

Dedicated design

The TwinAir™ is designed with dedicated material selections, high specification coatings and proven Atlas Copco components.

Oiltronix™ [optional]

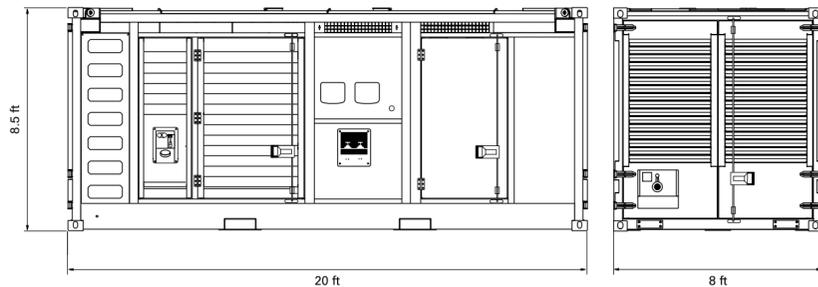
The electronic controlled oil temperature system extends the lifetime of air-ends, compressor components, oil and the oil-separator. This is achieved by eliminating the formation of condensate in the compressed air circuit.

FuelXpert™ [optional]

FuelXpert™, with its electronic control module, regulates engine speed and air inlet with a view to optimizing fuel consumption for each working condition. Importantly when the air demand is lower than the output, the system ensures the right capacity for the application.

Ease of operations

A standard 20 ft ISO – CSC – DNV lifting compliant container has been built for safe handling onshore and offshore, in transport and during installation.



Type		XAH 2250 CD6	XRV 2000 CD6
Normal effective working pressure	psi	175	365
Total actual free air delivery*	cfm	2,232	1,975
Content fuel tanks	US gal	476	476
Air outlet valve (2 no.)	inch	3	3
Engine			
Caterpillar (2 no.)		C13 ACERT	C13 ACERT
Output (each)	HP	440	440
Nominal speed	rpm	1,600	1,600
Unload speed	rpm	1,200	1,200
Weight (dry)	lbs	27,342	28,445

*according to ISO1217 ed.3 1996 annex D

TwinAir™	Standard	Offshore	TwinAir™	Standard	Offshore
175 psi (2,232 cfm) or 365 psi (1,975 cfm)	■	■	Aftercooler with Waterseparator	■	■
Yellow and Grey Colour	■		Pre-heater	■	■
Red and Grey Colour (6 layer)		■	Cold Start	■	■
Special Colour	■	■	Yellow Alert		■
CSC Approval	■	■	Stainless Steel Fuel Lines		■
DNV Approval		■	Battery Box		■
FuelXpert™	■	■	External Fuel Cut-off Valves		■
Oiltronix™	■	■	Rubber Boots on Electrics		■
Spark Arrestor	■	■	T-Clamps on hose connections		■
Inlet Shutdown Valve	■	■			
COSMOS™	■	■			

■ Included
■ Optional

Atlas Copco



www.atlascopco.com

Atlas Copco TwinAir™ Compressor

Revolutionary performance, compact and safe



XAH 2250 CD6

XRV 2000 CD6



Atlas Copco

TwinAir™

- the highest volume of compressed air per square foot.
- the most robust, versatile and safety enhanced compressed air supply unit on the market.

High demand

As the world economy grows, so does its demand for natural resources. Oil & gas exploration continues in all corners of the globe, while the mining of natural minerals and ores are at full capacity. To get to the bottom of these wells and keep

the supply pipelines maintained, the industry is turning to higher and higher capacity compressors.

Atlas Copco has been in the compressor business for over 100 years, so knows about working under pressure. Since the beginning of the last century our company required its own source of compressed air for its pneumatic tools. Our company has been innovating and listening to its customers on how to increase their productivity ever since.



High specifications

TwinAir™ is a revolution in higher productivity. It has been developed to provide the highest output and airflow for its small footprint. Built robustly with the very highest quality parts and standards, everything has been designed to withstand years of heavy-duty use.

Different versions exist including a specially adapted DNV approved model for offshore requirements.

Outstanding cooling performance: the proven optimal cooler configuration, larger air intake and low airflow restriction are designed to optimize the cooling behavior of the TwinAir™.

The impregnated air filters function as a fine filter to protect the engine and the heart of the compressor, our air-end.

A maximum free **air delivery of 2232 cfm**, makes TwinAir™ the compressor with the highest airflow per square foot.

Pressure vessels certified to ASME / CE standards.

Ergonomically designed **built-in ladder system** to access the roof for service. This is to be used in-line with standard safety practices.

Two CAT C13 engines, 440 HP each for a combined total of 880 HP output. The pressure options range from 175 psi to 365 psi.

Access controls for each engine are separate. Opt to run at half the maximum flow if desired.

Standard 20-foot container with forklift slots and lifting eyes makes it easy to move around, and can be stored to 3 high (standard unit) and to 8 high (offshore unit).

Coatings: high specification paint finishes for corrosion protection.

Double ceiling roof for separation of cold intake and hot outlet air.

Controls including external fuel connections and emergency stop buttons **readily accessible**.

DNV certification for offshore working environment, on the specially modified machines.

Large service access doors, easy to service and clean internal components.

COSMOS™, our innovative Comprehensive Service and Maintenance System, guarantees that you know where your machine is, and when it should be serviced.

Maintenance service kits give all the necessary parts for servicing in one convenient kit.

FuelXpert™ guarantees best in class fuel efficiency.

CSC certification makes it easily and legally transportable as container cargo.

Oiltronix™ guarantees that there is virtually no water in the compressed air system, and therefore ensuring a longer air-end life.

Door latches with locks and door safe-hooks for better security and to avoid inadvertent closure.

Pressure regulators positioned for easy access for adjusting.

Spillage free skid frame to protect the environment from inadvertent spills.

Centralized service drains for fast and easy drainage at service intervals.

Spark arrester prevents hot particles leaving the exhaust pipes in sensitive environments.

Air outlets on the two short sides of the container.

Storage space for parts and small tool equipment.

Overspeed protection / Intake shutdown prevents engine overrun.

