

## R32 CXL / CKL Cellar Cooling

**COMPETITIVE RANGE OF R32 CELLAR COOLERS  
BASED ON THE SAME HIGH SPECIFICATION  
INDOOR UNITS AS OUR SUCCESSFUL CXE/CKC  
RANGE.**

### Features

- Up to 25m pipe run.
- 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.
- Condensing unit pre-charged for up to 3 m pipe run
- Capacity range 3.0 kW – 5.5 kW @ 12.0°C
- Mounting brackets suitable for both wall and ceiling mounting.

### Our cellar cooling units feature:

- CXE with electronic control

**Lightweight indoor units for easy installation:-**

CXL 40 - 20kg - CXL 60 - 23kg- CXL 80 - 25kg

**The unit dimensions are:-**

CXL 40 - 80 - 483mm x 845mm x 320mm



### Specification

- New contemporary marble effect evaporator
- Condensing units precharged with R32
- The unit controls temperatures down to 8°C (dependent upon system match)
- De-ice stat is standard on CXL electronic units
- Anti-bacterial agent added to the chassis during the moulding process for complete mould protection throughout the material
- Waterproof power switch
- HP Switch (outdoor Unit)
- 3 minute timer
- Random start contactor
- Direct access to the electrics at the front of the unit
- ABS drain tray incorporating standard 22mm OD fitting drain stub
- Air throws to suit all applications



## Technical Information

Approximate Guide to Cellar Sizing in m3 at 27°C Ambient

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
CXL 40 / CKL 40	26	38	44	63
CXL 60 / CKL 60	39	55	64	91
CXL 80 / CKL 80	59	84	94	134



## Guide to Cooling Duty

Indoor CXL	Outdoor CKL	Total Duty															Sensible Duty														
		27°C					32°C					37°C					27°C					32°C					37°C				
		8°C	10°C	12°C	14°C	16°C	8°C	10°C	12°C	14°C	16°C	8°C	10°C	12°C	14°C	16°C	8°C	10°C	12°C	14°C	16°C	8°C	10°C	12°C	14°C	16°C	8°C	10°C	12°C	14°C	16°C
40	40	2.7	3.0	3.2	3.5	3.7	2.5	2.8	3.0	3.2	3.4	2.3	2.5	2.8	3.0	3.2	1.9	2.1	2.3	2.4	2.6	1.8	1.9	2.1	2.2	2.4	1.6	1.8	1.9	2.1	2.2
60	60	3.6	4.0	4.3	4.6	4.9	3.4	3.7	4.0	4.3	4.6	3.1	3.4	3.7	3.9	4.2	2.5	2.8	3.0	3.2	3.4	2.3	2.6	2.8	3.0	3.2	2.2	2.4	2.6	2.8	2.9
80	80	5.0	5.5	5.9	6.3	6.8	4.6	5.1	5.5	5.9	6.3	4.2	4.7	5.1	5.4	5.8	3.5	3.8	4.1	4.4	4.7	3.2	3.5	3.9	4.1	4.4	3.0	3.3	3.6	3.8	4.1

## Sound Pressure Levels

### Indoor Unit

MODEL	SOUND PRESSURE LEVELS dB(A)
CXL 40	40.5
CXL 60	39.9
CXL 80	39.9

### Outdoor Unit

MODEL	SOUND PRESSURE LEVELS dB(A)
CKL 40	41.5
CKL 60	44.5
CKL 80	44.5

Sound Pressure Levels in dB(A) at 10m distance in free field conditions. (Reference  $2 \times 10^{-5}$  N/m<sup>2</sup>)

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