost hood
- VPM: Flexible defrost sleeve + air pressure collar
- EIS: Insulated Drainer



HDA + VPM | Defrosting hood + flexible cuff

Defrost in negative application :

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



NKH_(A) 1x6_(B) E_(C) B2_(D) R_(E)

- (A) Fin type: **T** = Large heat exchange surface - **H** = High-efficiency fin
- (B) Number of fans x \varnothing : **5** = \varnothing 500 mm - **6** = \varnothing 630 mm - **8** = \varnothing 800 mm - **1** = \varnothing 1000 mm
- (C) Motor connection: **E** = EC - **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 ... 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 \varnothing	Airflow	Air Throw ⁽³⁾ Standard	Acoustics Lp 4m ⁽⁴⁾	EIU ⁽⁵⁾			HFC		
	CO ₂ (2) 60 bar	R404A	R449A							Number	Power	Current	Inlet	Outlet	
				kW	kW	kW	W	A	\varnothing						
1x5Y A1	13.6	9.9	10.3	46	9	1x500	6000	24	43	6	3600	5,2	5/8"	1 1/8	120
1x5Y A2	15.5	11.4	12.0	70	14	1x500	5520	21	43	6	6000	8,7	5/8"	1 1/8	131
1x5D A1	16.2	11.7	12.0	46	9	1x500	8070	32	49	6	3600	5,2	5/8"	1 1/8	120
1x5E A1	16.5	11.9	12.2	46	9	1x500	8340	32	53	6	3600	5,2	5/8"	1 1/8	117
1x5Y A3	16.4	12.5	13.2	93	18	1x500	5140	20	43	9	9000	13,0	1 1/8"	1 3/8	157
1x5D A2	18.0	13.8	14.5	70	14	1x500	7540	29	49	6	6000	8,7	5/8"	1 1/8	131
1x5E A2	18.4	14.2	14.9	70	14	1x500	7930	29	53	6	6000	8,7	5/8"	1 1/8	128
1x5D A3	19.7	15.7	16.5	93	18	1x500	7090	27	49	9	9000	13,0	1 1/8"	1 3/8	157
1x6Y B1	21.9	15.9	16.7	74	14	1x630	9790	30	51	6	6600	9,5	7/8"	1 3/8	182
1x5E A3	19.8	16.4	17.3	93	18	1x500	7580	27	53	9	9000	13,0	1 1/8"	1 3/8	154
1x6E B1	25.6	18.5	19.5	74	14	1x630	12940	42	55	6	6600	9,5	7/8"	1 3/8	182
1x6D B1	26.1	18.9	19.9	74	14	1x630	13460	42	60	6	6600	9,5	7/8"	1 3/8	182
1x6Y B2	25.7	19.0	20.0	111	22	1x630	9040	27	51	9	9900	14,3	1 1/8"	1 3/8	203
2x5Y A1	25.6	19.6	20.7	93	18	2x500	12010	26	46	6	8700	12,6	1 1/8"	1 3/8	199
1x6Y B3	25.2	20.0	21.1	148	29	1x630	8410	26	51	12	13200	19,1	1 1/8"	1 3/8	237
1x6E B2	30.7	23.0	24.2	111	22	1x630	12170	39	55	9	9900	14,3	1 1/8"	1 3/8	203
2x5D A1	31.0	23.1	24.3	93	18	2x500	16150	35	52	6	8700	12,6	1 1/8"	1 3/8	199
2x5Y A2	31.1	23.3	24.6	139	27	2x500	11040	23	46	6	12000	17,3	1 1/8"	1 5/8	221
2x5E A1	31.4	23.4	24.6	93	18	2x500	16680	35	56	6	8700	12,6	1 1/8"	1 3/8	193
1x6D B2	31.3	23.5	24.8	111	22	1x630	12600	39	60	9	9900	14,3	1 1/8"	1 3/8	203
1x6E B3	32.6	24.8	26.1	148	29	1x630	11510	37	55	12	13200	19,1	1 1/8"	1 3/8	237
2x5Y A3	34.6	25.2	26.6	186	36	2x500	10270	22	46	9	18000	26,0	1 3/8"	1 5/8	266
1x6D B3	33.0	25.3	26.7	148	29	1x630	11850	37	60	12	13200	19,1	1 1/8"	1 3/8	237
1x8Y C1	35.0	25.6	27.0	124	24	1x800	15150	35	47	6	9600	13,9	1 3/8"	1 5/8	253
2x5D A2	38.3	28.5	30.0	139	27	2x500	15080	33	52	6	12000	17,3	1 1/8"	1 5/8	221
2x5E A2	39.6	29.3	30.8	139	27	2x500	15870	33	56	6	12000	17,3	1 1/8"	1 5/8	215
3x5Y A1	39.8	30.0	31.4	139	27	3x500	18010	29	48	6	12000	17,3	1 3/8"	1 5/8	276
1x8D C1	41.4	30.3	31.6	124	24	1x800	20270	45	53	6	9600	13,9	1 3/8"	1 5/8	253
1x8Y C2	40.0	30.3	31.9	186	36	1x800	14100	33	47	12	19200	27,7	1 3/8"	2 1/8	292
1x8E C1	42.5	31.1	32.3	124	24	1x800	21250	45	54	6	9600	13,9	1 3/8"	1 5/8	250
2x5D A3	41.8	31.8	33.5	186	36	2x500	14180	30	52	9	18000	26,0	1 3/8"	1 5/8	266
2x6Y B1	44.0	32.1	33.8	148	29	2x630	19590	32	54	6	15000	21,7	1 3/8"	1 5/8	309
2x5E A3	43.4	33.1	34.9	186	36	2x500	15170	30	56	9	18000	26,0	1 3/8"	1 5/8	261
3x5Y A2	44.3	34.8	36.6	209	40	3x500	16560	27	48	6	18600	26,8	1 3/8"	2 1/8	308
3x5D A1	46.9	35.6	36.7	139	27	3x500	24220	41	54	6	12000	17,3	1 3/8"	1 5/8	276
3x5E A1	47.7	36.2	37.3	139	27	3x500	25020	41	58	6	12000	17,3	1 3/8"	1 5/8	267
1x8D C2	47.7	36.9	38.8	186	36	1x800	19120	42	53	12	19200	27,7	1 3/8"	2 1/8	292
2x6E B1	51.6	37.5	39.5	148	29	2x630	25880	44	58	6	15000	21,7	1 3/8"	1 5/8	309
3x5Y A3	49.8	37.7	39.7	278	54	3x500	15410	24	48	9	27900	40,3	1 5/8"	2 1/8	372
1x8E C2	48.9	37.8	39.8	186	36	1x800	20010	42	54	12	19200	27,7	1 3/8"	2 1/8	289
2x6D B1	52.7	38.3	40.3	148	29	2x630	26920	44	63	6	15000	21,7	1 3/8"	1 5/8	309
2x6Y B2	51.9	38.3	40.4	223	43	2x630	18090	29	54	9	22500	32,5	1 5/8"	1 5/8	352
4x5Y A1	53.8	39.5	41.6	186	36	4x500	24020	34	49	6	18000	26,0	1 3/8"	2 1/8	350
2x6Y B3	51.6	40.4	42.6	297	58	2x630	16830	28	54	12	30000	43,3	1 5/8"	2 1/8	408
3x5D A2	55.9	42.3	44.6	209	40	3x500	22620	38	54	6	18600	26,8	1 3/8"	2 1/8	308
3x5E A2	57.3	43.6	45.9	209	40	3x500	23800	38	58	6	18600	26,8	1 3/8"	2 1/8	300
4x5D A1	63.6	46.4	48.8	186	36	4x500	32300	47	55	6	18000	26,0	1 3/8"	2 1/8	350
2x6E B2	62.1	46.5	48.9	223	43	2x630	24330	42	58	9	22500	32,5	1 5/8"	1 5/8	352
4x5Y A2	62.2	47.0	49.5	278	54	4x500	22080	31	49	6	24600	35,5	1 5/8"	2 1/8	394
3x5D A3	59.2	47.1	49.6	278	54	3x500	21280	35	54	9	27900	40,3	1 5/8"	2 1/8	372
4x5E A1	64.7	47.2	49.7	186	36	4x500	33360	47	59	6	18000	26,0	1 3/8"	2 1/8	339
2x6D B2	63.4	47.6	50.1	223	43	2x630	25200	42	63	9	22500	32,5	1 5/8"	1 5/8	352
3x6Y B1	64.5	48.4	51.0	223	43	3x630	29380	37	56	6	17400	25,1	1 5/8"	2 1/8	431
3x5E A3	67.3	49.2	51.8	278	54	3x500	22750	35	58	9	27900	40,3	1 5/8"	2 1/8	363
2x6E B3	67.0	50.3	53.0	297	58	2x630	23020	39	58	12	30000	43,3	1 5/8"	2 1/8	408
4x5Y A3	67.8	50.7	53.4	371	72	4x500	20550	28	49	9	36900	53,3	1 5/8"	2 5/8	478

NKH_(A) 1x6_(B) E_(C) B2_(D) R_(E)

