

JCC Cellar Coolers



Quick Selection Guide

System	Indoor/Outdoor Unit	Quick Selection @ 12.7°C		Cooling Capacities kW @ 32°C Ambient					
		Above ground (max. room m ³)	Below ground (max. room m ³)	4°C	8°C	10°C	12°C	12.7°C	16°C
JCC3-25	JCC3-25E / J6LC26CV1	25	45	2.41	2.59	2.67	2.76	2.79	2.94
JCC3-40	JCC3-40E / J6LC41CV1	45	70	3.47	3.76	3.91	4.06	4.11	4.35
JCC3-55	JCC3-55E / J6LC56CV1	65	115	4.63	5.10	5.33	5.56	5.64	6.03

Above selection based on typical UK cellar construction: 32°C ambient (21°C for below ground)
 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

System	System Part Number	Nominal Cooling Capacity kW	Indoor/Outdoor Unit Models	Airflow M ³ /h	Indoor Air Throw m	Noise Level dB(A)	System Pipe Sizes		Maximum Pipe Run		Power Supply (V/Ph/Hz)	FLA (Amps)	LRA (Amps)	Power To...	Inter Connecting Cable	Fuse Rating (Amps)
							Liquid	Suction	Length	Rise						
JCC3-25	N04110105	2.79	JCC3-25E	2560	8	48	1/4"	1/2"	25m	5m	230/1/50	5.3	N/A	Indoor	5 Core	16
			J6LC26CV1	2070	n/a	26										
JCC3-40	N04110106	4.11	JCC3-40E	2270	8	48	1/4"	*1/2"	25m	8m	230/1/50	8.2	N/A	Indoor	5 Core	20
			J6LC41CV1	2225	n/a	26										
JCC3-55	N04110107	5.64	JCC3-55E	2475	8	45	*1/4"	*5/8"	25m	8m	230/1/50	10.2	N/A	Indoor	5 Core	25
			J6LC56CV1	2984	n/a	31										

*Reducer required at indoor unit connections (JCC3-40E: 5/8" X 1/2" C x C) (JCC3-55E: 3/8" X 1/4" C X C + 3/4" X 5/8" C x C)
 Liquid line is the expansion line and as such requires insulating
 Indoor air throws are based on a final velocity of 0.4 m/s
 RLA = Rated Load Amps for system/LRA = Locked Rotor Amps for compressor

Weights & Dimensions

Indoor Model	Width ^① (mm)	Depth ^② (mm)	Height (mm)	Weight (Kg)
JCC3-25E	865	492	489	31
JCC3-40E	865	492	489	33
JCC3-55E	904	491	546	38

Outdoor Model	Width ^① (mm)	Depth ^② (mm)	Height (mm)	Weight (Kg)
J6LC26CV1	855	328	651	38
J6LC41CV1	855	328	651	42
J6LC56CV1	855	328	753	46

① Indoor unit width exclude pipe services - add approximately 70mm
 ② Indoor unit depth includes fan motor

Chill Room Applications

J & E Hall cellar coolers can be used for varied applications where room temperatures down to 4°C are required.

Selections based on:

- ▶ Room temperature of +4°C
- ▶ 32°C ambient
- ▶ R448A/R449A
- ▶ Room construction 80mm panel to walls, ceiling and floor
- ▶ Average door usage
- ▶ Product loading based on maximum 64kg/m³ entering at no more than 5°C above room temperature

MODEL	ROOM SIZE
JCC3-25	20m ³
JCC3-40	40m ³
JCC3-55	55m ³

Criteria

Criteria	System	System refrigerant requirements (base charge / additional)	TCO ₂ Eq
<ul style="list-style-type: none"> Noise levels are free field at 10m Nominal cooling capacities shown @ 12.7°C / 32°C ambient Systems require refrigerant base charge adding as shown for pipe runs up to 7.6m The maximum pipe run must include the rise - the rise is not additional to the length 	JCC3-25	1.30kg R448/9A - Additional charge 12g per metre	1.80
	JCC3-40	1.75kg R448/9A - Additional charge 6g per metre	2.43
	JCC3-55	2.20kg R448/9A - Additional charge 15g per metre	3.05

Important Note: Outdoor units do not come pre-charged with refrigerant

