

■ Compressor ATEX 94/9/EC Group 2 Cat 3G (Zone 2)



**Introduction:**

Building on Calder's established knowledge of the design and production of packaged diesel solutions for offshore applications we now offer Zone II ATEX containerized compressors. The design allows for safe transportation, maintenance, and optional stacking of the units in offshore environments and full access for maintenance onshore.



• Stackable unit available as an option.

**Technical Specification:**

- Hazardous area ratings available:
  - ATEX 94/9/EC Group 2 Cat 3G
  - Gas Group IIA Temp class T3
  - Australian Zone 1 IECEx
  - Norsok Z-015
- Pyroban 3GP exhaust cooling system (no exhaust flame trap) available as option
- Noise attenuation – 89 dba at 1 meter
- Diesel engine – Volvo D7 195 kW at 2100 rpm
- Air end – Ingersoll Rand CF1809
- Container and slings – DNV 2.7.1 compliant - banded
- Air connections – 2" Anson x 2, ¾" claw x 2
- Pneumatic control system and starter
- Vortex air/oil separator
- Condensation separator
- Fire suppression system available as an option

# MultiAir 195-10-D-Z2-CS

INNOVATION THROUGH EXPERIENCE

**CALDER**  
A PG FLOW SOLUTIONS COMPANY



## Control System:

- Pneumatic control system
- Emergency stop
- Yellow alert key on/off capability
- Remote load/unload control

## First-up Alarms:

- Engine exhaust temperature
- Engine water temperature
- Engine oil pressure
- Engine overspeed
- Compressor temperature high
- Yellow alert
- Oil differential pressure
- Radiator level
- Air pressure high
- Compressor low oil pressure
- Vibration level high



- Discharge Connection  
2 off 2" Anson  
2 x 1/2" claw

## Flow

## Working Pressure

Performance	Flow		Working Pressure		
	CFM	m3/min	psig	barg	total capacity (litres)
MultiAir 195-10-D-Z2-CS	750	21.3	145	10	350

General Dimensions (mm)	length	width	height	wet weight (kg)
MultiAir 195-10-D-Z2-CS	3963	2438	2896	9200

## Standards & Specifications:

Calder pump packages can comply with most international standards and specifications including:  
**ATEX | IEC | GOST | EN | DNV | API | ANSI | PED | AS/NZ | NORSOK | NACE | CE | PED**

ISO 9001 Quality standard has been practised by Calder since 1987 with award of certification in 1999. Our rigorous application of this highly respected International Quality Standard has ensured that we consistently meet and exceed our customers' most demanding expectations for both quality and reliability.

ISO 14001 Environmental Standard has been held by Calder since 1999. Careful and judicious management of our working environment with the application of sound and well informed design applications utilising the latest and most efficient technologies helps us to produce equipment which minimises the environmental footprint of our production facility and the operating equipment in the field.

OHSAS 18001 We at Calder pride ourselves on our safety record. As members of the British Safety Council we practise the strictest safety procedures within our factory and working environments, applying rigorous risk assessments to all activities and equipment which we design and build.



Calder Ltd  
Prescott Drive  
Warndon  
Worcester  
WR4 9NE  
United Kingdom

web : [www.calderltd.com](http://www.calderltd.com)  
email : [sales@calder.co.uk](mailto:sales@calder.co.uk)  
tel : +44 (0) 1905 759090  
fax : +44 (0) 1905 759091