- (A) Fin type: **T** = Large heat exchange surface - **H** = High-efficiency fin
 (B) Number of fans x Ø : **5** = Ø 500 mm - **6** = Ø 630 mm - **8** = Ø 800 mm - **1** = Ø 1000 mm
 (C) Motor connection: **E** = EC - **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 ... 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⁾ 400V / 3 / 50Hz			HFC		
	CO ₂ (2) 60 bar	R404A	R449A							Number	Power W	Current A	Inlet Ø	Outlet Ø	
	kW	kW	kW	m ²	dm ³	mm	m ³ /h	m	dB(A)						
2x6D B3	67.8	51.1	53.8	297	58	2x630	23700	39	63	12	30000	43,3	1"5/8	2"1/8	408
2x8Y C1	67.7	51.6	54.3	247	48	2x800	30290	36	50	6	19800	28,6	1"5/8	2"1/8	432
3x6E B1	75.2	56.4	59.4	223	43	3x630	38820	50	60	6	17400	25,1	1"5/8	2"1/8	431
4x5D A2	74.6	57.5	60.5	278	54	4x500	30160	44	55	6	24600	35,5	1"5/8	2"1/8	394
3x6D B1	76.8	57.7	60.7	223	43	3x630	40390	50	65	6	17400	25,1	1"5/8	2"1/8	431
3x6Y B2	75.0	57.7	60.8	334	65	3x630	27130	35	56	9	33300	48,1	1"5/8	2"1/8	495
4x5E A2	76.7	59.3	62.5	278	54	4x500	31730	44	59	6	24600	35,5	1"5/8	2"1/8	383
2x8Y C2	79.7	59.7	62.8	371	72	2x800	28190	34	50	12	39600	57,2	1"5/8	2"5/8	508
3x6Y B3	78.0	59.7	62.9	445	86	3x630	25240	32	56	12	44400	64,1	1"5/8	2"5/8	574
2x8D C1	83.3	61.1	63.7	247	48	2x800	40540	46	56	6	19800	28,6	1"5/8	2"1/8	432
4x6Y B1	88.4	62.2	65.4	297	58	4x630	39170	42	57	6	29400	42,4	1"5/8	2"5/8	552
2x8E C1	85.5	62.7	65.3	247	48	2x800	42490	46	57	6	19800	28,6	1"5/8	2"1/8	426
4x5D A3	77.1	63.8	67.2	371	72	4x500	28370	41	55	9	36900	53,3	1"5/8	2"5/8	478
4x5E A3	87.6	66.9	70.4	371	72	4x500	30330	41	59	9	36900	53,3	1"5/8	2"5/8	467
3x6E B2	86.5	70.0	73.7	334	65	3x630	36500	47	60	9	33300	48,1	1"5/8	2"1/8	495
3x6D B2	87.8	71.4	75.2	334	65	3x630	37800	47	65	9	33300	48,1	1"5/8	2"1/8	495
4x6E B1	103.7	71.5	75.2	297	58	4x630	51760	57	61	6	29400	42,4	1"5/8	2"5/8	552
2x8D C2	103.3	72.1	75.9	371	72	2x800	38240	43	56	12	39600	57,2	1"5/8	2"5/8	508
4x6D B1	105.9	72.8	76.7	297	58	4x630	53850	57	66	6	29400	42,4	1"5/8	2"5/8	552
2x8E C2	106.2	74.0	77.9	371	72	2x800	40010	43	57	12	39600	57,2	1"5/8	2"5/8	503
3x6E B3	101.3	74.1	78.1	445	86	3x630	34540	44	60	12	44400	64,1	1"5/8	2"5/8	574
3x8Y C1	101.7	74.7	78.7	371	72	3x800	45440	41	52	6	29400	42,4	1"5/8	2"5/8	608
3x6D B3	102.7	74.9	78.9	445	86	3x630	35550	44	65	12	44400	64,1	1"5/8	2"5/8	574
4x6Y B2	100.4	75.1	79.1	445	86	4x630	36180	39	57	9	44100	63,7	1"5/8	2"5/8	637
2x1Y D1	-	80.5	84.8	371	72	2x1000	49530	44	52	9	36900	53,3	1"5/8	2"5/8	652
4x6Y B3	104.4	81.6	85.9	594	115	4x630	33650	36	57	12	58800	84,9	2x1"5/8	2x2"1/8	741
3x8D C1	125.2	86.8	91.4	371	72	3x800	60820	52	58	6	29400	42,4	1"5/8	2"5/8	608
3x8E C1	128.5	88.8	93.5	371	72	3x800	63740	52	58	6	29400	42,4	1"5/8	2"5/8	600
3x8Y C2	121.4	89.7	94.4	557	108	3x800	42290	38	52	12	58800	84,9	2x1"5/8	2x2"1/8	724
4x6E B2	115.9	89.9	94.7	445	86	4x630	48670	54	61	9	44100	63,7	1"5/8	2"5/8	637
2x1D D1	-	91.5	96.3	371	72	2x1000	62790	52	58	9	36900	53,3	1"5/8	2"5/8	652
4x6D B2	117.7	91.9	96.7	445	86	4x630	50400	54	66	9	44100	63,7	1"5/8	2"5/8	637
2x1Y D2	-	97.0	102.2	557	108	2x1000	46100	42	52	12	49200	71,0	2x1"5/8	2x2"5/8	749
4x6E B3	135.7	101.1	106.4	594	115	4x630	46050	51	61	12	58800	84,9	2x1"5/8	2x2"1/8	741
4x6D B3	137.5	103.3	108.8	594	115	4x630	47390	51	66	12	58800	84,9	2x1"5/8	2x2"1/8	741
4x8Y C1	135.7	103.6	109.0	495	96	4x800	60580	45	53	6	37800	54,6	2x1"5/8	2x2"5/8	786
3x8D C2	145.3	108.1	113.8	557	108	3x800	57360	49	58	12	58800	84,9	2x1"5/8	2x2"1/8	724
3x8E C2	149.1	111.0	116.9	557	108	3x800	60020	49	58	12	58800	84,9	2x1"5/8	2x2"1/8	715
4x8Y C2	157.0	111.4	117.3	742	144	4x800	56390	42	53	12	75600	109,1	2x1"5/8	2x2"5/8	938
2x1D D2	-	113.4	119.5	557	108	2x1000	58920	49	58	12	49200	71,0	2x1"5/8	2x2"5/8	749
4x8D C1	167.1	122.6	128.1	495	96	4x800	81090	58	59	6	37800	54,6	2x1"5/8	2x2"5/8	786
3x1Y D1	-	122.6	128.3	557	108	3x1000	74300	49	53	9	55800	80,5	2x1"5/8	2x2"5/8	923
4x8E C1	171.5	125.9	131.2	495	96	4x800	84990	58	60	6	37800	54,6	2x1"5/8	2x2"5/8	775
4x8D C2	198.7	131.4	138.3	742	144	4x800	76480	54	59	12	75600	109,1	2x1"5/8	2x2"5/8	938
4x8E C2	203.3	134.6	141.7	742	144	4x800	80020	54	60	12	75600	109,1	2x1"5/8	2x2"5/8	927
3x1Y D2	-	135.4	142.6	835	162	3x1000	69160	46	53	12	74400	107,4	2x1"5/8	2x2"5/8	1069
3x1D D1	-	140.7	145.6	557	108	3x1000	94190	58	59	9	55800	80,5	2x1"5/8	2x2"5/8	923
3x1D D2	-	155.6	163.9	835	162	3x1000	88380	55	59	12	74400	107,4	2x1"5/8	2x2"5/8	1069

*Ø 500 mm : 400 V/3/50 Hz - Δ = 1330 rpm. - 800 W max - 1.4 A max | Y = 960 rpm. - 540 W max - 0.9 A max (5) | *Ø 630 mm : 400 V/3/50 Hz - Δ = 1210 rpm. - 1450 W max - 2.4 A max | Y = 860 rpm. - 820 W max - 1.4 A max (5)

*Ø 800 mm : 400 V/3/50 Hz - Δ = 870 rpm. - 1850 W max - 3.8 A max | Y = 640 rpm. - 1050 W max - 2.0 A max (5) | *Ø 1000 mm : 400 V/3/50 Hz - Δ = 830 rpm. - 2900 W max - 5.6 A max | Y = 630 rpm. - 1750 W max - 3.0 A max (5)

(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 | SC5 / -34 °C (air inlet temp.) / -40 °C (evaporating temp.) / DT1 = 6K

(2) Operating pressure: 60 bar - Connection diameters to be defined when ordering.

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

(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.

NKH_(A) 1x6_(B) E_(C) B2_(D) L_(E)

