

# 17 Series CXE R407C Cellar Cooling

**THE INNOVATIVE CXE CELLARATOR SPLIT SYSTEM IS DESIGNED TO HELP THE LICENSED TRADE MAINTAIN A COOLED ENVIRONMENT MORE EFFECTIVELY THAN EVER BEFORE.**

## Features

- Revolutionary one piece moulded body, impregnated with an anti-bacterial additive, ideal for cellar cooling and food preparation areas.
- Industrial standard 6 fins per inch evaporator coil.
- New 17 Series with smaller 5mm tube sizes in both the evaporator and condensing coils gives reduced refrigerant requirements without compromising the system duty.
- System matched for 4°C air on applications
- Capacity range 2.7kW – 8.2kW @ 12.7°C
- Mounting brackets suitable for both wall and ceiling mounting.
- Up to 50 & 80m pipe run

## Our cellar cooling units feature:

- CXE with electronic control

Lightweight indoor units for easy installation:-

CXE 30 / 40 - 18kg      CXE 50 - 20kg  
 CXE 70 - 23kg      CXE 90 - 25kg

The unit dimensions are:-

CXE 30 - 90 - 483mm x 845mm x 320mm



## Specification

- New contemporary marble effect evaporator
- The unit controls temperatures down to 4°C (dependent upon system match)
- De-ice stat is standard on CXE electronic units
- Antibacterial agent added to the chassis during the moulding process for complete mould protection throughout the material
- Waterproof power switch
- Direct access to the electrics at the front of the unit
- ABS drain tray incorporating standard 22mm OD fitting drain stub
- Easy to install field electric heater kit with factory fit option
- Outdoor condensing units incorporating a low pressure switch, HP switch and low ambient start as standard
- Optional ducted condensing units for where external installations are not feasible



## CKC System - Technical Information

SYSTEM	ABOVE GROUND		BELOW GROUND	
	CELLAR IN m <sup>3</sup>		CELLAR IN m <sup>3</sup>	
	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<sup>-5</sup> N/m<sup>2</sup>)



### 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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