

RENTAL SPECIFICATION C80-400-17

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 and separate by-pass silencer



Rental reference	C80-400-17
Make	Ingersoll Rand
Base model	CENTAC C80MX3
Capacity	85,5 m ³ /min (5130 m ³ /h – 3020 cfm)
Working pressure	8,5 Bar(g) – (120 PSI (G))
Discharge connection	DN100-PN16
Cooling	Water cooling
Cooling pressure	min. 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
Motor design	530 kW (IP23, ins class “F”)
Voltage	400 V, 50 Hz
Rated speed	2975 rpm
Auxiliary power	400 V, 3 Ph, 50 Hz – CEE Form 5P 32A
Gross weight	12500 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)

Fully containerized compressed air station. Container equipped with instrument air compressor and dryer. Machine is equipped with 400 V Frequency inverter (soft start), CMC control panel, inlet filter housing and blow down silencer.

Sump filled with original IR Techtrol Gold lubricant.

Optional equipment:

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

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