

# OFFSHORE

## 4 AND 5-STAGE HIGH PRESSURE BREATHING AIR COMPRESSORS

BAUER has been the world's leading manufacturer of high pressure compressors and integrated compression systems for offshore applications for over 70 years. We've worked for many years to evolve our compressors to meet the ever rising costs and increased safety requirements for offshore operations. BAUER understands that reliability and optimal performance are extremely critical for drilling operations.

- › **PRESSURE:**  
Up to 6000 PSIG (414 BAR)
- › **CHARGING RATE:**  
9.7 to 26.4 SCFM  
(275 to 748 L/MIN)
- › **POWER:**  
7.5 to 27 HP (5.6 to 20 kW)



› 026-D

## STANDARD SCOPE OF SUPPLY

- › BAUER breathing air purification system
- › TEFC motor
- › NEMA 4 rated electrical enclosure with **UL**® listed control panel
- › Compressor low oil pressure and high temperature safety shutdowns
- › Emergency stop push button
- › Automatic condensate drain system with non-corrosive condensate reservoir and integrated float switch and automatic “Full” indication and compressor shutdown
- › Gauge panel
- › Lifting lugs integral to unit frame
- › Inlet particulate filter and maintenance indicator
- › On/off switch and final air pressure switch
- › Powder coated aluminum frame and cabinet enclosure
- › 316 stainless steel tubing
- › Stainless steel fittings, fixtures and fastening devices

## AVAILABLE ACCESSORIES (FACTORY INSTALLED)

- › CO monitoring system
- › SECURUS - Electronic moisture monitoring for the purification system
- › H<sub>2</sub>S monitoring system with audible alarm
- › Integrated safari rack
- › Purification upgrades P5-P10

## SYSTEM FOOTPRINT

### DIMENSIONS L X W X H inches (mm)

- › 62.5” x 57.5” x 48.5” (1588mm x 1461mm x 1232mm)

### WEIGHT pounds (kg)

- › 1100 - 2100 lb (500 - 954 kg)

## DIESEL ENGINE DRIVEN MODELS

- › Closed loop water-cooled diesel
- › Electric clutch and speed control solenoid
- › Spark arrestor muffler
- › Anti-vibration mounts for engine
- › High pressure pipe fittings

## TECHNICAL DATA

Model	Charging Rate <sup>1</sup>		Number of Stages	Motor		FAD <sup>2</sup>	RPM	Purification System
	SCFM	L/MIN		HP	kW			
<b>5000 PSIG (345 BAR)</b>								
O20-D	21	595	4	27	20	17.5	1300	P5
O20-E3	21	595	4	15	11	17.5	1300	P5
O26-D	26.4	748	4	27	20	22	1350	P5
O26-E3	26.4	748	4	20	15	22	1350	P5
<b>6000 PSIG (414 BAR)</b>								
O13-D	13	368	4	18	13	10.8	1420	P2
O13-E3	13	368	4	10	7.5	10.8	1420	P2
O25-D	25.2	714	5	27	20	21	1300	P5
O25-E3	25.2	714	5	20	15	21	1300	P5

1) Based on recharging an 80 cubic foot tank from 500 to 3000 psig.

2) Compressor capacity referenced to standard inlet conditions.

D=Diesel engine driven. E3=Three phase electric, 208 / 230/460 VAC/60 Hz. Other voltages available on request. Dimensions and weight are approximate and are subject to change.

