

RENTAL SPECIFICATION C90-400-42

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
- Bunded base design



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Rental reference	C90-400-42
Make	Ingersoll Rand
Base model	CENTAC C700 C90MX3
Capacity	90 m ³ /min (5000 Nm ³ /h – 3200 cfm)
Working pressure	6,5 Bar(g) – (91 PSI (G))
Discharge connection	DN100-PN16
Cooling	Water cooling
Cooling pressure	min. 2,5 Bar – max. 5 Bar
Cooling flow	611 l/min
Cooling heat load	460290 Kcal/h
Cooling inlet temp.	15 °C (CTD 14 °C)
Max. water temp.	25°C
Cooling connection	DN100-PN10
Motor rating	530 kW (IP23, ins class “F”)
Absorbed power	468 kW
Voltage	400 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	10.600 kg
Dimensions	4.5 x 2.2 x 2.59 m
Air quality	ISO 8573-1 Class “0” – 100% oil free air
Sound pressure	83 dB(A) (EN ISO 2151:2004) +/- 3dB(A)

Machine is equipped with 400 V star/delta starter, XE145 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

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