

## VERTECON

### 3, 4 and 5-Stage High Pressure Breathing Air Compressors

- › **Pressure**  
up to 6000 psig  
up to 414 bar
- › **Charging Rate**  
5 to 26.4 scfm  
142 to 748 l/min
- › **Power**  
5 to 20 hp  
3.7 to 15 kW



**Introducing the VERTECON series of high pressure breathing air compressors from the world leader in safe, high pressure breathing air systems.**

Why buy dressed up old compressor and cabinetry technology? Buy BAUER and get the latest technological advancements. The VERTECON design is economical, space saving, and allows easy access for routine maintenance.

# Vertecon

## STANDARD SCOPE OF SUPPLY

- › BAUER breathing air purification system
- › Open vertical cabinet made of formed sheet and plate goods provides a firm foundation for all pressure bearing components
- › Modern cabinet design with unsurpassed maintenance accessibility. No hand tools are required for normal maintenance checks and fluid level confirmation.
- › BAUER PLC based controller with four line text display
- › Self adjusting drive belt tensioner
- › NEMA 4 rated electrical enclosure with **UL**® listed control panel
- › All wiring harnesses incorporated within a corrugated loom with number coding for easy system diagnosis
- › Emergency stop push button
- › .049 wall thickness stainless steel tubing throughout, no cheap plastic tubing
- › Rugged powder coat finish
- › Automatic condensate drain system (VTC05, VTC25 and VTC26 models)

## PLC controller

- › Compressor on / off, final pressure, oil pressure, high temperature shutdown
- › Supports automatic condensate drain system (ask for details)
- › Motor overload indication
- › Final separator counter with shutdown and operator indication

## AVAILABLE ACCESSORIES (factory installed)

- › Purification upgrade
- › CO monitor
- › SECURUS
- › Interstage pressure gauges (locally mounted)
- › Other accessories available on request

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

- › 44 x 33 x 54 (1118 x 838 x 1372)

## WEIGHT pounds (kg)

- › 630 - 1075 (286 - 488)

## 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>								
VTC06-E1/E3	6	170	3	5	3.7	5	1050	P0
VTC08-E1/E3	8.4	238	3	7.5	5.6	7	1250	P31
VTC20-E3	21	595	4	15	11	17.5	1300	P5
VTC26-E3	26.4	748	4	20	15	22	1350	P5
<b>6000 psig (414 bar)</b>								
VTC05-E1/E3	5	142	3	5	3.7	4	1050	P2 SECURUS
VTC10-E1/E3	9.7	275	4	7.5	5.6	8.1	1180	P2
VTC13-E1/E3	13	368	4	10	7.5	10.8	1420	P2
VTC18-E3	18	510	4	15	11	15	1325	P5
VTC25-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.

E1 = Single Phase Electric, 230 VAC/60 Hz. E3 = Three Phase Electric, 230/460 VAC/60 Hz. Other voltages available on request.

Dimensions and weight are approximate and are subject to change.