

IPRB INTEGRATED PLANT & RECEIVER BOX



Acoustic Compliant
Scroll Compressor
Housing incorporating
liquid receiver and
integrated control
panel for both
compressors and
condenser fans



Manufactured
in the UK

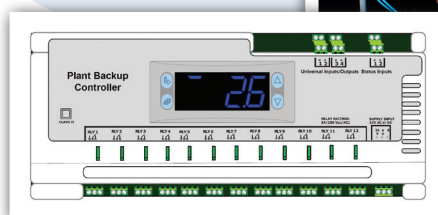
www.dcigroup.uk.com
Telephone: 023 9238 1799

STANDARD SUPPLY

- Acoustic housing standard size 708w x 2134l x 1813h
- Can be located against wall - Clear area 3500 x 2000
- Up to 6 compliant scroll compressors
- For High, Medium & Low temperature applications
- Dual temperature applications
- Compressors sizes up to ZB45 for HT and ZF18 for LT
- Integrated controls for both compressors and condenser fans
- Pre wired compressors
- Tested and pre-commissioned before leaving our workshops
- Suction, Liquid, Discharge and Return pipework extended external of the box right hand end
- Suction filter
- Suction Pressure Relief valves
- 30 litre receiver volume complete with replaceable core drier, sight glass and bypass option
- PED compliant; Category II with 30 litre receiver, SEP without
- Back up control via pressure switches for compressors and fixed resistor for EC fans

ELECTRICAL PANEL SPECIFICATION

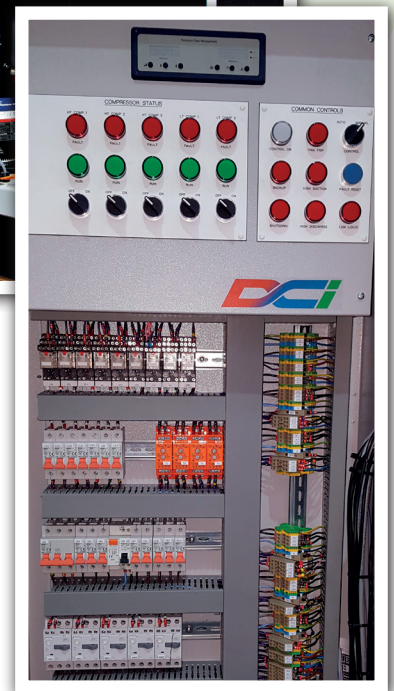
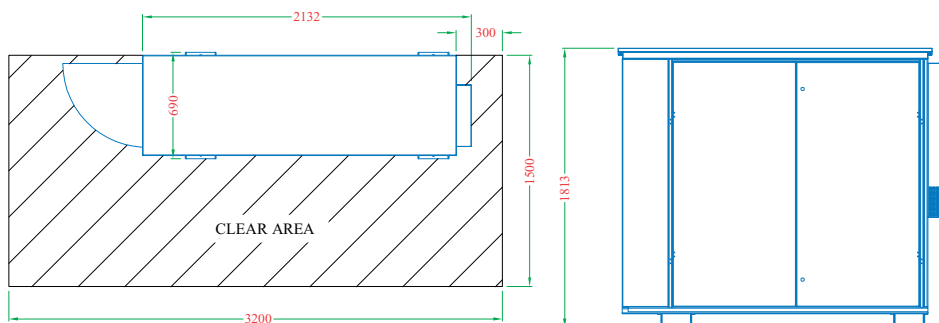
- Available in single phase or three phase
- Motor Rated circuit breakers per compressor
- Compressor Contactors
- Miniature Circuit breaker per Crankcase Heater
- RDM PRO609 Primary controller for both the compressors and EC fans
- LT compressors in Dual Temperature arrangement controlled via LP switches
- Fault Relay per compressor
- Plant switch per compressor
- Compressor Anti Short Cycle Timers
- Motor Rated circuit breakers for EC fans
- 230v – 24v Transformer
- Auto / Manual change over switch
- Alarm Reset switch
- Suction override timer
- Discharge override timer
- Low Liquid level timer
- Pressure Transducers 1# Suction, 1# Discharge
- LED lamps for plant status indication
- RCD Socket
- Cooling Fan



RDM PRO 609 Controller



DRAWING



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