

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 &amp; 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 m <sup>3</sup> ) | Below Ground (max. room m <sup>3</sup> ) | 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/m<sup>3</sup> 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 | Amps | M <sup>3</sup> /h | M        | dB(A)            |                       | V/Ph/Hz      | Amps | Amps | Amps | M <sup>3</sup> /h | dB(A)             | M            |
| 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 &amp; 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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# NEW PRODUCT BULLETIN

## 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<br>(max. room m <sup>3</sup> ) | Below Ground<br>(max. room m <sup>3</sup> ) | 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)  
Product cooling time 24 hours, plant running time of 18 hours a day

Maximum product load of 16 l/m<sup>3</sup> 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