

**UNICUS® 4S****4 AND 5-STAGE ALL-IN-ONE  
HIGH PRESSURE BREATHING AIR COMPRESSORS**

A modern upgrade with the simplicity of analog controls; Aesthetically pleasing yet robust design found only in the UNICUS 4S All-In-One platform. The system is available in either 5000 or 6000 psig variant with discharge capacities ranging from 13 scfm charge rate to 26 scfm charge rate. Unsurpassed maintenance accessibility abounds as we have provided all access doors with Snap pin technology – pull the pin and lift the door, no hand tools are required. Should you require accessibility to the back of the operations panel, no problem, we have your back; our "tilt-out" design offer easy acces! All requisite panels are equipped with sound attenuated material. An integral rack built to accommodate four (4) storage cylinders id standard, along with the piping. Additionally, we provide two (2) ASME coded air storage cylinders as a part of the standard scope of supply. If you want to dress your unit up in concert with the Fire Department theme, ask about our Fire Edition package. When your department needs the best All-In-One compressor system on the market today and backed by our global network of service Partners look to BAUER.

EFFECTIVE: 01/01/21

**› PRESSURE:**Up to 6000 PSIG  
(414 BAR)**› CHARGING RATE:**13 to 42 SCFM  
(368 to 1190 L/MIN)**› POWER:**10 to 30 HP  
(7.5 to 22 kW)**UNICUS 4****FIRE EDITION**OPTIONAL FIRE EDITION PAINT SCHEME  
(SHOWN HERE)

## STANDARD SCOPE OF SUPPLY

- › BAUER breathing air purification system with B-SECURUS
- › BAUER PLC based controller with 7" color HMI touchscreen display
- › NEMA 4 rated electrical enclosure with **UL**® listed control panel
- › Compressor low oil pressure and high temperature safety shutdowns
- › Emergency stop push button
- › Hinged cascade fill control panel with Lexan laminate air flow/fill schematic
- › Audible alarm on safety shutdowns
- › Inlet filter maintenance indicator
- › Automatic condensate drain system with non-corrosive condensate reservoir and integrated float sensor and automatic "Full" indication and compressor shutdown
- › Two (2) ASME code stamped air cylinders installed in an integral rack designed to hold four cylinders
- › Sound attenuating enclosure with slam-action latches and lift-off type hinges
- › NFPA 1901 2016 edition compliant 3 position containment fill station accommodates SCBA or SCUBA cylinders up to 31" overall length

## AVAILABLE ACCESSORIES (FACTORY INSTALLED)

- › CO monitoring system
- › H<sub>2</sub>S monitoring system with audible alarm
- › 100 ft high pressure cabinet enclosed hose reel
- › Additional air storage cylinders
- › Panel mounted remote fill hose connection
- › Dual Fill/3 position
- › Tri Fill/3 position

## SYSTEM FOOTPRINT

### UN 4/13H-E1/E3-UN 4/26-E3:

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

- › 101" x 38" x 78" (2565mm x 965mm x 1981mm)

#### WEIGHT pounds (kg)

- › 4350 - 4550 lb (1973 - 2064 kg)

## 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>								
UN 4S/20-E3	21	595	4	15	11	17.5	1300	P5 B SECURUS
UN 4S/20-E3	26.4	748	4	20	15	22	1350	P5 B SECURUS
<b>6000 PSIG (414 BAR)</b>								
UN 4S/13H-E1	13	368	4	10	7.5	10.8	1420	P2 B SECURUS
UN 4S/13H-E3	13	368	4	10	7.5	10.8	1420	P2 B SECURUS
UN 4S/18H-E3	18	510	4	15	11	15	1325	P5 B SECURUS
UN 4S/25H-E3	25.2	714	5	20	15	21	1300	P5 B SECURUS