- (A) Fin type: **T** = Large heat exchange surface - **H** = High-efficiency fin
- (B) Number of fans x Ø : **5** = Ø 500 mm - **6** = Ø 630 mm - **8** = Ø 800 mm - **1** = Ø 1000 mm
- (C) Motor connection: **E** = EC - **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⁾			HFC		
	CO ₂ (2) 60 bar	R404A	R449A							400V / 3 / 50Hz			Inlet	Outlet	
				Number	Power	Current	Ø	Ø	kg						
	kW	kW	kW	m ²	dm ³	mm	m ³ /h	m	dB(A)		W	A			
1x5Y A1	10.8	8.1	8.3	32	9	1x500	6160	25	43	6	3600	5.2	5/8"	1"1/8	116
1x5D A1	12.7	9.3	9.6	32	9	1x500	8230	34	49	6	3600	5.2	5/8"	1"1/8	116
1x5E A1	12.9	9.5	9.7	32	9	1x500	8460	34	53	6	3600	5.2	5/8"	1"1/8	113
1x5Y A2	12.9	10.0	10.5	48	14	1x500	5700	22	43	6	3600	5.2	5/8"	1"1/8	126
1x5Y A3	13.9	11.3	11.9	64	18	1x500	5330	21	43	9	5400	7.8	1"1/8	1"1/8	149
1x5D A2	15.3	11.9	12.5	48	14	1x500	7740	31	49	6	3600	5.2	5/8"	1"1/8	126
1x5E A2	16.3	12.1	12.8	48	14	1x500	8090	31	53	6	3600	5.2	5/8"	1"1/8	123
1x6Y B1	17.4	13.1	13.5	51	14	1x630	10020	31	51	6	6600	9.5	7/8"	1"1/8	176
1x5D A3	17.2	13.8	14.6	64	18	1x500	7320	29	49	9	5400	7.8	1"1/8	1"1/8	149
1x5E A3	17.6	14.4	15.1	64	18	1x500	7760	29	53	9	5400	7.8	1"1/8	1"1/8	147
1x6E B1	20.2	15.0	15.4	51	14	1x630	13160	44	55	6	6600	9.5	7/8"	1"1/8	176
1x6D B1	20.7	15.3	15.7	51	14	1x630	13710	44	60	6	6600	9.5	7/8"	1"1/8	176
2x5Y A1	21.4	16.2	17.0	64	18	2x500	12310	27	46	6	8700	12.6	1"1/8	1"3/8	191
1x6Y B2	21.3	16.4	17.3	77	22	1x630	9330	28	51	9	9900	14.3	1"1/8	1"3/8	194
1x6Y B3	23.5	18.2	19.2	102	29	1x630	8740	27	51	12	13200	19.1	1"1/8	1"3/8	225
2x5D A1	24.9	18.8	19.6	64	18	2x500	16470	37	52	6	8700	12.6	1"1/8	1"3/8	191
2x5E A1	25.2	19.0	19.8	64	18	2x500	16920	37	56	6	8700	12.6	1"1/8	1"3/8	186
1x6E B2	26.2	19.4	20.4	77	22	1x630	12460	41	55	9	9900	14.3	1"1/8	1"3/8	194
1x6D B2	26.8	19.8	20.8	77	22	1x630	12930	41	60	9	9900	14.3	1"1/8	1"3/8	194
2x5Y A2	24.5	20.2	21.3	96	27	2x500	11400	26	46	6	8700	12.6	1"1/8	1"3/8	210
1x8Y C1	27.5	20.9	21.8	85	24	1x800	15450	37	47	6	9600	13.9	1"1/8	1"5/8	243
1x6E B3	28.1	22.1	23.2	102	29	1x630	11850	39	55	12	13200	19.1	1"1/8	1"3/8	225
1x6D B3	28.5	22.5	23.6	102	29	1x630	12240	39	60	12	13200	19.1	1"1/8	1"3/8	225
2x5Y A3	28.5	22.7	23.9	128	36	2x500	10660	23	46	9	13050	18.8	1"3/8	1"5/8	251
1x8D C1	32.1	24.2	25.2	85	24	1x800	20590	47	53	6	9600	13.9	1"1/8	1"5/8	243
2x5D A2	29.5	24.2	25.5	96	27	2x500	15490	35	52	6	8700	12.6	1"1/8	1"3/8	210
3x5Y A1	31.4	24.2	25.5	96	27	3x500	18470	31	48	6	12000	17.3	1"1/8	1"5/8	264
1x8E C1	32.8	24.8	25.8	85	24	1x800	21610	47	54	6	9600	13.9	1"1/8	1"5/8	240
2x5E A2	30.0	24.8	26.1	96	27	2x500	16190	35	56	6	8700	12.6	1"1/8	1"3/8	204
1x8Y C2	33.4	26.2	27.6	128	36	1x800	14490	35	47	9	14400	20.8	1"3/8	1"5/8	273
2x6Y B1	33.1	26.3	27.2	102	29	2x630	20040	33	54	6	12600	18.2	1"3/8	1"5/8	297
2x5D A3	33.2	27.9	29.4	128	36	2x500	14650	33	52	9	13050	18.8	1"3/8	1"5/8	251
3x5D A1	37.1	27.9	29.4	96	27	3x500	24700	43	54	6	12000	17.3	1"1/8	1"5/8	264
3x5E A1	37.6	28.3	29.8	96	27	3x500	25380	43	58	6	12000	17.3	1"1/8	1"5/8	256
2x5E A3	36.2	29.0	30.6	128	36	2x500	15520	33	56	9	13050	18.8	1"3/8	1"5/8	246
2x6E B1	38.7	30.3	31.1	102	29	2x630	26330	46	58	6	12600	18.2	1"3/8	1"5/8	297
3x5Y A2	39.4	30.4	32.0	144	40	3x500	17100	28	48	6	12000	17.3	1"3/8	1"5/8	292
2x6D B1	39.4	30.9	31.7	102	29	2x630	27420	46	63	6	12600	18.2	1"3/8	1"5/8	297
1x8D C2	41.5	31.3	33.0	128	36	1x800	19570	45	53	9	14400	20.8	1"3/8	1"5/8	273
1x8E C2	42.5	32.1	33.8	128	36	1x800	20470	45	54	9	14400	20.8	1"3/8	1"5/8	270
2x6Y B2	41.8	32.6	34.4	153	43	2x630	18660	32	54	9	18900	27.3	1"3/8	1"5/8	333
4x5Y A1	43.0	32.6	34.1	128	36	4x500	24630	35	49	6	18000	26.0	1"3/8	2"1/8	335
3x5Y A3	44.8	34.0	35.8	192	54	3x500	15990	27	48	9	18000	26.0	1"5/8	2"1/8	349
3x5D A2	46.9	36.3	38.2	144	40	3x500	23230	40	54	6	12000	17.3	1"3/8	1"5/8	292
2x6Y B3	47.6	36.7	38.7	204	58	2x630	17480	29	54	12	25200	36.4	1"5/8	2"1/8	384
3x5E A2	48.0	37.1	39.0	144	40	3x500	24280	40	58	6	12000	17.3	1"3/8	1"5/8	283
4x5D A1	50.0	37.8	39.4	128	36	4x500	32940	48	55	6	18000	26.0	1"3/8	2"1/8	335
4x5E A1	50.7	38.3	39.9	128	36	4x500	33850	48	59	6	18000	26.0	1"3/8	2"1/8	324
2x6E B2	50.8	38.4	40.5	153	43	2x630	24930	44	58	9	18900	27.3	1"3/8	1"5/8	333
2x6D B2	51.7	39.1	41.2	153	43	2x630	25860	44	63	9	18900	27.3	1"3/8	1"5/8	333
3x6Y B1	51.7	39.6	41.0	153	43	3x630	30060	39	56	6	17400	25.1	1"5/8	2"1/8	413
4x5Y A2	51.9	40.8	42.9	192	54	4x500	22790	33	49	6	18000	26.0	1"5/8	2"1/8	372
2x8Y C1	55.7	41.5	43.7	170	48	2x800	30910	38	50	6	19800	28.6	1"5/8	2"1/8	412
3x5D A3	54.4	41.8	44.0	192	54	3x500	21970	38	54	9	18000	26.0	1"5/8	2"1/8	349
3x5E A3	56.2	43.4	45.7	192	54	3x500	23290	38	58	9	18000	26.0	1"5/8	2"1/8	341
2x6E B3	56.9	44.6	47.0	204	58	2x630	23710	42	58	12	25200	36.4	1"5/8	2"1/8	384

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

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

(B) Number of fans x Ø: **5** = Ø 500 mm - **6** = Ø 630 mm - **8** = Ø 800 mm - **1** = Ø 1000 mm

(C) Motor connection: **E** = EC - **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 kg
	DT 8K - SC2 ⁽¹⁾			Surface area m ²	Circuit volume dm ³	Nb x Ø mm	Airflow m ³ /h	Air Throw ⁽³⁾ Standard m	Acoustics Lp 4m ⁽⁴⁾ dB(A)	E1U ⁽⁵⁾ 400V / 3 / 50Hz			HFC		
	CO ₂ (2) 60 bar kW	R404A kW	R449A kW							Number	Power W	Current A	Inlet Ø	Outlet Ø	
2x6D B3	58.0	45.4	47.8	204	58	2x630	24470	42	63	12	25200	36.4	1"5/8	2"1/8	384
3x6E A1	61.2	45.6	46.9	153	43	3x630	39490	52	60	6	17400	25.1	1"5/8	2"1/8	413
4x5Y A3	56.8	45.7	48.1	255	72	4x500	21320	31	49	9	27000	39.0	1"5/8	2"1/8	448
3x6D B1	62.5	46.5	47.8	153	43	3x630	41140	52	65	6	17400	25.1	1"5/8	2"1/8	413
2x8D C1	65.6	47.8	50.3	170	48	2x800	41180	48	56	6	19800	28.6	1"5/8	2"1/8	412
3x6Y B2	62.9	48.4	50.9	230	65	3x630	27990	36	56	9	26100	37.7	1"5/8	2"1/8	467
2x8E C1	67.3	48.9	51.5	170	48	2x800	43210	48	57	6	19800	28.6	1"5/8	2"1/8	407
4x5D A2	64.6	48.9	51.5	192	54	4x500	30970	45	55	6	18000	26.0	1"5/8	2"1/8	372
4x5E A2	66.2	50.1	52.7	192	54	4x500	32370	45	59	6	18000	26.0	1"5/8	2"1/8	361
4x6Y B1	66.5	51.9	54.6	204	58	4x630	40070	43	57	6	24000	34.6	1"5/8	2"1/8	529
2x8Y C2	67.0	52.3	55.0	255	72	2x800	28980	35	50	9	29700	42.9	1"5/8	2"5/8	470
3x6Y B3	71.7	54.5	57.4	306	86	3x630	26230	35	56	12	34800	50.2	1"5/8	2"1/8	538
4x5D A3	71.9	56.3	59.2	255	72	4x500	29290	42	55	9	27000	39.0	1"5/8	2"1/8	448
3x6E B2	73.7	56.6	59.6	230	65	3x630	37390	49	60	9	26100	37.7	1"5/8	2"1/8	467
3x6D B2	77.9	57.7	60.8	230	65	3x630	38790	49	65	9	26100	37.7	1"5/8	2"1/8	467
4x5E A3	74.1	58.3	61.3	255	72	4x500	31050	42	59	9	27000	39.0	1"5/8	2"1/8	437
4x6E B1	77.9	59.2	62.3	204	58	4x630	52660	58	61	6	24000	34.6	1"5/8	2"1/8	529
4x6D B1	79.3	60.3	63.5	204	58	4x630	54850	58	66	6	24000	34.6	1"5/8	2"1/8	529
2x8D C2	79.3	62.0	65.3	255	72	2x800	39130	45	56	9	29700	42.9	1"5/8	2"5/8	470
3x8Y C1	83.1	62.3	65.6	255	72	3x800	46360	43	52	6	24000	34.6	1"5/8	2"5/8	579
2x8E C2	81.2	63.6	67.0	255	72	2x800	40950	45	57	9	29700	42.9	1"5/8	2"5/8	464
4x6Y B2	84.1	65.5	69.0	306	86	4x630	37310	41	57	9	36000	52.0	1"5/8	2"5/8	601
3x6E B3	85.8	65.9	69.4	306	86	3x630	35560	47	60	12	34800	50.2	1"5/8	2"1/8	538
2x1Y D1	-	66.1	69.1	255	72	2x1000	50510	46	52	6	24600	35.5	1"5/8	2"5/8	611
3x6D B3	87.4	67.3	70.8	306	86	3x630	36710	47	65	12	34800	50.2	1"5/8	2"1/8	538
3x8D C1	96.9	71.8	75.6	255	72	3x800	61780	55	58	6	24000	34.6	1"5/8	2"5/8	579
3x8E C1	99.3	73.5	77.4	255	72	3x800	64820	55	58	6	24000	34.6	1"5/8	2"5/8	570
4x6Y B3	95.8	73.9	77.8	408	115	4x630	34970	39	57	12	48000	69.3	2x1"5/8	2x2"1/8	693
2x1D D1	-	74.7	77.7	255	72	2x1000	64040	54	58	6	24600	35.5	1"5/8	2"5/8	611
4x6E B2	98.6	77.2	81.3	306	86	4x630	49860	55	61	9	36000	52.0	1"5/8	2"5/8	601
3x8Y C2	100.8	78.3	82.5	383	108	3x800	43470	41	52	9	36000	52.0	2x1"5/8	2x2"1/8	666
4x6D B2	104.1	78.6	82.8	306	86	4x630	51720	55	66	9	36000	52.0	1"5/8	2"5/8	601
2x1Y D2	-	83.5	87.9	383	108	2x1000	47430	43	52	9	36900	53.3	2x1"5/8	2x2"1/8	694
4x8Y C1	109.6	84.5	86.8	340	96	4x800	61810	47	53	6	37800	54.6	2x1"5/8	2x2"5/8	747
4x6E B3	114.7	89.5	94.3	408	115	4x630	47420	52	61	12	48000	69.3	2x1"5/8	2x2"1/8	693
4x6D B3	116.8	91.5	96.3	408	115	4x630	48940	52	66	12	48000	69.3	2x1"5/8	2x2"1/8	693
3x8D C2	125.4	93.1	98.1	383	108	3x800	58700	52	58	9	36000	52.0	2x1"5/8	2x2"1/8	666
3x8E C2	128.7	95.5	100.6	383	108	3x800	61420	52	58	9	36000	52.0	2x1"5/8	2x2"1/8	657
2x1D D2	-	96.2	101.3	383	108	2x1000	60340	51	58	9	36900	53.3	2x1"5/8	2x2"1/8	694
4x8D C1	127.5	98.6	100.4	340	96	4x800	82370	61	59	6	37800	54.6	2x1"5/8	2x2"5/8	747
3x1Y D1	-	99.5	101.4	383	108	3x1000	75770	51	53	6	37200	53.7	2x1"5/8	2x2"5/8	861
4x8Y C2	137.7	99.6	104.8	511	144	4x800	57960	44	53	9	56700	81.8	2x1"5/8	2x2"1/8	860
4x8E C1	130.6	101.1	102.7	340	96	4x800	86430	61	60	6	37800	54.6	2x1"5/8	2x2"5/8	736
3x1D D1	-	112.9	114.1	383	108	3x1000	96060	61	59	6	37200	53.7	2x1"5/8	2x2"5/8	861
4x8D C2	164.1	116.6	122.7	511	144	4x800	78260	57	59	9	56700	81.8	2x1"5/8	2x2"1/8	860
4x8E C2	168.2	119.0	125.3	511	144	4x800	81890	57	60	9	56700	81.8	2x1"5/8	2x2"1/8	849
3x1Y D2	-	120.1	126.4	574	162	3x1000	71150	49	53	9	55800	80.5	2x1"5/8	2x2"5/8	986
3x1D D2	-	136.1	143.3	574	162	3x1000	90510	58	59	9	55800	80.5	2x1"5/8	2x2"5/8	986

