

CKC System - Technical Information

SYSTEM	ABOVE GROUND		BELOW GROUND	
	CELLAR IN m ³		CELLAR IN m ³	
	8°C	12.7°C	8°C	12.7°C
CXE 30 + CKC / DCU+ 20	22	31	36	52
CXE 40 + CKC / DCU+ 30	30	44	51	72
CXE 50 + CKC / DCU+ 50	49	71	80	114
CXE 70 + CKC / DCU+ 80	75	108	118	169
CXE 90 + CKC 90	93	133	144	206

Guide to Cooling Duty at 8°C and 12.7°C

AMBIENT	CELLAR 8°C			CELLAR 12.7°C		
	27°C					
	TD (kW)	SD (kW)	SHR	TD (kW)	SD (kW)	SHR
CXE 30 + CKC / DCU+ 20	2.45	1.60	0.67	2.80	1.88	0.65
CXE 40 + CKC / DCU+ 30	3.00	1.95	0.63	3.60	2.27	0.65
CXE 50 + CKC / DCU+ 50	4.40	2.78	0.62	5.20	3.23	0.63
CXE 70 + CKC / DCU+ 80	6.10	3.9	0.60	7.20	4.35	0.64
CXE 90 + CKC 90	7.30	4.55	0.59	8.50	5.04	0.62

Guide to CXE Low Temperature at 4°C and 27°C Ambient

AMBIENT	CELLAR 4°C		
	27°C		
	TD (kW)	SD (kW)	SHR
CXE 40 + CKC / DCU+ 20	2.10	1.60	0.76
CXE 50 + CKC / DCU+ 40	3.30	2.46	0.75
CXE 70 + CKC / DCU+ 60	5.00	3.53	0.71
CXE 90 + CKC / DCU+ 80	5.90	4.00	0.68

* For interconnecting pipe sizes please refer to the technical manual

Sound Pressure Levels

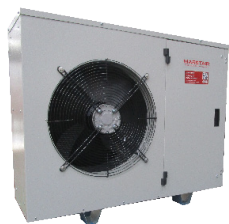
Indoor Unit

MODEL	SOUND PRESSURE LEVELS dB(A)
CXE 30	39.0
CXE 40	39.0
CXE 50	40.5
CXE 70	39.9
CXE 90	39.9

Outdoor Unit

MODEL	SOUND PRESSURE LEVELS dB(A)
CKC 20	39.2
CKC 30	39.3
CKC 50	38.9
CKC 60	39.3
CKC 80	38.7
CKC 90	42.2

Sound Pressure Levels in dB(A) at 10m distance in free field conditions. (Reference 2x10⁻⁵ N/m²)



CKC Outdoor Condensing Unit

- CKC20 - 620mm x 900mm x 310mm - 46kg
- CKC30 - 620mm x 900mm x 310mm - 48kg
- CKC40 - 620mm x 900mm x 310mm - 53kg
- CKC50 - 720mm x 1000mm x 310mm - 64kg
- CKC60 - 720mm x 1000mm x 310mm - 65kg
- CKC80 - 720mm x 1000mm x 310mm - 66kg
- CKC90 - 720mm x 1000mm x 310mm - 66kg

STANDARD FEATURES

Fan Speed Head Pressure Control, HP Switch Auto, LP Switch Auto, Low Ambient Start, Three Minute Delay Timer, Random Start, Contactor



DCU+ Outdoor Condensing Unit

- DCU+ 20 - 495mm x 1004mm x 490mm - 70kg
- DCU+ 30 - 495mm x 1004mm x 490mm - 70kg
- DCU+ 40 - 495mm x 1004mm x 490mm - 72kg
- DCU+ 50 - 560mm x 1174mm x 490mm - 81kg
- DCU+ 60 - 560mm x 1174mm x 490mm - 81kg
- DCU+ 80 - 560mm x 1174mm x 490mm - 84kg

STANDARD FEATURES

Fan Speed Head Pressure Control, HP Switch Auto, LP Switch Auto, Low Ambient Start, Three Minute Delay Timer, Random Start, Contactor

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