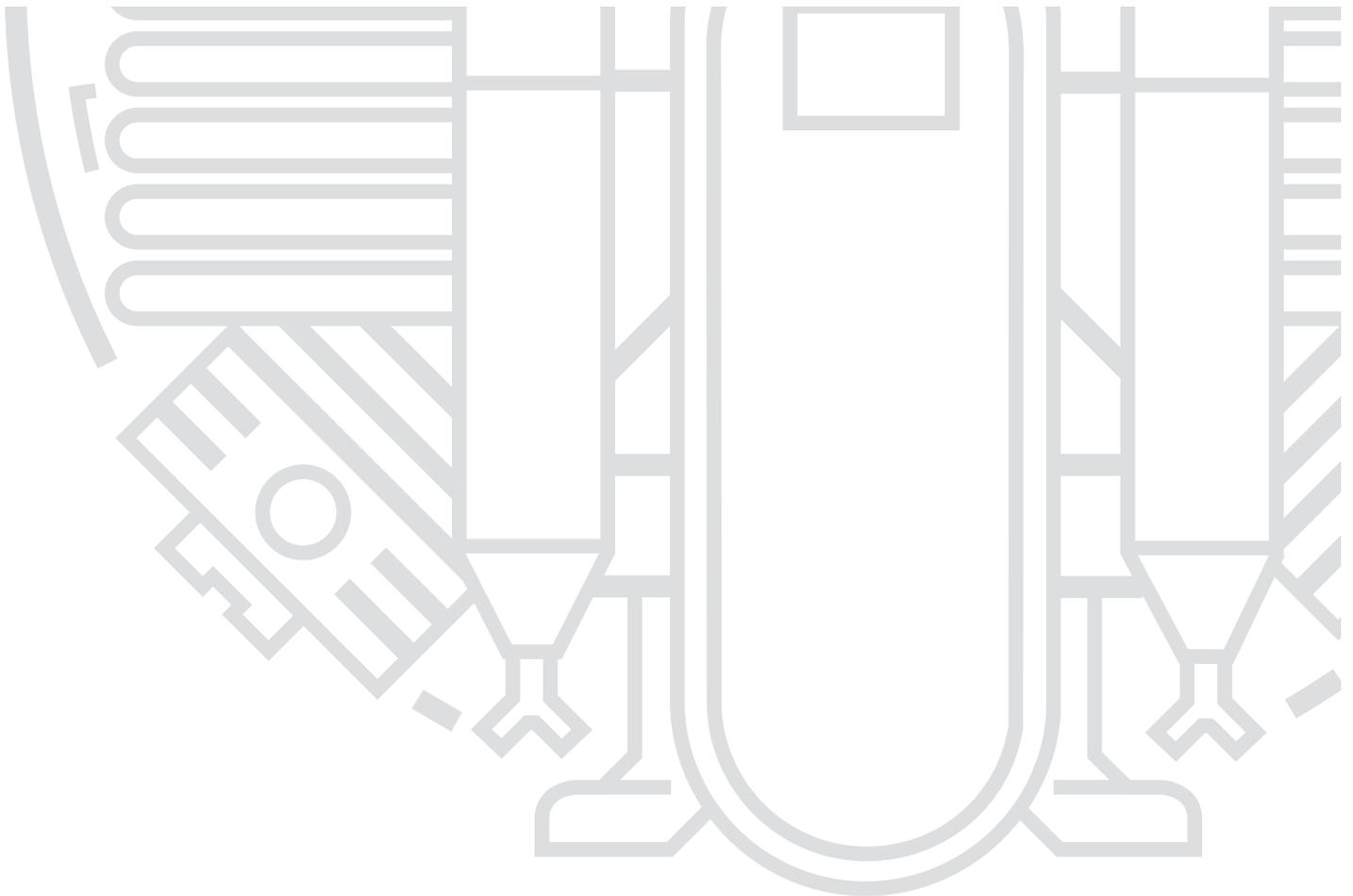
1) Based on recharging an 80 cubic foot tank from 500 to 3000 psig.

2) Compressor capacity referenced to standard inlet conditions.

E1=Single phase electric, 230 VAC/60 Hz. E3=Three phase electric, 208/230/460 VAC/60 Hz. Other voltages available on request. Dimensions and weight are approximate and are subject to change.

## OPTIONAL ACCESSORIES - UNICUS 4S

Item	Description	
0001	Electronic carbon monoxide monitor complete with calibration kit wired for alarm and shutdown. (calibration gas included)	GT/CO/III
0002	Each additional ASME 5000 PSIG cylinder with relief valve and mounting clamps	/CYL-9/5K
0003	Each additional ASME 6000 PSIG cylinder with relief	/CYL-9/6K
0004	Panel mounted remote fill hose connection. Includes bulkhead fitting, adjustable regulator for up to 6000 PSIG service, gauge, isolation valve and quick connect/disconnect fitting (hose no included)	/RF/REG
0005	UN4 remote fill hose connection including adjustable regulator for up to 6000 PSIG service, gauge and isolation valve connected to a cabinet enclosed hose reel with 100 feet of hose rated for 6000 PSIG service	UN4/RF/REL-9
0006	DUAL-FILL, high/low, quick connect fill system (specify fill pressures)	DUAL-FILL/3 position
0007	TRI-FILL, high/low/SCUBA, quick connect fill system (specify fill pressures)	TRI-FILL/3 position
0008	Fire Edition paint scheme	
0009	B-VIRUS FREE	



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