*Ø500 mm : 400 V/3/50 Hz - Δ = 1330 rpm. - 800 W max - 1.4 A max | Y = 960 rpm. - 540 W max - 0.9 A max (5) | *Ø630 mm : 400 V/3/50 Hz - Δ = 1210 rpm. - 1450 W max - 2.4 A max | Y = 860 rpm. - 820 W max - 1.4 A max (5)

*Ø800 mm : 400 V/3/50 Hz - Δ = 870 rpm. - 1850 W max - 3.8 A max | Y = 640 rpm. - 1050 W max - 2.0 A max (5) | *Ø1000 mm : 400 V/3/50 Hz - Δ = 830 rpm. - 2900 W max - 5.6 A max | Y = 630 rpm. - 1750 W max - 3.0 A max (5)

(1) Standard conditions: **SC2** / 0 °C (air inlet temp.) / -8 °C (evaporating temp.) / DTI = 8K | **SC3** / -18 °C (air inlet temp.) / -25 °C (evaporating temp.) / DTI = 7K | **SC4** / -25 °C (air inlet temp.) / -31 °C (evaporating temp.) / DTI = 6K | **SC5** / -34 °C (air inlet temp.) / -40 °C (evaporating temp.) / DTI = 6K

(2) Operating pressure: 60 bar - Connection diameters to be defined when ordering.

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

(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.

NKH^(A) 1x6^(B) E^(C) B2^(D) C^(E)

- (A) Fin type: **T** = Large heat exchange surface - **H** = High-efficiency fin
- (B) Number of fans x Ø : **5** = Ø 500 mm - **6** = Ø 630 mm - **8** = Ø 800 mm - **1** = Ø 1000 mm
- (C) Motor connection: **E** = EC - **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 ... C | H = High-efficiency fin

 6.35 mm

NKH ... C	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⁾	ELU ⁽⁵⁾			HFC		
	CO2 ⁽²⁾ 60 bar	R404A	R449A	CO2 ⁽²⁾ 60 bar	R404A	R449A							Number	Power	Current	Inlet	Outlet	
							kW	kW	kW	kW	kW	kW						
3x5D A3	44.0	31.7	33.1	37.1	25.0	25.7	192	54	3x500	21970	38	54	12	24000	34.6	1"5/8	2"1/8	358
2x8Y C1	46.2	32.4	32.4	37.9	25.5	25.7	170	48	2x800	30910	38	50	6	19800	28.6	1"5/8	2"1/8	412
3x5E A3	45.4	32.7	34.2	38.1	25.7	26.4	192	54	3x500	23290	38	58	12	24000	34.6	1"5/8	2"1/8	350
3x6E B1	48.4	34.3	34.5	40.0	26.8	27.0	153	43	3x630	39490	52	60	6	17400	25.1	1"5/8	2"1/8	413
3x6D B1	49.3	34.9	35.1	40.7	27.2	27.4	153	43	3x630	41140	52	65	6	17400	25.1	1"5/8	2"1/8	413
2x6E B3	50.4	34.9	36.5	41.2	27.6	28.4	204	58	2x630	23710	42	58	15	31500	45.5	1"5/8	2"1/8	391
2x6D B3	51.3	35.5	37.1	41.9	28.1	28.9	204	58	2x630	24470	42	63	15	31500	45.5	1"5/8	2"1/8	391
4x5Y A3	49.0	35.6	37.2	39.5	28.4	29.2	255	72	4x500	21320	31	49	12	36000	52.0	1"5/8	2"5/8	459
2x8D C1	53.7	37.3	37.0	43.8	29.2	29.0	170	48	2x800	41180	48	56	6	19800	28.6	1"5/8	2"1/8	412
2x8E C1	55.0	38.1	37.8	44.8	29.9	29.6	170	48	2x800	43210	48	57	6	19800	28.6	1"5/8	2"1/8	407
3x6Y B2	53.7	38.4	40.1	43.7	30.4	31.3	230	65	3x630	27990	36	56	12	34800	50.2	1"5/8	2"5/8	479
4x6Y B1	57.9	38.5	40.1	47.4	29.9	30.7	204	58	4x630	40070	43	57	6	29400	42.4	1"5/8	2"1/8	529
2x8Y C2	56.3	41.0	42.5	48.1	32.6	33.5	255	72	2x800	28980	35	50	12	39600	57.2	2x1"5/8	2x2"1/8	480
4x6E B1	66.6	43.0	44.9	54.3	33.1	34.0	204	58	4x630	52660	58	61	6	29400	42.4	1"5/8	2"1/8	529
4x5D A3	58.8	43.2	45.1	49.6	34.2	35.1	255	72	4x500	29290	42	55	12	36000	52.0	1"5/8	2"5/8	459
3x6Y B3	61.4	43.6	45.5	50.1	34.8	35.8	306	86	3x630	26230	35	56	15	43500	62.8	2x1"5/8	2x2"1/8	550
4x6D B1	67.9	43.7	45.6	55.3	33.6	34.6	204	58	4x630	54850	58	66	6	29400	42.4	1"5/8	2"1/8	529
4x5E A3	60.8	44.6	46.6	51.0	35.2	36.2	255	72	4x500	31050	42	59	12	36000	52.0	1"5/8	2"5/8	448
3x6E B2	63.1	45.0	46.4	52.8	35.4	36.4	230	65	3x630	37390	49	60	12	34800	50.2	1"5/8	2"5/8	479
3x6D B2	64.3	45.8	47.2	53.7	36.0	37.0	230	65	3x630	38790	49	65	12	34800	50.2	1"5/8	2"5/8	479
3x8Y C1	69.4	46.4	48.4	56.9	36.1	37.1	255	72	3x800	46360	43	52	6	29400	42.4	1"5/8	2"5/8	579
2x8D C2	69.8	48.6	49.7	57.0	38.4	39.4	255	72	2x800	39130	45	56	12	39600	57.2	2x1"5/8	2x2"1/8	480
2x8E C2	71.5	49.9	50.8	58.4	39.3	40.2	255	72	2x800	40950	45	57	12	39600	57.2	2x1"5/8	2x2"1/8	475
2x1Y D1	-	49.9	51.3	-	39.1	40.2	255	72	2x1000	50510	46	52	9	36900	53.3	1"5/8	2"5/8	622
3x8D C1	80.7	52.5	54.9	65.8	40.5	41.6	255	72	3x800	61780	55	58	6	29400	42.4	1"5/8	2"5/8	579
3x6E B3	73.6	52.7	55.0	59.5	41.7	42.8	306	86	3x630	35560	47	60	15	43500	62.8	2x1"5/8	2x2"1/8	550
3x8E C1	82.6	53.5	55.9	67.4	41.2	42.3	255	72	3x800	64820	55	58	6	29400	42.4	1"5/8	2"5/8	570
3x6D B3	75.0	53.6	56.0	60.6	42.4	43.5	306	86	3x630	36710	47	65	15	43500	62.8	2x1"5/8	2x2"1/8	550
2x1D D1	-	55.6	56.9	-	43.3	44.4	255	72	2x1000	64040	54	58	9	36900	53.3	1"5/8	2"5/8	622
4x6Y B3	79.4	56.7	59.2	64.0	44.9	46.2	408	115	4x630	34970	39	57	15	60000	86.6	2x1"5/8	2x2"1/8	707
3x8Y C2	84.3	59.4	62.0	72.0	46.7	48.0	383	108	3x800	43470	41	52	12	48000	69.3	2x1"5/8	2x2"1/8	679
2x1Y D2	-	64.1	66.9	-	50.7	52.1	383	108	2x1000	47430	43	52	12	49200	71.0	2x1"5/8	2x2"1/8	705
4x8Y C1	92.5	65.0	65.2	76.0	51.3	51.7	340	96	4x800	61810	47	53	6	37800	54.6	2x1"5/8	2x2"1/8	747
4x6E B3	94.5	67.6	70.6	79.6	52.9	54.4	408	115	4x630	47420	52	61	15	60000	86.6	2x1"5/8	2x2"1/8	707
4x6D B3	96.1	68.8	71.9	80.8	53.8	55.3	408	115	4x630	48940	52	66	15	60000	86.6	2x1"5/8	2x2"1/8	707
3x8D C2	104.4	69.1	72.2	85.2	53.7	55.2	383	108	3x800	58700	52	58	12	48000	69.3	2x1"5/8	2x2"1/8	679
3x8E C2	107.0	70.6	73.7	87.3	54.7	56.2	383	108	3x800	61420	52	58	12	48000	69.3	2x1"5/8	2x2"1/8	671
2x1D D2	-	72.9	76.2	-	57.2	58.8	383	108	2x1000	60340	51	58	12	49200	71.0	2x1"5/8	2x2"1/8	705
4x8D C1	107.7	74.9	74.4	87.9	58.8	58.5	340	96	4x800	82370	61	59	6	37800	54.6	2x1"5/8	2x2"1/8	747
3x1Y D1	-	76.4	75.9	-	60.3	60.1	383	108	3x1000	75770	51	53	9	55800	80.5	2x1"5/8	2x2"1/8	878
4x8E C1	110.3	76.7	76.0	89.9	60.1	59.7	340	96	4x800	86430	61	60	6	37800	54.6	2x1"5/8	2x2"1/8	736
3x1D D1	-	85.9	84.4	-	67.4	66.4	383	108	3x1000	96060	61	59	9	55800	80.5	2x1"5/8	2x2"1/8	878
3x1Y D2	-	87.7	91.5	-	67.9	69.8	574	162	3x1000	71150	49	53	12	74400	107.4	2x1"5/8	2x2"5/8	1003
3x1D D2	-	97.8	102.1	-	74.8	76.9	574	162	3x1000	90510	58	59	12	74400	107.4	2x1"5/8	2x2"5/8	1003

