TECHNICAL DATA SHEET OF AIR COMPRESSOR



Plot No: 1 H 07 A, Phase-1, Hamriyah Free Zone, Sharjah, U.A.E, PO Box – 50386 Phone: +9716 704 4280
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TECHNICAL DATA SHEET OF AIR COMPRESSOR

Category	Specification
Item	Portable Type Air Compressor
Make	IR (Ingersoll Rand)
Capacity	750 CFM / 10 BAR
Engine Type	Cummins Diesel Engine Driven
Compressor Serial No.	UN59235FXFY812317
Engine Serial No.	22168141
Country of Origin	USA
Dimensions (L x W x H)	4350 mm x 1950 mm x 2320 mm
Weight	3690 Kg
Electrical System	24V negative earth
Fuel Tank Capacity	462 litres (122 gallons)
Compressor Oil Capacity	64 litres (17 gallons)
Max Compressor Oil Temp.	120°C (248°F)
Compressor Cooling System	Oil injection
Engine Oil Capacity	31.7 litres (8.4 gallons)
Oil Specification	Refer to engine section
Coolant Capacity	34 litres (9 gallons)
Operating Temp Range	–10°C to +46°C (14°F to 115°F)
Free Air Delivery	23.4 m^3/min (825 CFM)
Normal Discharge Pressure	8.6 bar (125 psi)
Max Allowable Pressure	10.3 bar (150 psi)
Safety Valve Setting	14 bar (200 psi)
Max Pressure Ratio (Abs.)	9.6:1
Engine Type/Model	Ingersoll–Rand 6IRC8A
Number of Cylinders	6
Full Load Speed	2000 min^{-1} (RPM)
Idle Speed	1500 min^{-1} (RPM)
Power at Full Load	205 kW (275 hp)

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