



## RTC Rental 85.5m<sup>3</sup>/min Electric Oil-Free Centrifugal Air Compressor

RTC C80 3-stage 100% oil-free air compressor electric drive delivering 85.5m<sup>3</sup>/min (3020cfm) at 8.5 Bar(g) (120psi) of class zero quality air.

- Five axis precision machined stainless steel impellers for maximum energy savings in all conditions
- Complete tested package with built-in lubrication and cooling systems
- Flange mounted motor for permanent alignment
- Complete control, protection and diagnostic system
- Integral water-cooled inter- and aftercooler with single point flanged connections for air and water
- Inlet air filter with and separate by-pass silencer

### Technical Data

Max. capacity	85.5m <sup>3</sup> /min (5130m <sup>3</sup> /h – 3020cfm)
Max. working pressure	8.5 Bar(g) – (120psi (G))
Discharge air connection	DN100-PN16
Cooling	Water cooling
Cooling pressure	2 Bar – max. 5 Bar
Cooling flow	605 l/min
Cooling heat load	449810 Kcal/h
Cooling inlet temp.	15°C (CTD 14°C)
Cooling connection	DN100-PN10
Absorbed power	500 kW
Voltage	400 V, 3 Ph, 50 Hz
Auxiliary power	400 V, 3 Ph, 50 Hz, 32 A
Gross weight	12,500 kg
Dimensions	6100 × 2440 × 2590mm
Sound Pressure	<80db(A) (EN ISO 2151:2004)

To experience RTC Group for yourself please call +316 53 85 82 17  
or visit us at [www.oilfree-air.eu](http://www.oilfree-air.eu) to discuss your needs.