*Ø 500 mm : 400 V/3/50 Hz - Δ = 1330 rpm. - 800 W max - 1.4 A max | Y = 960 rpm. - 540 W max - 0.9 A max (5) | *Ø 630 mm : 400 V/3/50 Hz - Δ = 1210 rpm. - 1450 W max - 2.4 A max | Y = 860 rpm. - 820 W max - 1.4 A max (5)
 *Ø 800 mm : 400 V/3/50 Hz - Δ = 870 rpm. - 1850 W max - 3.8 A max | Y = 640 rpm. - 1050 W max - 2.0 A max (5) | *Ø 1000 mm : 400 V/3/50 Hz - Δ = 830 rpm. - 2900 W max - 5.6 A max | Y = 630 rpm. - 1750 W max - 3.0 A max (5)
 (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 |
SC5 / -34 °C (air inlet temp.) / -40 °C (evaporating temp.) / DT1 = 6K
 (2) Operating pressure: 60 bar - Connection diameters to be defined when ordering.
 (3) Residual air speed: 0.25 m/s. - Air throw with VPA option = Standard +15 m
 (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) E (C) B2 (D) L (E)

- (A) Fin type: **T** = Large heat exchange surface - **H** = High-efficiency fin
- (B) Number of fans x Ø : **5** = Ø 500 mm - **6** = Ø 630 mm - **8** = Ø 800 mm - **1** = Ø 1000 mm
- (C) Motor connection: **E** = EC - **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 heat exchange surface

 **6.35 mm**

NKT ... L	Power			Coil		Ventilation				Electric Defrost			Connections		Net Weight kg
	DT 8K - SC2 ⁽¹⁾			Surface area m ²	Circuit volume dm ³	Nb x Ø mm	Airflow m ³ /h	Air Throw ⁽³⁾ Standard m	Acoustics Lp 4m ⁽⁴⁾ dB(A)	ELU ⁽⁵⁾ 400V / 3 / 50Hz			HFC		
	CO ₂ (2) 60 bar kW	R404A kW	R449A kW							Number	Power W	Current A	Inlet Ø	Outlet Ø	
				kW	W	A	Ø	Ø							
1x5Y A2	11.4	8.2	8.3	56	16	1x500	5840	25	43	6	6000	8,7	5/8"	7/8"	130
1x5Y A3	12.5	9.5	9.8	75	22	1x500	5490	24	43	9	9000	13,0	5/8"	1"1/8	155
1x5D A2	13.6	9.5	9.5	56	16	1x500	7900	34	49	6	6000	8,7	5/8"	7/8"	130
1x5E A2	13.8	9.7	9.7	56	16	1x500	8210	34	53	6	6000	8,7	5/8"	7/8"	127
1x5Y A4	14.3	10.4	10.9	93	27	1x500	5190	23	43	9	9000	13,0	5/8"	1"1/8	166
1x5D A3	15.0	11.3	11.5	75	22	1x500	7510	32	49	9	9000	13,0	5/8"	1"1/8	155
1x5E A3	15.3	11.6	11.8	75	22	1x500	7910	32	53	9	9000	13,0	5/8"	1"1/8	152
1x5D A4	17.6	12.6	13.1	93	27	1x500	7160	31	49	9	9000	13,0	5/8"	1"1/8	166
1x5E A4	18.9	13.1	13.6	93	27	1x500	7640	31	53	9	9000	13,0	5/8"	1"1/8	163
1x6Y B2	19.9	13.9	13.8	96	28	1x630	9760	31	51	9	9900	14,3	5/8"	1"1/8	204
1x6E B2	23.1	16.1	15.7	96	28	1x630	12910	44	55	9	9900	14,3	5/8"	1"1/8	204
1x6Y B3	21.8	16.1	16.3	128	37	1x630	9240	30	51	12	13200	19,1	7/8"	1"3/8	239
1x6D B2	23.6	16.4	16.0	96	28	1x630	13430	44	60	9	9900	14,3	5/8"	1"1/8	204
2x5Y A2	23.2	16.6	16.9	112	33	2x500	11680	27	46	6	12000	17,3	5/8"	1"3/8	217
1x6Y B4	23.0	17.5	18.5	160	47	1x630	8770	29	51	12	13200	19,1	7/8"	1"3/8	258
1x6E B3	26.4	19.1	19.0	128	37	1x630	12380	42	55	12	13200	19,1	7/8"	1"3/8	239
2x5Y A3	25.6	19.3	19.9	149	43	2x500	10980	26	46	9	13050	18,8	7/8"	1"3/8	261
2x5D A2	27.0	19.4	19.5	112	33	2x500	15810	37	52	6	12000	17,3	5/8"	1"3/8	217
1x6D B3	26.8	19.5	19.4	128	37	1x630	12830	42	60	12	13200	19,1	7/8"	1"3/8	239
2x5E A2	27.5	19.7	19.8	112	33	2x500	16410	37	56	6	12000	17,3	5/8"	1"3/8	212
2x5Y A4	28.7	20.9	22.1	187	54	2x500	10370	25	46	9	18000	26,0	1"1/8	1"5/8	282
1x6E B4	28.0	21.0	22.1	160	47	1x630	11900	41	55	12	13200	19,1	7/8"	1"3/8	258
1x6D B4	28.4	21.3	22.5	160	47	1x630	12280	41	60	12	13200	19,1	7/8"	1"3/8	258
1x8Y C2	30.9	21.9	21.9	154	45	1x800	14910	37	47	9	14400	20,8	1"1/8	1"5/8	285
2x5D A3	30.8	23.0	23.5	149	43	2x500	15020	36	52	9	13050	18,8	7/8"	1"3/8	261
2x5E A3	31.5	23.6	24.1	149	43	2x500	15830	36	56	9	13050	18,8	7/8"	1"3/8	255
3x5Y A2	34.9	25.1	25.1	168	49	3x500	17520	31	48	6	18600	26,8	1"1/8	1"5/8	302
1x8Y C3	34.6	25.3	26.0	205	60	1x800	14150	35	47	12	19200	27,7	1"1/8	1"5/8	319
1x8D C2	36.2	25.5	25.3	154	45	1x800	20040	47	53	9	14400	20,8	1"1/8	1"5/8	285
2x5D A4	34.7	25.6	26.7	187	54	2x500	14320	34	52	9	18000	26,0	1"1/8	1"5/8	282
1x8E C2	37.1	26.1	25.9	154	45	1x800	21000	47	54	9	14400	20,8	1"1/8	1"5/8	282
2x5E A4	35.9	26.6	27.6	187	54	2x500	15280	34	56	9	18000	26,0	1"1/8	1"5/8	277
2x6Y B2	39.2	28.2	28.7	192	56	2x630	19520	33	54	9	18900	27,3	1"1/8	1"5/8	352
3x5Y A3	40.4	28.9	30.4	224	65	3x500	16460	30	48	9	18000	26,0	1"1/8	1"5/8	363
3x5D A2	40.8	29.3	29.0	168	49	3x500	23710	43	54	6	18600	26,8	1"1/8	1"5/8	302
3x5E A2	41.5	29.8	29.5	168	49	3x500	24620	43	58	6	18600	26,8	1"1/8	1"5/8	294
1x8D C3	42.9	30.3	30.6	205	60	1x800	19210	45	53	12	19200	27,7	1"1/8	1"5/8	319
1x8E C3	44.0	31.0	31.3	205	60	1x800	20100	45	54	12	19200	27,7	1"1/8	1"5/8	316
3x5Y A4	44.3	31.5	33.2	280	81	3x500	15560	28	48	9	27900	40,3	1"1/8	2"1/8	394
2x6E B2	46.7	32.4	32.9	192	56	2x630	25820	46	58	9	18900	27,3	1"1/8	1"5/8	352
2x6Y B3	44.7	32.6	33.2	256	74	2x630	18480	32	54	12	30000	43,3	1"3/8	1"5/8	409
2x6D B2	47.6	33.0	33.5	192	56	2x630	26860	46	63	9	18900	27,3	1"1/8	1"5/8	352
4x5Y A2	44.0	33.5	33.3	224	65	4x500	23360	35	49	6	18000	26,0	1"1/8	2"1/8	385
3x5D A3	48.3	34.4	35.8	224	65	3x500	22520	42	54	9	18000	26,0	1"1/8	1"5/8	363
3x5E A3	49.6	35.4	36.8	224	65	3x500	23740	42	58	9	18000	26,0	1"1/8	1"5/8	355
2x6Y B4	48.7	35.5	37.3	320	93	2x630	17550	31	54	12	30000	43,3	1"1/8	2"1/8	445
3x5D A4	53.9	38.5	40.5	280	81	3x500	21470	40	54	9	27900	40,3	1"1/8	2"1/8	394
4x5Y A3	51.7	38.5	40.5	299	87	4x500	21950	34	49	9	27000	39,0	1"1/8	2"1/8	465
2x6E B3	54.8	38.7	38.7	256	74	2x630	24750	45	58	12	30000	43,3	1"3/8	1"5/8	409
4x5D A2	51.6	39.2	38.5	224	65	4x500	31620	48	55	6	18000	26,0	1"1/8	2"1/8	385
2x6D B3	55.9	39.5	39.4	256	74	2x630	25670	45	63	12	30000	43,3	1"3/8	1"5/8	409
4x5E A2	52.4	39.9	39.2	224	65	4x500	32830	48	59	6	18000	26,0	1"1/8	2"1/8	374
3x5E A4	55.9	40.0	42.0	280	81	3x500	22920	40	58	9	27900	40,3	1"1/8	2"1/8	386
4x5Y A4	57.6	42.0	44.2	373	108	4x500	20740	32	49	9	36900	53,3	1"3/8	2"1/8	506
3x6Y B2	59.0	42.5	43.3	288	84	3x630	29280	39	56	9	26100	37,7	1"3/8	2"1/8	494
2x6E B4	58.1	42.5	44.8	320	93	2x630	23800	43	58	12	30000	43,3	1"1/8	2"1/8	445



