

CELLAR+
COMING
SOON

NEW PRODUCT BULLETIN

INTRODUCING...

the all new 7kW & 8kW CELLAR+ systems from J & E Hall. With increased capacity and longer pipe runs, the new systems are an ideal solution for larger cellar cooler applications.

7kW & 8kW CELLAR+
CELLAR COOLING SYSTEMS

FEATURES & BENEFITS

- Up to 50m pipe run capability for total flexibility
- Ease of installation
- Room temperature down to 4°C
- Operates with either R448A and R449A refrigerant
- Air straighteners fitted as standard for increased air throw
- Expansion valve kit included
- 3 years manufacturer's warranty for total peace of mind
- Single phase and three phase outdoor unit option
- Outdoor units with high quality Copeland scroll compressors



outdoor unit

SELECTION GUIDE

System	Indoor/Outdoor Unit	Quick Selection @ 10°C		Cooling Capacity in kW @ 32°C Ambient - R448A/R449A					
		Above Ground (max. room m³)	Below Ground (max. room m³)	4°C	6°C	8°C	10°C	12°C	12.7°C
Cellar Plus 70-S1/S3	JCC2-80E / BSCU-30-M1/M3	100	155	5.5	6.0	6.4	6.9	7.4	7.5
Cellar Plus 80-S1/S3	JCC2-80E / BSCU-35-M1/M3	120	180	6.7	7.1	7.5	7.9	8.4	8.5

Above selections based on typical UK cellar construction: 32°C ambient (21°C for below ground)
Product cooling time 24 hours, plant running time of 18 hours a day

Maximum product load of 16 l/m³ entering room at max temp of 21°C

GENERAL SPECIFICATIONS

System	System Part Number	Evaporator Model	Power supply		FLC	SFR	Air Flow	Air Flow	Noise Level @10m	Condensing Unit Model	Power Supply		MCC	LRC	SFR	Air Flow	Noise Level @ 10m	Max Pipe Run
			V/Ph/Hz	Amps							V/Ph/Hz	Amps						
Cellar Plus 70-S1	N04110043	JCC2-80E	230/1/50	1.9	6	4070	10	50	BSCU-30-M1	230/1/50	21.5	82.0	25	2765	34	50		
Cellar Plus 70-S3	N04110044	JCC2-80E	230/1/50	1.9	6	4070	10	50	BSCU-30-M3	400/3/50	10.3	40.0	16	2765	34	50		
Cellar Plus 80-S1	N04110045	JCC2-80E	230/1/50	1.9	6	4070	10	50	BSCU-35-M1	230/1/50	25.0	97.0	32	3350	36	50		
Cellar Plus 80-S3	N04110046	JCC2-80E	230/1/50	1.9	6	4070	10	50	BSCU-35-M3	400/3/50	9.0	46.0	20	3350	36	50		

Noise levels are measured in an anechoic chamber at nominal test conditions (Troom 10°C / 32°C Ta)
Air throws are based on a final velocity of 0.4m/s

Maximum pipe run is total equivalent length of all piping
SFR ~ Suggested Fuse Rating (Motor Rated for Outdoor Unit)

WEIGHTS & DIMENSIONS

System	Indoor Model	Width ① (mm)	Depth ② (mm)	Height (mm)	Weight (kg)	Outdoor Model	Width (mm)	Depth (mm)	Height (mm)	Weight (kg)
Cellar Plus 70-S1/S3	JCC2-80E	1437	505	557	63	BSCU-30-M1/M3	1108	478	649	77
Cellar Plus 80-S1/S3	JCC2-80E	1437	505	557	63	BSCU-35-M1/M3	1334	530	864	97

① Indoor unit width excludes pipe services - add approximately 70mm

② Indoor unit depth includes fan motor with air straightener

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TWIN CELLAR+ SYSTEMS

To expand the application of the current cellar cooler range, three new twin systems using new outdoor units are now available. They offer lower GWP refrigerant options and longer pipe runs.



