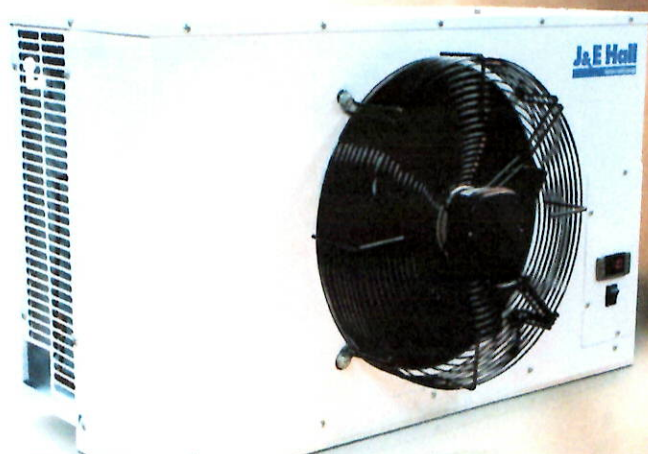


CELLAR
COOLERS



JCC Cellar Coolers

PRODUCT RANGE 2020



FSW

J&E Hall
International
a member of **DAIKIN** group

DON'T
FORGET...
AIR
STRAIGHTENER
ALSO AVAILABLE

JCC Cellar Coolers PRODUCT RANGE

► JCC CELLAR COOLER SPECIFICATIONS

R410A



QUICK SELECTION GUIDE

	Quick Selection @ 12.7°C		Cooling Capacities kW @ 32°C Ambient				
	Above ground (max. room m³)	Below ground (max. room m³)	4°C	8°C	10°C	12.7°C	16°C
JCC2 25E / J5LC15C	25	45	2.70	2.78	2.82	2.87	2.94
JCC2 40E / J5LC20C	48	70	3.78	4.02	4.14	4.31	4.53
JCC2 50E / J5LC25C	56	90	4.19	4.45	4.59	4.78	5.02
JCC2 60E / J5LC28C	70	120	5.29	5.53	5.65	5.82	6.03

Criteria:

- Above based on typical UK cellar construction
- 32°C ambient (21°C for below ground); 12.7°C db/10°C wb
- Maximum product load of 16 l/m³, entering room at max temp of 21°C
- Product cooling time 24 hours, plant running time of 18 hours a day

GENERAL SPECIFICATIONS

Model	Nominal Cooling Capacity	Unit Airflow	Noise Level	System Pipe Sizes		Maximum Pipe Run		Power Supply	FLA	LRA	Power To...	Inter Connecting Cable	Fuse Rating
	kW	M³/h	dB(A)	Liquid	Suction	Length	Rise	(V/Ph/Hz)	(Amps)	(Amps)			(Amps)
JCC2 25E	2.87	2560	48	1/4"	1/2"	25m	5m	230/1/50	6.2	N/A	Indoor	3 Core	16
J5LC15C		1631	29							24			
JCC2 40E	4.31	2270	48	1/4"	1/2"	25m	8m	230/1/50	7.7	N/A	Indoor	3 Core	20
J5LC20C		2208	29							27			
JCC2 50E	4.78	2680	47	1/4"	5/8"	25m	8m	230/1/50	8.8	N/A	Indoor	3 Core	25
J5LC25C		2480	32							63			
JCC2 60E	5.82	2560	47	3/8"	5/8"	25m	8m	230/1/50	12.9	N/A	Indoor	3 Core	32
J5LC28C		2463	34							65			

- † Reducer required on indoor unit
Liquid line is the expansion line and as such requires insulating

Criteria	Model	Pre-charged with	TCO ₂ Eq
• Noise levels are free field at 10m • Nominal cooling capacities quoted @ 12.7°Cdb / 10°Cwb internal, 32°C ambient • Condensing units are pre-charged for up to 7.6m pipe run • The maximum pipe run must include the rise - the rise is not additional to the length	JCC2 25E	0.83kg R410A Additional charge 10g per metre	1.73
	JCC2 40E	1.38kg R410A Additional charge 15g per metre	2.88
	JCC2 50E	1.54kg R410A Additional charge 15g per metre	3.22
	JCC2 60E	1.80kg R410A Additional charge 20g per metre	3.76

WEIGHTS & DIMENSIONS

Model Indoor	Width (mm)①	Depth (mm)②	Height (mm)	Weight (Kg)	Model Outdoor	Width (mm)	Depth (mm)	Height (mm)	Weight (Kg)
JCC2 25E	865	372	489	31	J5LC15C	700	250	540	30
JCC2 40E	865	372	489	33	J5LC20C	855	328	654	47
JCC2 50E	902	370	545	36	J5LC25C	855	328	756	50
JCC2 60E	902	370	545	38	J5LC28C	855	328	756	57

- ① Indoor unit width excludes pipe services - add approximately 20 mm
② Outdoor unit depth includes fan motor - add approximately 90 mm



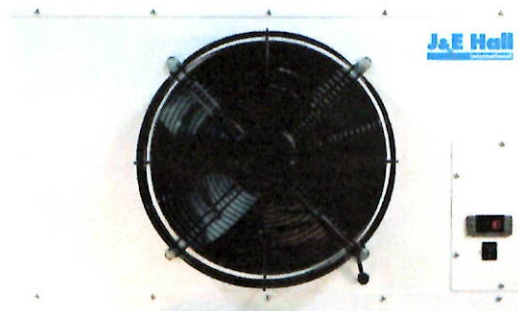
► JCC CELLAR COOLERS

R410A

The JCC cellar cooler range provides a cost effective and reliable solution designed to maintain temperatures required for beer and wine cellars. The ability of electronic control down to 4°C* also prolongs the life of fresh fruit and vegetables, flowers, dairy products and other items requiring a temperature controlled environment.

The indoor units utilise brewery specification 6 fins per inch evaporator coils and are manufactured to the highest specifications. Units can be wall or ceiling mounted to maximise space, without the use of additional brackets.

INDOOR UNIT



- **25m pipe run capability for total flexibility**
- **Ease of installation keeps costs and time to a minimum**
- **3 year manufacturer's warranty gives total peace of mind**
- **Low noise suitable for residential areas**
- **Operates down to 4°C* and can be used for many types of product cooling**
- **Electronic controller as standard giving accurate temperature control**

OUTDOOR UNITS



* Note

For applications where pipe runs are not exceeding 15m in length minimum room temperature of 4°C can be achieved, over 15m then minimum room temperature is 6°C. For applications where pipe runs exceed 15m in length a condenser fan speed controller should be fitted within the system (supplied by the wholesaler)

► TWIN CELLAR COOLERS

To expand the application of the current cellar cooler range, JCC evaporators can be paired with J & E Hall's Fusion Scroll condensing units for increased cooling capacities and longer pipe runs.

The market leading condensing units come fully dressed with a prewired control panel and include a fan speed controller and highly efficient Copeland scroll compressor.

- **Operates down to 4°C**
- **Low noise outdoor units**
- **Ease of installation**
- **Long pipe runs to 50m**
- **Electronic temperature controller**
- **Refrigerant R404A / R407A / R407F R448A / R449A**

INDOOR UNITS



OUTDOOR UNIT