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

- (A) Fin type: **T** = Large heat exchange surface - **H** = High-efficiency fin
- (B) Number of fans x Ø : **5** = Ø 500 mm - **6** = Ø 630 mm - **8** = Ø 800 mm - **1** = Ø 1000 mm
- (C) Motor connection: **E** = EC - **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 heat 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	ELU ⁽⁵⁾		HFC		
	CO ₂ (2)	R404A	R449A								400V / 3 / 50Hz		Inlet	Outlet	
				60 bar	kW	kW	kW	Number	Power	Current	Ø	Ø			
	kW	kW	kW	m ²	dm ³	mm	m ³ /h	m	dB(A)		W	A	Ø	Ø	kg
2x6D B4	59.1	43.4	45.7	320	93	2x630	24570	43	63	12	30000	43,3	1"1/8	2"1/8	445
2x8Y C2	62.2	44.2	44.3	307	89	2x800	29830	38	50	9	29700	42,9	1"3/8	2"1/8	493
4x5D A3	62.4	45.8	48.1	299	87	4x500	30030	46	55	9	27000	39,0	1"1/8	2"1/8	465
4x5E A3	63.8	47.1	49.4	299	87	4x500	31650	46	59	9	27000	39,0	1"1/8	2"1/8	454
3x6E B2	70.2	48.9	49.6	288	84	3x630	38730	52	60	9	26100	37,7	1"3/8	2"1/8	494
3x6Y B3	67.8	49.2	51.4	384	112	3x630	27710	38	56	12	44400	64,1	1"5/8	2"1/8	575
3x6D B2	71.7	49.8	50.5	288	84	3x630	40290	52	65	9	26100	37,7	1"3/8	2"1/8	494
2x8Y C3	69.7	50.8	53.5	410	119	2x800	28310	36	50	12	39600	57,2	1"5/8	2"5/8	559
4x5D A4	67.9	51.0	53.7	373	108	4x500	28630	44	55	9	36900	53,3	1"3/8	2"1/8	506
2x8D C2	73.0	51.6	51.3	307	89	2x800	40090	48	56	9	29700	42,9	1"3/8	2"1/8	493
2x8E C2	74.8	52.8	52.4	307	89	2x800	41990	48	57	9	29700	42,9	1"3/8	2"1/8	488
4x5E A4	70.0	52.9	55.7	373	108	4x500	30560	44	59	9	36900	53,3	1"3/8	2"1/8	495
3x6Y B4	71.8	53.7	56.5	480	139	3x630	26320	36	56	12	44400	64,1	1"5/8	2"5/8	628
4x6Y B2	76.5	56.7	57.9	384	112	4x630	39040	43	57	9	36000	52,0	1"5/8	2"5/8	636
3x6E B3	83.2	58.1	60.0	384	112	3x630	37130	51	60	12	44400	64,1	1"5/8	2"1/8	575
3x6D B3	85.0	59.3	61.1	384	112	3x630	38500	51	65	12	44400	64,1	1"5/8	2"1/8	575
2x8D C3	86.4	60.5	63.7	410	119	2x800	38420	46	56	12	39600	57,2	1"5/8	2"5/8	559
2x8E C3	88.7	61.8	65.1	410	119	2x800	40190	46	57	12	39600	57,2	1"5/8	2"5/8	554
3x6E B4	89.3	65.0	68.2	480	139	3x630	35700	49	60	12	44400	64,1	1"5/8	2"5/8	628
4x6E B2	90.2	65.3	66.3	384	112	4x630	51640	57.5	61	9	36000	52,0	1"5/8	2"5/8	636
4x6Y B3	89.8	65.7	68.9	512	149	4x630	36950	42	57	12	58800	84,9	1"5/8	2"5/8	741
3x6D B4	90.7	66.2	69.4	480	139	3x630	36850	49	65	12	44400	64,1	1"5/8	2"5/8	628
3x8Y C2	93.5	66.4	67.9	461	134	3x800	44740	43	52	9	44100	63,7	1"5/8	2"5/8	699
4x6D B2	91.8	66.6	67.5	384	112	4x630	53720	57.5	66	9	36000	52,0	1"5/8	2"5/8	636
2x1Y D2	-	71.3	70.8	480	139	2x1000	49390	46	52	12	49200	71,0	1"5/8	2"5/8	749
4x6Y B4	98.0	71.7	75.5	640	186	4x630	35100	40	57	12	58800	84,9	1"5/8	2"5/8	810
3x8Y C3	104.8	76.8	80.4	614	178	3x800	42460	41	52	12	58800	84,9	1"5/8	3"1/8	796
3x8D C2	109.8	77.3	78.5	461	134	3x800	60130	55	58	9	44100	63,7	1"5/8	2"5/8	699
4x6E B3	110.2	77.6	80.5	512	149	4x630	49500	55.5	61	12	58800	84,9	1"5/8	2"5/8	741
3x8E C2	112.4	79.0	80.2	461	134	3x800	62990	55	58	9	44100	63,7	1"5/8	2"5/8	691
4x6D B3	112.4	79.1	81.9	512	149	4x630	51330	55.5	66	12	58800	84,9	1"5/8	2"5/8	741
2x1D D2	-	80.8	79.5	480	139	2x1000	62630	54	58	12	49200	71,0	1"5/8	2"5/8	749
2x1Y D3	-	82.5	86.8	640	186	2x1000	47010	44	52	15	61500	88,8	1"5/8	3"1/8	848
4x6E B4	117.1	86.7	91.3	640	186	4x630	47600	53.5	61	12	58800	84,9	1"5/8	2"5/8	810
4x6D B4	119.1	88.5	92.9	640	186	4x630	49140	53.5	66	12	58800	84,9	1"5/8	2"5/8	810
4x8Y C2	124.8	88.8	89.2	614	178	4x800	59660	47	53	9	56700	81,8	1"5/8	3"1/8	907
3x8D C3	130.0	91.8	94.8	614	178	3x800	57630	52	58	12	58800	84,9	1"5/8	3"1/8	796
3x8E C3	133.3	94.0	97.0	614	178	3x800	60290	52	58	12	58800	84,9	1"5/8	3"1/8	788
2x1D D3	-	94.6	99.6	640	186	2x1000	59920	52	58	15	61500	88,8	1"5/8	3"1/8	848
4x8Y C3	139.9	102.4	105.7	819	238	4x800	56620	45	53	12	75600	109,1	2x1"5/8	2x2"5/8	1035
4x8D C2	146.6	103.7	103.3	614	178	4x800	80180	61	59	9	56700	81,8	1"5/8	3"1/8	907
4x8E C2	150.1	106.2	105.5	614	178	4x800	83980	61	60	9	56700	81,8	1"5/8	3"1/8	896
3x1Y D2	-	107.2	106.9	720	209	3x1000	74090	51	53	12	74400	107,4	2x1"5/8	2x2"5/8	1071
3x1D D2	-	121.5	120.2	720	209	3x1000	93940	61	59	12	74400	107,4	2x1"5/8	2x2"5/8	1071
3x1Y D3	-	122.8	129.3	960	279	3x1000	70520	49	53	15	93000	134,2	2x1"5/8	2x2"5/8	1218
4x8D C3	173.5	122.9	124.6	819	238	4x800	76850	58	59	12	75600	109,1	2x1"5/8	2x2"5/8	1035
4x8E C3	178.0	125.9	127.5	819	238	4x800	80380	58	60	12	75600	109,1	2x1"5/8	2x2"5/8	1024
3x1D D3	-	139.9	147.3	960	279	3x1000	89880	58	59	15	93000	134,2	2x1"5/8	2x2"5/8	1218

*Ø 500 mm : 400 V/3/50 Hz - Δ = 1330 rpm. - 800 W max - 1.4 A max | Y = 960 rpm. - 540 W max - 0.9 A max (5) | *Ø 630 mm : 400 V/3/50 Hz - Δ = 1210 rpm. - 1450 W max - 2.4 A max | Y = 860 rpm. - 820 W max - 1.4 A max (5)
 *Ø 800 mm : 400 V/3/50 Hz - Δ = 870 rpm. - 1850 W max - 3.8 A max | Y = 640 rpm. - 1050 W max - 2.0 A max (5) | *Ø 1000 mm : 400 V/3/50 Hz - Δ = 830 rpm. - 2900 W max - 5.6 A max | Y = 630 rpm. - 1750 W max - 3.0 A max (5)
 (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 | **SC5** / -34 °C (air inlet temp.) / -40 °C (evaporating temp.) / DT1 = 6K
 (2) Operating pressure: 60 bar - Connection diameters to be defined when ordering.
 (3) Residual air speed: 0.25 m/s. - Air throw with VPA option = Standard +15 m
 (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) E (C) B2 (D) C (E)

- (A) Fin type: **T** = Large heat exchange surface - **H** = High-efficiency fin
- (B) Number of fans x Ø : **5** = Ø 500 mm - **6** = Ø 630 mm - **8** = Ø 800 mm - **1** = Ø 1000 mm
- (C) Motor connection : **E** = EC - **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.

