

## Refrigeration Plant Data Sheet

Site Ref: CO-OP DARTON

Date: 26<sup>th</sup> March 2014

|                             |                                                               |
|-----------------------------|---------------------------------------------------------------|
| <b>Type of Equipment</b>    | Multi Simply C External Unit                                  |
| <b>Model No.</b>            | CPSCS3E-15-045-4-HT-JKTS                                      |
| <b>Quantity</b>             | 1                                                             |
| <b>Design Parameters:-</b>  | Refrigerant R407A                                             |
|                             | Ambient Temp, °C 35°C                                         |
|                             | SST, °C IT -8                                                 |
|                             | Useful Superheat, K 10                                        |
|                             | Liquid Subcooling, K 5                                        |
|                             | Suction Superheat, K 20                                       |
| <b>Model of Compressors</b> | IT 3*ZB38                                                     |
| <b>Duty</b>                 | IT, kW 13.99                                                  |
| <b>Max run amps</b>         | Amps 38.6                                                     |
| <b>Design run amps</b>      | Amps 29.97                                                    |
| <b>Noise Rating</b>         | dB(A) @10m free field 42/34                                   |
| <b>Weight, approx</b>       | kg 835                                                        |
| <b>Liquid Receivers</b>     | Orientation Vertical                                          |
|                             | Location Mounted onto the unit                                |
|                             | Capacity, litre 15                                            |
|                             | Pressure Relief Automatic PRV                                 |
|                             | Shut-off Valve Outlet                                         |
| <b>Oil Management</b>       | Compressors Oil header/manifold assembly                      |
|                             | Separators Conventional                                       |
| <b>Container</b>            | Oil Type Solest 31 HE                                         |
|                             | Finish Painted BS4800 00A05                                   |
|                             | Acoustic Constructed with acoustic in-fill panels             |
|                             | Dimensions (footprint),mm 2250*800*2000                       |
|                             | Dimensions (max),mm 2250*800*2000                             |
|                             | Access Front                                                  |
|                             | Services Top right, toward rear of unit                       |
|                             | Suction Size, inches 1 5/8                                    |
|                             | Liquid Size, inches 1 3/8                                     |
| <b>Control Panel</b>        | Main Control Pressure Swith                                   |
|                             | Back up Control Not Included                                  |
|                             | Isolation 1 x Main Interlocking                               |
|                             | Location Fitted to left hand side of unit – outside           |
|                             | Inverter Included                                             |
| <b>Other Equipment</b>      | Fan Speed Controller Included                                 |
|                             | Vibration Eliminators Fitted to all compressor delivery lines |
|                             | Crankcase Heaters 1 x each compressor                         |
|                             | HP Switch 1 per compressor                                    |
|                             | LP Switch 1 per compressor                                    |
|                             | Pack AV Mounts Not included                                   |
|                             | Condenser Guard Included                                      |
| <b>Condenser Type</b>       | Air cooled – Attached to unit                                 |