



Zone 2 Containerized 875CFM Compressor



Overview

The CPA 875 C ZII Containerized Zone II Air Compressor is a heavy-duty offshore air compressor designed for hazardous Zone II environments. The unit is fully containerized to DNV 2.7-1 lifting specification, IECEx approved, and engineered for offshore stacking operations with internal access between stacked units. Designed to minimize deck space while maximizing safety and operational efficiency.

Key Features

- Heavy duty, fully banded DNV 2.7-1 offshore container
- Designed for stacking with ISO twist lock system
- Internal personnel access when stacked
- Fully IECEx approved – Zone II compliant
- Pneumatic start and shutdown systems
- High ambient cooling package
- Easy-clean exhaust gas cooler system
- Compact footprint (3 units fit in 40ft container)
- High-capacity onboard fuel tank
- Electro / pneumatic ESD system



Performance Data

Parameter	Value
Flow	875 CFM (412 L/s)
Working Pressure	150 PSIG (10 bar g)
Fuel Tank Capacity	695 litres
Fuel Consumption	65 litres/hr
Full Load Running	10 hours
Ambient Operating Temp	-10°C to +45°C
Noise @ 1m	96.9 dBA
Vibration @ Full Load	0.87 mm/s
Cooling System	Water / Oil
Start System	Pneumatic
Safety System	Pneumatic
ESD System	Electro / Pneumatic

Compressor Specification

Parameter	Specification
Model	Ingersoll Rand 226mm
Type	Oil Flooded Screw
Output	875 CFM / 412 L/s
Max Operating Pressure	150 psi
Lubrication Oil Capacity	85 litres
Lubrication Oil Spec	Mineral – Dexron II ATF
Main compressor discharge	2 x 2" ball valves
Auxiliary discharge	2 x 3/4" ball valves
Air connection	1 x Minsup A

Lifting Specifications

Parameter	Value
Lifting Standard	DNV 2.7-1
Length	3990 mm
Width	2250 mm
Height	2210 mm
Dry Weight	8,200 kg
Operating Weight	10,000 kg