



JCC Cellar Coolers

The improved version of the JCC cellar cooler provides a complete range of reliable units with front access panels for ease of installation and maintenance. The units are energy efficient and are designed to maintain temperatures required in beer and wine cellars.

The JCC cellar coolers are now fitted with standard electronic controllers across the range that operate down to 4°C making the units suitable for extending the life of perishable goods like fruit, flowers, cheese and vegetables.

The JCC indoor unit together with the tried and tested condensing unit has produced a winning combination. Coils are manufactured to 6 fins per inch brewery specification and the indoor units are manufactured in powder coated mild steel for ease of cleaning.

General specifications

- Galvanised mild steel casing with polyester powder coating
- Refrigerant R410A
- 6 fins per inch brewery specification evaporator coils
- Condensing unit fitted with rotary compressor
- Low pressure switch fitted to all indoor unit models
- Standard electronic temperature controller across four models
- Suitable for wall or ceiling mounting without the use of additional brackets

Benefits

- Cooling Capacity: 2.45kW - 6.13kW
- Low noise
- Cost effective solution
- Operates down to 4°C
- Small footprint
- Ease of installation



R410A

	Quick Selection		Cooling Capacities @ 32°C Ambient			
	Above ground (max. room m ³)	Below ground (max. room m ³)	4°C	8°C	12.7°C	16°C
JCC2 25E / J5LC15C	20	32	1.68	1.85	2.45	2.76
JCC2 40E / J5LC20C	45	65	2.96	3.36	4.05	4.28
JCC2 50E / J5LC25C	60	106	3.96	4.4	5.10	5.58
JCC2 60E / J5LC28C	72	130	4.92	5.34	6.13	6.70

Above based on typical UK cellar construction
32°C ambient (21°C for below ground); 12.7°C db / 10°C wb internal

Maximum product load of 16 l/m³, entering room at max temp of 21°C
Product cooling time 24hours, plant running time of 18 hours a day



General Specifications

Model	Cooling capacity	Unit airflow	Noise level	System pipe sizes		Max pipe run		Power supply	FLA	LRA	Power to...	Inter connecting Cable	Fuse Rating
	kW	M3/s	dB(A)	Liquid ^①	Suction	Length	Rise	(v/ph/hz)	(Amps)	(Amps)			
JCC2 25E	2.45	0.83	45	1/4"	1/2"	12m	5m	240/1/50	6.04	N/A	Indoor	2 Core + E	16
J5LC15C		0.45	30							24			
JCC2 40E	4.05	0.83	45	1/4"	*1/2"	15m	8m	240/1/50	7.61	N/A	Indoor	2 Core + E	20
J5LC20C		0.61	32							27			
JCC2 50E	5.10	1.11	48	1/4"	5/8"	15m	8m	240/1/50	9.03	N/A	Indoor	2 Core + E	25
J5LC25C		0.69	32							32			
JCC2 60E	6.13	1.11	48	3/8"	*5/8"	15m	8m	240/1/50	12.82	1.11	Indoor	2 Core + E	32
J5LC28C		0.63	34							65			

* Reducer required on indoor unit

① Liquid line is the expansion line and as such requires insulating

Notes:

- Noise levels are free field at 10m
- Duties quoted @ 12.7°C db / 10°C wb internal, 32°C ambient
- Condensing units pre-charged for 7.6m pipe run

JCC2 25E Pre-charged with 0.83kg R410A Additional charge 20g per metre*

JCC2 40E Pre-charged with 1.38kg R410A Additional charge 20g per metre*

JCC2 50E Pre-charged with 1.54kg R410A Additional charge 20g per metre*

JCC2 60E Pre-charged with 1.80kg R410A Additional charge 20g per metre*

Weights & Dimensions

Model	Length ^① (mm)	Depth ^② (mm)	Height (mm)	Weight (kg)
JCC2 25E	865	372	489	30
J5LC15C	700	250	540	33
JCC2 40E	865	372	489	33
J5LC20C	855	328	651	59
JCC2 50E	902	370	545	36
J5LC25C	855	328	750	62
JCC2 60E	902	370	545	38
J5LC28C	855	328	750	68

① Unit length does not include pipe service - add approximately 70mm

② Excludes depth of fan motor - add approximately 90mm

Indoor unit JCC2 25E - JCC60E



Outdoor Unit J5LC20C - J5LC28C



Outdoor Unit J5LC15C



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Ref: JCC_2.0_0110