

# CTK - C

0040 D ↔ 0450 D



Refrigerant  
R410A | GWP=2.088



Refrigerant  
R407C | GWP=1.774



PLUG FAN

Remote air cooled condensers with radial fans



## Configuration

B - Base

## Operation

ST - Standard

LN - Low noise

## Solution

FV - Vertical air flow

FO - Horizontal air flow

Capacity 14 - 145 kW

<b>Housing</b>	Frame made of peralluman to ensure total mechanical and weathering resistance.
<b>Air heat exchanger</b>	Finned coil made with copper pipes and aluminium fins offering a high exchange surface area.
<b>Fan</b>	Fan units are new-generation; plug fan type with "EC" motor with electronic commutation in order to maximize energy savings and adjust the amount of air necessary to the environment.
<b>Electrical board</b>	IP55 protection degree, complete with main isolator.

## ACCESSORIES

- Modulating fan speed condensing control
- Special configuration with fan made in accordance with the ATEX directive for potentially explosive areas
- Anti-vibration mounts for vibration damping
- Grid battery protection. It protects the battery against accidental impacts during transport and operation.
- Prepainted aluminum fins
- Copper/copper coil
- Housing in stainless steel (AISI 304 - AISI 316)
- Special treatment of the coils to high level of corrosion environments. Euroklimat offers a number of solutions including Electrofin®, Blygold®, Heresite® and many others. Contact Euroklimat for more information.

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CTK.C	0040 D	0050 D	0080 D	0100 D	0120 D	0150 D	0180 D	0220 D	0300 D	0350 D	0400 D	0450 D
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ST TYPE													
Nominal capacity(1)	kW	14,8	25,0	31,8	37,3	49,7	57,5	62,5	73,6	99,1	113,1	127,4	145,3
Indipendent gas circuit	n°	1	1	1	1	1	1	1	1	1	1	1	1
Total air flow	m3/h	4500	8000	9200	8700	15800	15200	18000	17200	27000	25500	36000	34000
External static pressure	Pa	30-300	30-300	30-300	30-300	30-300	30-300	30-300	30-300	30-300	30-300	30-300	30-300
Fans type	-	Plug Fan											
Fans quantity	n°	1	1	1	1	2	2	2	2	3	3	4	4
Fans power input	kW	1,1	1,3	1,4	1,4	2,5	2,6	2,9	3,0	4,3	4,32	5,8	5,8
Sound pressure(2)	dB(A)	80	75	78	77	78	78	81	80	82	80	84	83

LN TYPE													
Nominal capacity(1)	kW	12,0	20,5	26,0	30,1	41,9	44,9	52,0	58,5	81,7	91,3	105,2	118,0
Indipendent gas circuit	n°	1	1	1	1	1	1	1	1	1	1	1	1
Total air flow	m3/h	3500	6000	7000	6700	12400	11000	14000	13000	22300	21200	29200	27600
External static pressure	Pa	30-300	30-300	30-300	30-300	30-300	30-300	30-300	30-300	30-300	30-300	30-300	30-300
Fans type	-	Plug Fan											
Fans quantity	n°	1	1	1	1	2	2	2	2	3	3	4	4
Fans power input	kW	0,7	0,9	1,1	1,1	2,4	2,3	2,2	2,0	3,3	3,1	4,4	4,1
Sound pressure(2)	dB(A)	76	70	68	59	76	77	76	75	78	78	80	79

Power supply	V/ph/Hz + T	400/3/50											
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DIMENSIONS AND WEIGHT - ST/LN Type - FO Solution													
Lenght (L)	mm	974	1124	1374	1374	1809	1809	2489	2489	3289	3289	4389	4389
Depth (P)	mm	830	950	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050
Height (H)	mm	740	910	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110
Shipping weight	Kg	62	104	107	122	175	194	216	244	296	381	386	426

DIMENSIONS AND WEIGHT - ST/LN Type - FV Solution													
Lenght (L)	mm	974	1124	1374	1374	1809	1809	2489	2489	3289	3289	4389	4389
Depth (P)	mm	950	950	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050
Height (H)	mm	780	780	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
Shipping weight	Kg	64	104	107	122	175	194	216	244	296	381	386	426

**Note:**

- (1) External air 35°C - Condensation temperature 52°C (Dew point)
- (2) Sound pressure measured at 1 m in open field conditions