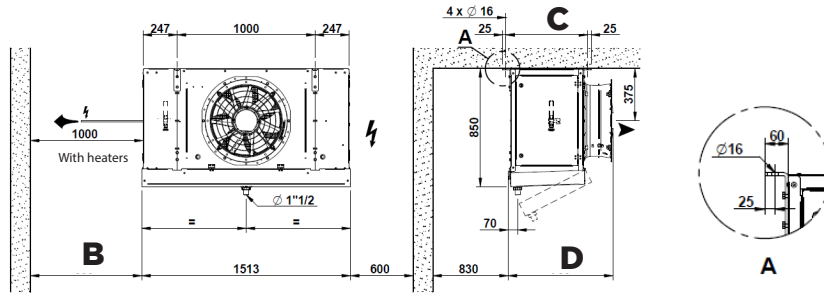
NKH ... C | T = Large exchange surface

6.35 mm

NKT ... C	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⁾	ELU ⁽⁵⁾			HFC		
	CO ₂ ⁽²⁾ 60 bar	R404A	R449A	CO ₂ ⁽²⁾ 60 bar	R404A	R449A							Number	Power	Current	Inlet	Outlet	
							kW	kW	kW	kW	kW	kW						
2x8Y C2	49.3	32.7	31.7	40.5	25.1	24.0	307	89	2x800	29830	38	50	12	39600	57.2	1"3/8	2"1/8	502
2x6D B4	49.6	32.8	32.2	39.7	25.3	24.5	320	93	2x630	24570	43	63	15	37500	54.1	1"5/8	2"1/8	452
4x5D A3	52.5	33.1	33.8	42.1	25.1	25.5	299	87	4x500	30030	46	55	12	36000	52.0	1"1/8	2"1/8	476
4x5E A3	54.0	33.8	34.5	43.2	25.7	26.1	299	87	4x500	31650	46	59	12	36000	52.0	1"1/8	2"1/8	465
3x6E B2	54.2	35.9	33.3	43.8	27.4	24.9	288	84	3x630	38730	52	60	12	44400	64.1	1"5/8	2"1/8	505
3x6D B2	55.2	36.5	33.6	44.6	27.8	25.3	288	84	3x630	40290	52	65	12	44400	64.1	1"5/8	2"1/8	505
3x6Y B3	55.0	36.6	37.0	44.1	28.3	28.5	384	112	3x630	27710	38	56	15	55500	80.1	1"5/8	2"1/8	585
2x8D C2	58.8	37.5	35.9	47.3	28.6	27.2	307	89	2x800	40090	48	56	12	39600	57.2	1"3/8	2"1/8	502
2x8Y C3	56.4	38.3	38.1	45.0	29.7	29.2	410	119	2x800	28310	36	50	15	49500	71.4	1"5/8	2"5/8	568
2x8E C2	60.2	38.3	36.6	48.4	29.2	27.4	307	89	2x800	41990	48	57	12	39600	57.2	1"3/8	2"1/8	497
4x5D A4	55.8	38.5	38.0	45.8	29.7	28.9	373	108	4x500	28630	44	55	12	49200	71.0	1"5/8	2"1/8	517
4x5E A4	59.9	39.9	39.0	47.2	30.7	29.8	373	108	4x500	30560	44	59	12	49200	71.0	1"5/8	2"1/8	506
3x6Y B4	60.6	40.6	41.9	48.7	31.5	32.4	480	139	3x630	26320	36	56	15	55500	80.1	1"5/8	2"5/8	638
4x6Y B2	63.4	41.6	41.1	52.1	31.9	31.3	384	112	4x630	39040	43	57	12	58800	84.9	1"5/8	2"5/8	650
3x6E B3	64.6	42.5	42.4	52.8	32.5	32.3	384	112	3x630	37130	51	60	15	55500	80.1	1"5/8	2"1/8	585
3x6D B3	65.8	43.2	43.1	53.7	33.0	32.7	384	112	3x630	38500	51	65	15	55500	80.1	1"5/8	2"1/8	585
2x8D C3	66.6	45.1	44.1	54.3	34.6	33.4	410	119	2x800	38420	46	56	15	49500	71.4	1"5/8	2"5/8	568
2x8E C3	70.0	46.1	45.0	55.5	35.3	34.0	410	119	2x800	40190	46	57	15	49500	71.4	1"5/8	2"5/8	563
4x6E B2	74.9	47.1	46.3	60.2	35.8	34.9	384	112	4x630	51640	57.5	61	12	58800	84.9	1"5/8	2"5/8	650
4x6D B2	76.4	47.9	47.1	61.4	36.3	35.4	384	112	4x630	53720	57.5	66	12	58800	84.9	1"5/8	2"5/8	650
3x6E B4	72.6	48.1	48.9	58.0	37.1	37.5	480	139	3x630	35700	49	60	15	55500	80.1	1"5/8	2"5/8	638
3x8Y C2	74.1	48.8	48.4	61.0	37.5	36.9	461	134	3x800	44740	43	52	12	58800	84.9	1"5/8	2"5/8	713
4x6Y B3	72.5	48.9	49.7	57.9	37.7	38.2	512	149	4x630	36950	42	57	15	73500	106.1	1"5/8	2"5/8	754
3x6D B4	73.9	49.0	49.7	59.0	37.7	38.1	480	139	3x630	36850	49	65	15	55500	80.1	1"5/8	2"5/8	638
2x1Y D2	-	52.8	50.4	-	40.5	38.1	480	139	2x1000	49390	46	52	15	61500	88.8	1"5/8	2"5/8	761
4x6Y B4	78.3	54.2	56.1	65.8	42.1	43.3	640	186	4x630	35100	40	57	15	73500	106.1	1"5/8	3"1/8	824
3x8D C2	88.5	55.8	54.9	71.2	42.4	41.4	461	134	3x800	60130	55	58	12	58800	84.9	1"5/8	2"5/8	713
4x6E B3	84.9	56.7	56.9	69.2	43.3	43.3	512	149	4x630	49500	55.5	61	15	73500	106.1	1"5/8	2"5/8	754
3x8E C2	90.6	56.9	56.0	72.8	43.2	42.1	461	134	3x800	62990	55	58	12	58800	84.9	1"5/8	2"5/8	705
3x8Y C3	84.8	57.4	58.2	67.8	44.5	44.8	614	178	3x800	42460	41	52	15	73500	106.1	1"5/8	3"1/8	810
4x6D B3	88.8	57.5	57.8	70.4	44.0	43.9	512	149	4x630	51330	55.5	66	15	73500	106.1	1"5/8	2"5/8	754
2x1D D2	-	59.1	55.6	-	45.1	42.2	480	139	2x1000	62630	54	58	15	61500	88.8	1"5/8	2"5/8	761
2x1Y D3	-	62.1	60.9	-	48.0	46.5	640	186	2x1000	47010	44	52	18	73800	106.5	2x1"5/8	2x2"1/8	861
4x6E B4	98.0	64.3	65.6	78.5	49.6	50.3	640	186	4x630	47600	53.5	61	15	73500	106.1	1"5/8	3"1/8	824
4x6D B4	99.8	65.4	66.6	79.9	50.4	51.0	640	186	4x630	49140	53.5	66	15	73500	106.1	1"5/8	3"1/8	824
4x8Y C2	97.1	65.8	63.8	79.2	50.6	48.9	614	178	4x800	59660	47	53	12	75600	109.1	1"5/8	3"1/8	925
3x8D C3	100.3	67.2	67.3	81.8	51.5	51.2	614	178	3x800	57630	52	58	15	73500	106.1	1"5/8	3"1/8	810
3x8E C3	102.7	68.6	68.5	83.6	52.5	52.2	614	178	3x800	60290	52	58	15	73500	106.1	1"5/8	3"1/8	802
2x1D D3	-	70.7	68.3	-	54.4	52.1	640	186	2x1000	59920	52	58	18	73800	106.5	2x1"5/8	2x2"1/8	861
4x8D C2	114.8	75.7	72.5	90.9	57.7	55.0	614	178	4x800	80180	61	59	12	75600	109.1	1"5/8	3"1/8	925
4x8Y C3	113.0	77.1	76.7	94.0	59.8	58.9	819	238	4x800	56620	45	53	15	94500	136.4	2x1"5/8	2x2"5/8	1053
4x8E C2	117.3	77.3	73.9	92.7	58.9	56.0	614	178	4x800	83980	61	60	12	75600	109.1	1"5/8	3"1/8	914
3x1Y D2	-	79.4	76.3	-	61.0	57.8	720	209	3x1000	74090	51	53	15	93000	134.2	2x1"5/8	2x2"5/8	1088
3x1D D2	-	88.9	84.3	-	67.9	63.9	720	209	3x1000	93940	61	59	15	93000	134.2	2x1"5/8	2x2"5/8	1088
4x8D C3	138.8	90.8	88.9	111.5	69.8	67.9	819	238	4x800	76850	58	59	15	94500	136.4	2x1"5/8	2x2"5/8	1053
4x8E C3	142.2	92.9	90.8	114.1	71.3	68.8	819	238	4x800	80380	58	60	15	94500	136.4	2x1"5/8	2x2"5/8	1042
3x1Y D3	-	93.5	91.7	-	72.4	70.1	960	279	3x1000	70520	49	53	18	111600	161.1	2x1"5/8	2x2"5/8	1234
3x1D D3	-	106.4	102.9	-	81.8	78.6	960	279	3x1000	89880	58	59	18	111600	161.1	2x1"5/8	2x2"5/8	1234

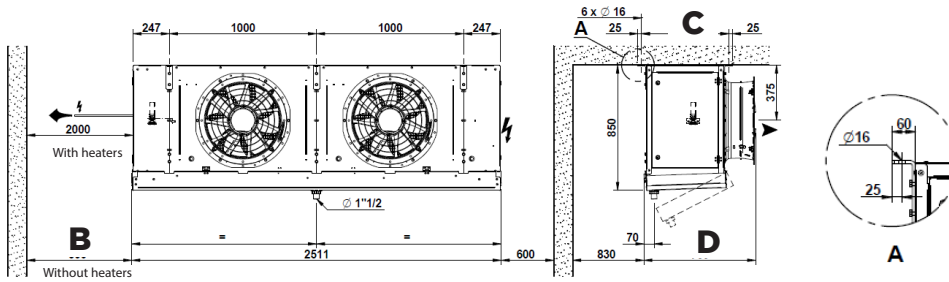
*Ø 500 mm : 400 V/3/50 Hz - Δ = 1330 rpm. - 800 W max - 1.4 A max | Y = 960 rpm. - 540 W max - 0.9 A max (5) | *Ø 630 mm : 400 V/3/50 Hz - Δ = 1210 rpm. - 1450 W max - 2.4 A max | Y = 860 rpm. - 820 W max - 1.4 A max (5)
 *Ø 800 mm : 400 V/3/50 Hz - Δ = 870 rpm. - 1850 W max - 3.8 A max | Y = 640 rpm. - 1050 W max - 2.0 A max (5) | *Ø 1000 mm : 400 V/3/50 Hz - Δ = 830 rpm. - 2900 W max - 5.6 A max | Y = 630 rpm. - 1750 W max - 3.0 A max (5)
 (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 | SC5 / -34 °C (air inlet temp.) / -40 °C (evaporating temp.) / DT1 = 6K
 (2) Operating pressure: 60 bar - Connection diameters to be defined when ordering.
 (3) Residual air speed: 0.25 m/s. - Air throw with VPA option = Standard +15 m
 (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 | 1 x Ø 500 mm



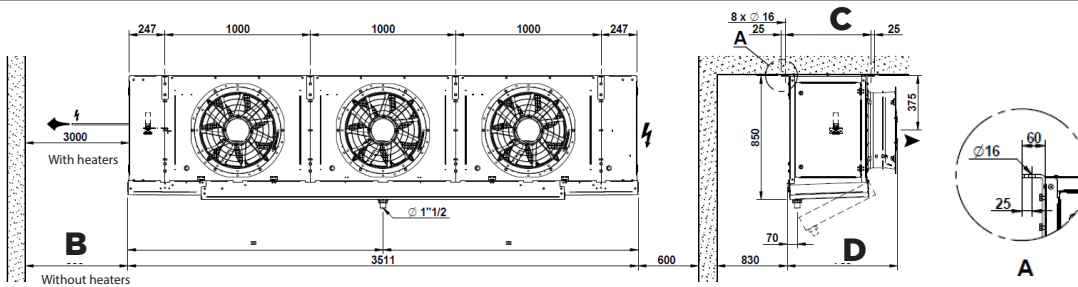
	A1/A2	A3/A4
B	600	800
C	592	766
D	760	930

NK | 2 x Ø 500 mm



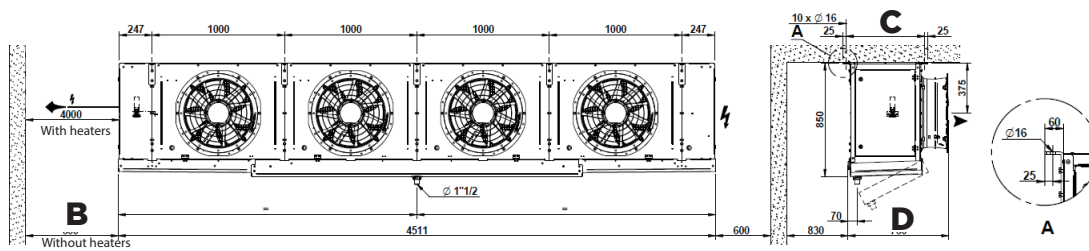
	A1/A2	A3/A4
B	600	800
C	592	766
D	760	930

