

RENTAL SPECIFICATION C70-400-01

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	C70-400-01
Make	Ingersoll Rand
Base model	CENTAC C70MX3
Capacity	70 m ³ /min (4200 Nm ³ /h – 2472 cfm)
Max. Working pressure	11 Bar(g) – (150 PSI (G))
Discharge connection	DN100-PN16
Cooling	Water cooling
Cooling pressure	min. 2 Bar – max. 5 Bar
Cooling flow	495 l/min
Cooling heat load	364279 Kcal/h
Cooling inlet temp.	15 °C (CTD 14 °C)
Cooling connection	DN100-PN10
Motor design	530 kW (IP23, ins class “F”)
Absorbed power	480 kW
Voltage	400 V, 3 Ph, 50 Hz
Rated speed	2975 rpm
Auxiliary power	400 V, 3 Ph, 50 Hz, 16 A
Gross weight	10.500 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 star/delta starter (and , Siemens PLC control panel, inlet filter housing, blow down silencer and Inlet guide vane technology (IGV). Complete with GPS remote monitoring system. 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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