

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 3m pipe run
- Capacity range 3.0kW - 5.5kW @12.0°C
- HP switch (outdoor unit)
- Mounting brackets suitable for both wall and ceiling mounting

Our cellar cooling units feature:

- CXL 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 chasis 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^3		CELLAR IN m^3	
	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

Total Duty																	Sensible Duty													
Indoor CXL	Outdoor CKL	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 $2x10^{-5}$ N/m²)

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