

RENTAL SPECIFICATION C100-6K-08

3-stage Ingersoll Rand oil free centrifugal air compressor

- 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 integrated by-pass silencer



Rental reference	C100-6K-08
Make	Ingersoll Rand
Base model	CENTAC C700 C100MX3
Capacity	103.6 m ³ /min (6220 Nm ³ /h – 3660 cfm)
Working pressure	8 Bar(g) – (112 PSI (G))
Discharge connection	DN100-PN16
Cooling	Water cooling
Cooling pressure	min. 2 Bar – max. 5 Bar
Cooling flow	726 l/min
Cooling heat load	458157 Kcal/h
Cooling inlet temp.	15 °C (CTD 14 °C)
Cooling connection	DN100-PN10
Motor rating	630 kW (IP23, ins class “F”)
Voltage	6000 V, 50 Hz
Rated speed	2975 rpm
Auxiliary power	400 V, 3 Ph, 50 Hz, 16 A
Instrument air	425 l/min, 6 Bar
Gross weight	11.600 kg
Dimensions	6.06 x 2.44 x 2.59 m
Air quality	ISO 8573-1 Class “0” – 100% oil free air
Sound pressure	80 dB(A) (EN ISO 2151:2004)

Machine is equipped with 6kV starter (three position switch), CMC control panel, inlet filter housing, blow down silencer and Inlet guide vane technology (IGV). Including auxiliary compressor / dryer / filter for instrumentation air.

Sump filled with original IR Techtrol Gold lubricant.

Optional equipment:

- *Pressure reduction
- *Air receiver tanks
- *Alternative power supply
- *Hoses and cables
- *Compressed air dryers

*** LAST PAGE ***