OUTDOOR UNIT

- Single phase and three phase option
- High quality Copeland scroll compressors
- Blue Fin coating on condenser coils for added protection

FEATURES & BENEFITS

- Up to 50m pipe run capability for total flexibility
- Ease of installation
- Air straighteners included for increased air flow
- Expansion valve kits included
- Room temperature down to 4°C
- Operates with either R448A and R449A refrigerant
- 3 years manufacturer's warranty for total peace of mind



SELECTION GUIDE

System	Indoor/Outdoor Unit	Quick Selection @ 10°C		Cooling Capacity in kW @ 32°C Ambient - R448A/R449A					
		Above Ground (max. room m ³)	Below Ground (max. room m ³)	4°C	6°C	8°C	10°C	12°C	12.7°C
Cellar Plus 70-T1/T3	(2x) JCC2-40E / BSCU-30-M1/M3	100	155	6.3	6.6	6.9	7.2	7.5	7.6
Cellar Plus 80-T1/T3	(2x) JCC2-50E / BSCU-35-M1/M3	120	180	6.7	7.1	7.5	7.9	8.4	8.5
Cellar Plus 90-T1/T3	(2x) JCC2-60E / BSCU-40-M1/M3	145	210	8.0	8.4	8.8	9.2	9.6	9.7

Above selections based on typical UK cellar construction: 32°C ambient (21°C for below ground)
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Maximum product load of 16 l/m³ entering room at max temp of 21°C

GENERAL SPECIFICATIONS

System	Part Number	Evaporator Model (2x)	Power Supply	FLC (2x)	SFR	Air Flow (2x)	Air Throw	Noise Level @ 10m (2x)	Condensing Unit Model	Power Supply	MCC	LRC	SFR	Air Flow	Noise Level @ 10m	Max Pipe Run
Cellar Plus 70-T1	N04110047	JCC2-40E	230/1/50	1.0	6	2270	8	48	BSCU-30-M1	230/1/50	21.5	82.0	25	2765	34	50
Cellar Plus 70-T3	N04110048	JCC2-40E	230/1/50	1.0	6	2270	8	48	BSCU-30-M3	400/3/50	10.3	40.0	16			
Cellar Plus 80-T1	N04110049	JCC2-50E	230/1/50	1.0	6	2680	8	47	BSCU-35-M1	230/1/50	25.0	97.0	32	3350	36	50
Cellar Plus 80-T3	N04110050	JCC2-50E	230/1/50	1.0	6	2680	8	47	BSCU-35-M3	400/3/50	9.0	46.0	20			
Cellar Plus 90-T1	N04110051	JCC2-60E	230/1/50	1.0	6	2560	8	47	BSCU-40-M1	230/1/50	28.0	114.0	40	4250	41	50
Cellar Plus 90-T3	N04110052	JCC2-60E	230/1/50	1.0	6	2560	8	47	BSCU-40-M3	400/3/50	11.0	50.0	20			

Noise levels are measured in an anechoic chamber at nominal test conditions (Troom 10°C / 32°C Ta)
Air throws are based on a final velocity of 0.4m/s

Maximum pipe run is total equivalent length of all piping
SFR - Suggested Fuse Rating (Motor Rated for Outdoor Unit)

WEIGHTS & DIMENSIONS

System	Indoor Model	Width ① (mm)	Depth ② (mm)	Height (mm)	Weight (kg)	Outdoor Model	Width ① (mm)	Depth ② (mm)	Height (mm)	Weight (kg)
Cellar Plus 70-T1/T3	JCC2-40E	865	492	489	33	BSCU-30-M1/M3	1108	478	650	77
Cellar Plus 80-T1/T3	JCC2-50E	904	491	546	36	BSCU-35-M1/M3	1334	530	864	97
Cellar Plus 90-T1/T3	JCC2-60E	902	491	546	38	BSCU-40-M1/M3	1351	530	864	107

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