

VERTICUS™ PLUS

3 AND 4-STAGE MULTI-FUNCTIONAL HIGH PRESSURE BREATHING AIR COMPRESSORS

The same package amenities found in the VERTICUS high pressure breathing air compressor system, plus a free standing aesthetically pleasing Multi-functional fill station module are combined to create the BAUER VERTICUS PLUS. Bauer's performance proven CFS5.5-2S NFPA compliant containment fill station; two (2) bank dual function cascade controls; integral air storage rack with two (2) UN code air storage cylinders; 3-way selector valve to select either air from the compressor or on-board air storage system come together creating the ultimate fill station. Install the two (2) modules side by side as an All-In-One configuration or apart based on the installation site specifics. Flexibility is the key, look to BAUER to unlock the possibilities.

- › **PRESSURE:**
Up to 6000 PSIG (414 BAR)
- › **CHARGING RATE:**
5 to 13 SCFM
(142 to 368 L/MIN)
- › **POWER:**
5 to 10 HP (3.7 to 7.5 kW)



› VERTICUS PLUS

STANDARD SCOPE OF SUPPLY

- › BAUER breathing air purification system with SECURUS
- › BAUER PLC base controller with multicolor touchpad
- › NEMA 4 rated electrical enclosure with UL® listed control panel
- › Compressor low oil pressure and high temperature safety shutdowns
- › Emergency stop push button
- › Hinged fill control panel with Lexan laminate air flow/fill schematic
- › Priority refill system with storage bypass valve
- › Automatic condensate drain system with non-corrosive condensate reservoir and integrated float sensor and automatic “Full” indication and compressor shutdown
- › Two (2) UN code stamped air cylinders installed in an integral rack
- › Sound attenuating enclosure with slam-action latches and lift-off type hinges
- › NFPA 1901 2016 edition compliant 2 position containment fill station accommodates SCBA or SCUBA cylinders up to 31” overall length
- › Inter-stage pressure gauges

TECHNICAL DATA

Model	Charging Rate ¹		Number of Stages	Motor		FAD ²	RPM	Purification System	Price
	SCFM	L/MIN		HP	kW				
5000 PSIG (345 BAR)									
VT-P/8-E1	8.4	238	3	7.5	5.6	7	1250	P2 SECURUS	\$40,125
VT-P/8-E3	8.4	238	3	7.5	5.6	7	1250	P2 SECURUS	\$40,006
6000 PSIG (414 BAR)									
VT-P/5H-E1	5	142	3	5	3.7	4	1050	P2 SECURUS	\$41,515.00
VT-P/5H-E3	5	142	3	5	3.7	4	1050	P2 SECURUS	\$41,464.00
VT-P/10H-E1	9.7	275	4	7.5	5.6	8.1	1180	P2 SECURUS	\$45,586.00
VT-P/10H-E3	9.7	275	4	7.5	5.6	8.1	1180	P2 SECURUS	\$45,105.00
VT-P/13H-E1	13	368	4	10	7.5	10.8	1420	P2 SECURUS	\$46,736.00
VT-P/13H-E3	13	368	4	10	7.5	10.8	1420	P2 SECURUS	\$46,323.00

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. Dimensions and weight are approximate and are subject to change.

AVAILABLE ACCESSORIES
(FACTORY INSTALLED)

- › CO monitoring system
- › Regulated (adjustable) remote fill hose connection to include high pressure hose reel and 100 ft of 6000 PSIG rated high pressure hose
- › ASME air storage cylinders in lieu of standard UN bottles
- › Regulated (adjustable) panel mounted remote fill hose connection
- › Dual Fill/2 position
- › Tri Fill/2 position

SYSTEM FOOTPRINT

- DIMENSIONS L X W X H inches (mm)**
- › 72” x 34” x 70” (1830mm x 864mm x 1778mm)
- WEIGHT pounds (kg)**
- › 2300 - 2700 lb (1043 - 1225 kg)

OPTIONAL ACCESSORIES - VERTICUS PLUS

Item	Description	Part Number	Price
0001	Electronic carbon monoxide monitor complete with calibration kit wired for alarm and shutdown (calibration gas included)	MNR-29	\$3,665.00
0002	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 not included)	mU/RF/REG	\$1,462.00
0003	Wall mounted hose reel kit including adjustable regulator for up to 6000 psig service, inlet and regulated pressure gauges, isolation valve, spring loaded rewind reel and 50 feet of hose rated for 6000 psig service (Price does not include interconnecting piping)	HR/WALL MTS	\$3,010.00
0004	MINI-UNICUS remote fill hose connection including adjustable regulator for up to 6000 psig service, gauge and isolation valve connected to a cabinet mounted hose reel with 75 feet of hose rated for 6000 psig service	mU/RF/REL-9	\$3,358.00
0005	Safety relief valve for additional dedicated fill pressure (specify fill pressure)	/ADD FILL	\$251.00
0006	DUAL-FILL high/low, quick connect fill system (specify fill pressures)	DUAL-FILL/1 POSITION	\$516.00
0007	DUAL-FILL high/low, quick connect fill system (specify fill pressures)	DUAL-FILL/2 POSITION	\$925.00
0008	TRI-FILL high/low/SCUBA, quick connect fill system (specify fill pressures)	TRI-FILL/1 POSITION	\$787.00
0009	TRI-FILL, high/low/SCUBA, quick connect fill system (specify fill pressures)	TRI-FILL/2 POSITION	\$1,387.00
0010	Interstage pressure gauges (locally mounted, 3-stage)	/GAUGES/3 STG	\$204.00
0011	Interstage pressure gauges (locally mounted, 4-stage)	/GAUGES/4 STG	\$272.00
0012	ASME air storage cylinders in lieu of DOT	ASME/STORAGE	\$4,915.00