

ATEX 94/9/EC certified for Zone 2 hazardous area

# ZoneAir Compressors



## Model: ZoneAir XATS 1020



**As a world leader in innovation and compression technology, Atlas Copco sets the new standard in diesel driven Zone 2 compressors for the oil and gas industry.**

This portable compressor is built into a specially adapted DNV offshore container and includes the latest ATEX technologies for safe operation in hazardous area (Zone 2 / Class 1, Div. 2). As a long-term investment, the ZoneAir XATS 1020 provides low cost of ownership with simplified maintenance.

Designed with maximum safety in mind, this unique package provides energy efficient performance for well tests, gas flaring or maintenance jobs in offshore environments.

*Sustainable Productivity*

**Atlas Copco**

## Specifications

| Compressor*                               | ZoneAir XATS 1020                                      |
|---|--|
| Normal pressure (psi / bar)               | 150 / 10.3   |
| Actual free air delivery** (cfm / m3/min) | 1020 / 29  |
| Compressor oil capacity (gal / l)         | 21 / 80  |
| Engine oil capacity (gal / l)             | 9 / 34.1   |
| Fuel tank capacity (gal / l)              | 175 / 665  |
| Air outlet                                | 2"   |
| Ambient conditions (°F / °C)              | +14 to +122 / -10 to +50                               |
| Engine                                    | Cummins QSM 11 (Tier 3 Marpol)                         |
| Power (hp / kw)                           | 500 / 373 base power, de-rated to 380 / 283 for Zone 2 |
| Speed (nominal rpm)                       | 1800   |
| Speed (uploaded rpm)                      | 1200   |
| Overall dimensions, L x W x H (in / cm)   | 180 x 96 x 96 / 457 x 244 x 244                        |
| Weight dry estimated (lbs / kg)           | 21438 / 9724   |

\*ZoneAir compressors with other pressures and capacities can be offered upon request

\*\*according to ISO1217 ed.3 1996 annex D

## Features

- CE compliant
- Certified to ATEX 94/9/EC Group II Cat 3G
- DNV 2.7-1 certified crashframe
- Aftercooler and water separator with automatic drain
- Spillage free baseframe (110% bonded)
- 3 layer offshore paint (epoxy – polyurethane)
- Sound attenuated / Forklift slots / Internal lighting
- Wide service doors with stainless steel locks and latches
- Flame resistant antistatic fan belts / Stainless steel hardware
- Offshore coated coolers
- Marine cable transit point
- Cummins ATEX certified engine with water-cooled turbo charger
- Pyroban explosion protection kit, including 3GP gas detection system (replaces exhaust flame arrestors)
- Air starter with reservoir for multiple starts
- Recessed manual fuel cut-off valve
- External fuel tank connections
- Stainless steel fuel tank for 8 hours running
- Stainless steel braided fuel lines
- Additional fuel pre-filters with water separator
- ATEX control panel with all relevant warnings and shutdowns
- Intrinsic safe electrics
- 2 emergency stops on container
- Emergency platform shutdown (ESD)
- Horn and flashing lights activated at shutdown
- Central drains for ease of maintenance
- Complete service packs