NK | 3 x Ø 500 mm



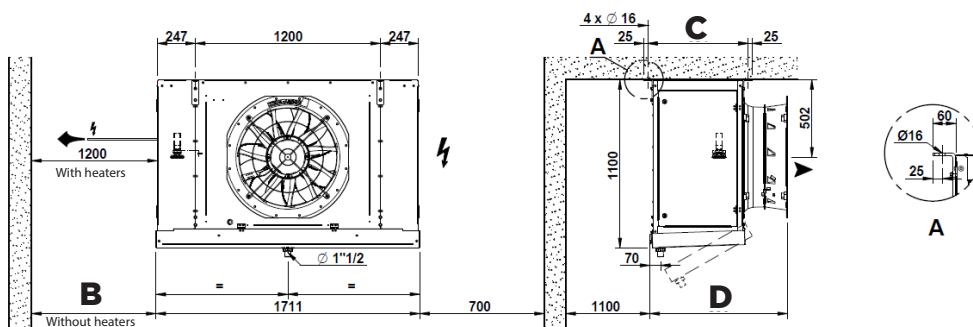
	A1/A2	A3/A4
B	600	800
C	592	766
D	760	930

NK | 4 x Ø 500 mm



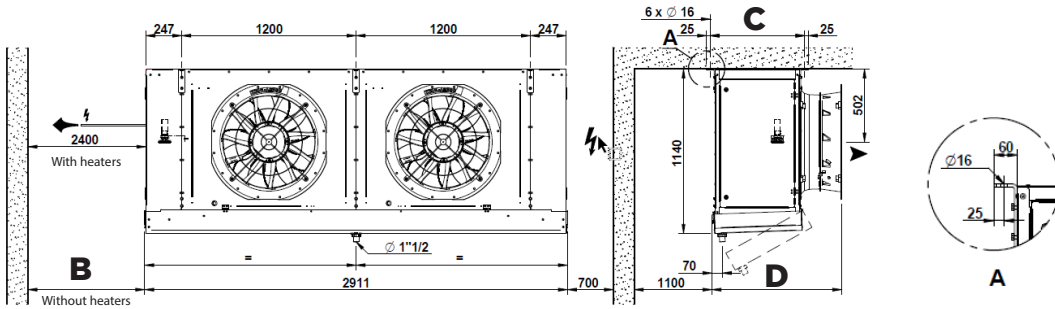
	A1/A2	A3/A4
B	600	800
C	592	766
D	760	930

NK | 1 x Ø 630 mm



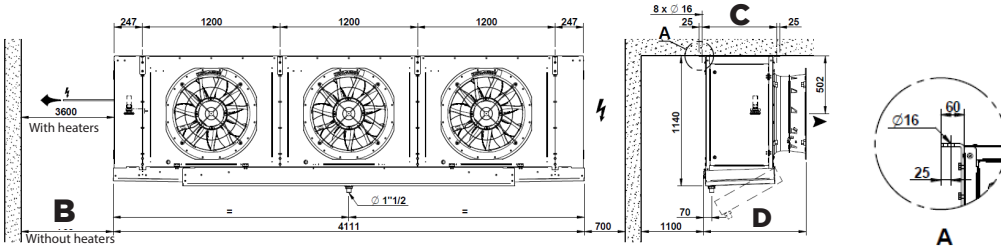
	A1/A2	A3/A4
B	700	900
C	651	825
D	890	1070

NK | 2x Ø 630 mm



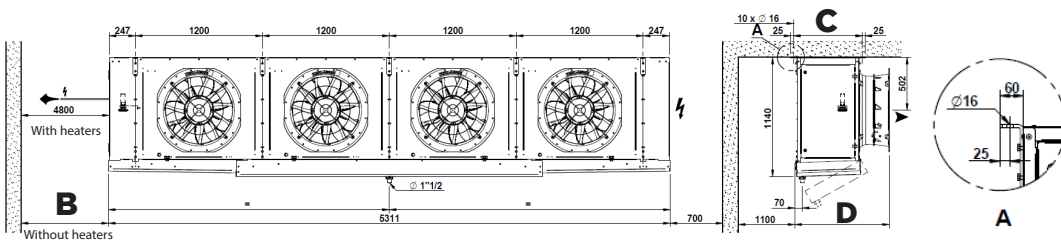
	B1/B2	B3/B4
B	700	900
C	651	825
D	890	1070

NK | 3 x Ø 630 mm



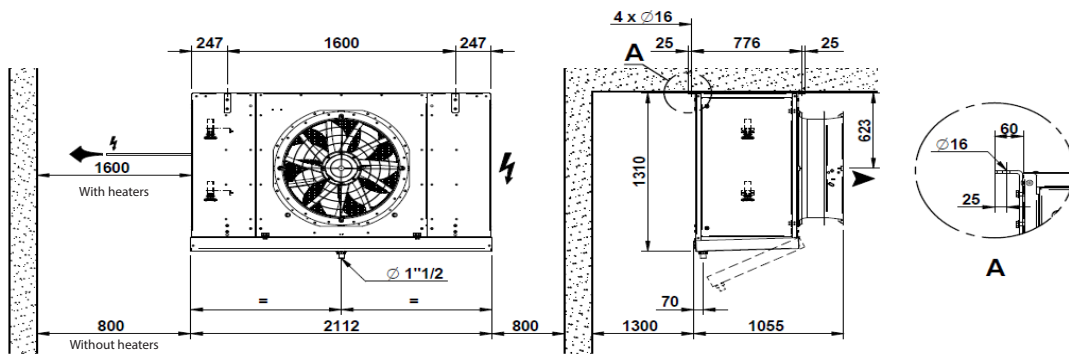
	B1/B2	B3/B4
B	700	900
C	651	825
D	890	1070

NK | 4 x Ø 630 mm

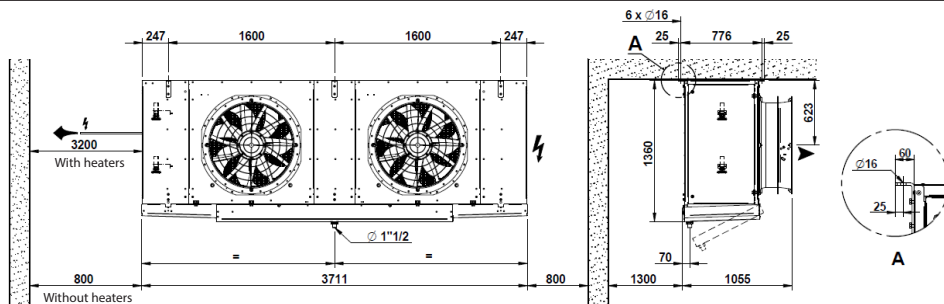


	B1/B2	B3/B4
B	700	900
C	651	825
D	890	1070

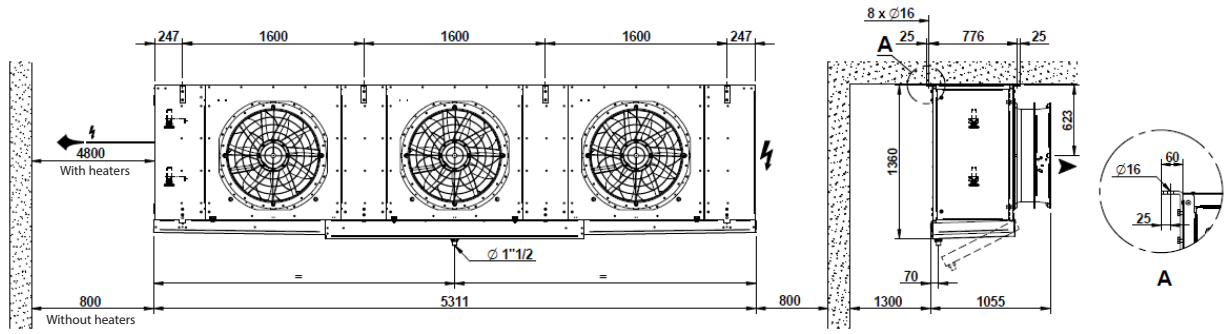
NK | 1 x Ø 800 mm



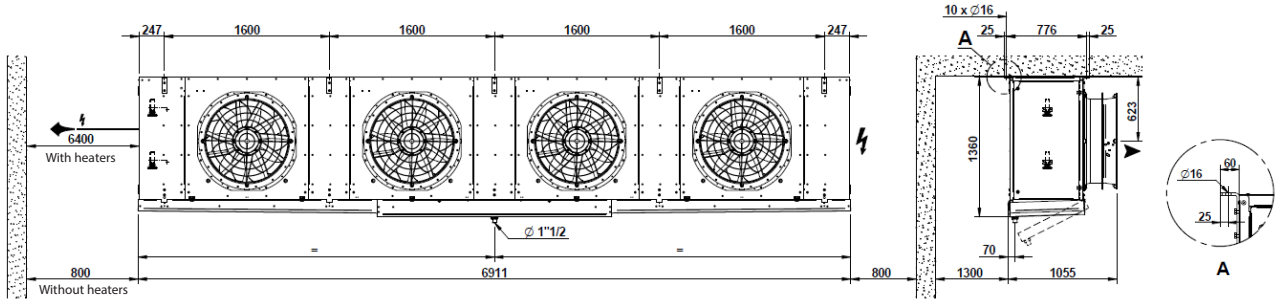
NK | 2 x Ø 800 mm



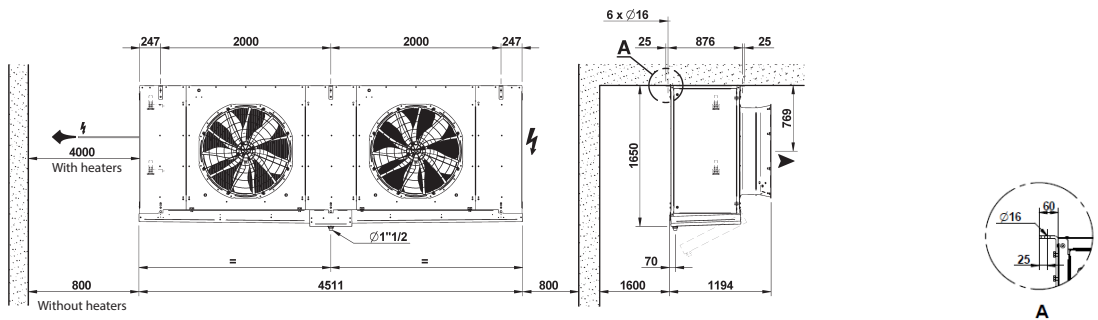
NK | 3 x Ø 800 mm



NK | 4 x Ø 800 mm



NK | 2x Ø 1000 mm



NK | 3x Ø 1000 mm

