

XRVS 1550 CD8 T4F

Portable compressor



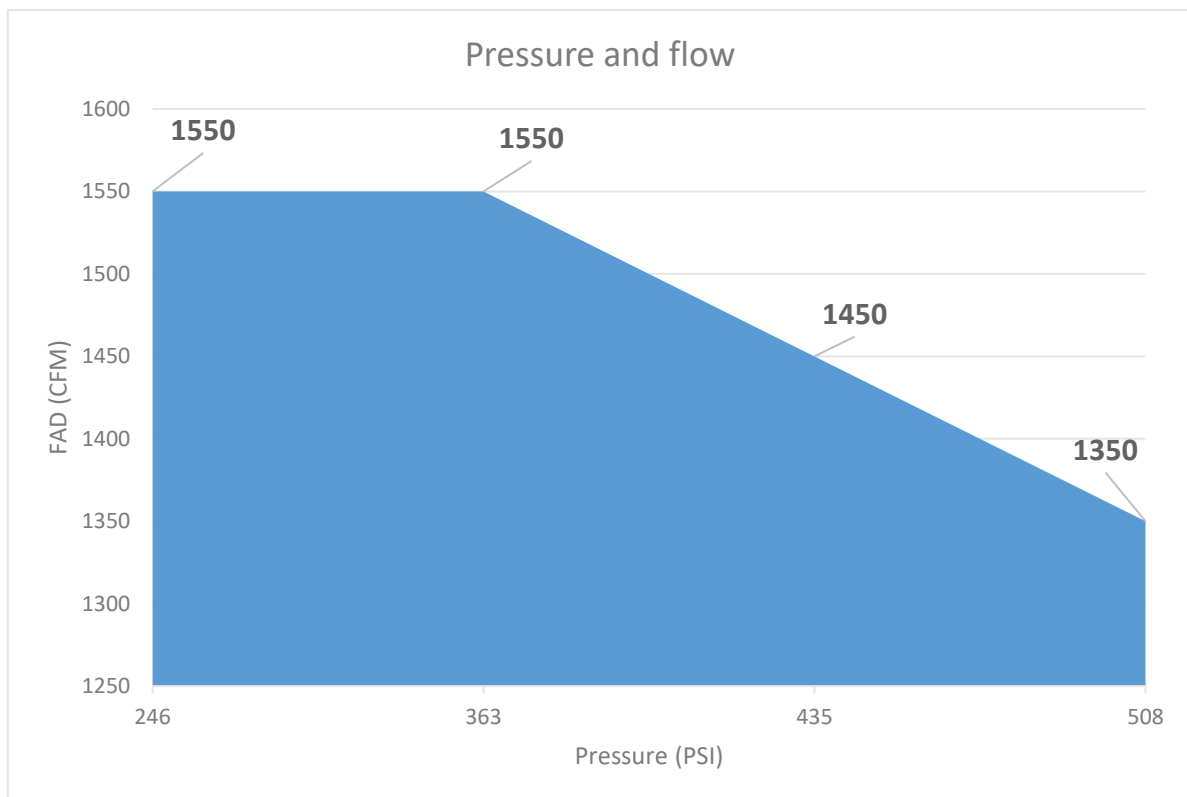
Standard Scope of Supply

The Atlas Copco **XRVS 1550 CD8 T4F** is a two-stage, oil-injected, rotary screw type air compressor, powered by a liquid-cooled, six-cylinder twin-turbocharged diesel engine.

The unit consists of one low pressure and one high-pressure air end, diesel engine, cooling circuit, air/oil separation and control systems - all enclosed within a sound dampened powder coated enclosure.

A range of undercarriage formats, factory and locally installed options are available.

Special attention has been given to the overall product quality, user-friendliness, ease of serviceability, and economical operation to ensure best in class cost of ownership.



Technical Data

Compressor	Units	XRVS 1550 CD8 T4F			
Actual free air delivery ¹ (FAD)	Cfm	1550	1550	1450	1350
Normal effective working pressure	Psi	246	365	435	508
Maximum unloading pressure	Psi	581			
Minimum working pressure	Psi	246			
Max. sound pressure level @ 23' (7m) at normal working speed & pressure ²	dB(a)	76			
Compression Stages		2			
Air Receiver Capacity	US Gal (L)	42 (160)			
Compressor oil capacity	US Gal (L)	22 (83.3)			
Approximate air outlet temperature	°F (°C)	220 (104)			
Approximate air outlet temperature through aftercooler	°F (°C)	Rise over ambient 52 (30)			
Air Compressor outlets		2" NPT			
Max. ambient temperature (at sea level) ³	°F (°C)	122 (50)			
Maximum altitude	ft (m)	9850 (3000)			
Minimum starting temperature (with cold weather options)	°F (°C)	-13 (-25)			

Engine	Caterpillar	C18 TT			
Emissions Regulation	US EPA	Tier 4 Final			
US EPA Engine Family		KCPXL18.1HXF			
Output at rated speed (1785 rpm) ⁴	Bhp	755			
Number of cylinders		6			
Aspiration		Twin Turbocharged			
Displacement	cu in (L)	1104.5 (18.1)			
Engine speed (Unloaded)	Rpm	1300			
Engine speed (Maximum loaded) ⁵	Rpm	1700	1600	1500	
Engine oil capacity	US Gal (L)	14.25 (53.9)			
Engine coolant capacity	US Gal (L)	24 (90.8)			
DEF tank capacity		No DEF required			
DEF consumption		No DEF required			
Fuel tank capacity (tandem)	US Gal (L)	240 (908)			
Fuel consumption at 0% FAD	Gal/Hr (L/Hr)	6.77 (25.6)			
Fuel consumption at 100% FAD	Gal/Hr (L/Hr)	30.49 (115.4)	30.49 (115.4)	29.47 (111.55)	
Electrical System (Negative Ground)	V	24			
Battery Capacity (Cold Cranking Amps) ⁶	A	2 @ 1100			

¹ According to ISO 1217 ed.3 1996 annex D

² Measured in accordance with ISO 2151 under free field conditions @ 7m distance

³ Consult Atlas Copco for proper de-rating instructions for operation beyond ambient limitations

⁴ Horsepower limited by Engine ECU

⁵ Maximum RPM is without Flowboost activated

⁶ According to DIN 72311