CFS5.5®

BAUER COMPRESSORS
Quality. Our DNA

CONTAINMENT FILL STATIONS FOR AIR AND OXYGEN

Choose from a complete line of containment fill stations suitable for SCBA or SCUBA cylinders. Whether you need a 3-, 2- or single-position fill station, be assured each model was proof tested by an independent lab to safely contain fragments of a ruptured 5500 psi 110 cu. ft. SCBA cylinder at maximum operating pressure in accordance with the 2016 Edition of NFPA 1901. Ask about our custom options to tailor a model to your specific requirements. On oxygen models, all components in O^2 streams are oxygen cleaned in compliance with A.S.T.M. standard G-93

EFFECTIVE: 01/01/21

› **FILL POSITIONS:**
- One, two, or three
- Mobile or Stationary

› **CUSTOM DESIGNED SYSTEM:**
- Dual function cascade controls (2 or 3 position)
- Top mounted panels
- Remote fill outlets

› CFS5.5-3S/DF/TM

› CFS5.5-2S

STANDARD SCOPE OF SUPPLY

- Complete with cylinder scuff guard, SCBA fill connection, fill hose and bleed valve
- Fill control panel with adjustable regulator, relief valve, manual control valve and pressure gauge for each fill position ("S" version only)
- CFS5.5 "M" versions designed for use with remote air CFS5.5 fill control panel
- Mounting base is standard on "S" version and optional on "M" version
- Convenient door handle actuation
- Bottom venting
- Reduced footprint

SYSTEM FOOTPRINT

CFS5.5-1S & OXY-1S:

DIMENSIONS L X W X H inches (mm)

- 18" x 21" x 55" (457mm x 533mm x 1397mm)

WEIGHT pounds (kg)

- 433 lb (196 kg)

CFS5.5-1M & OXY-1M:

DIMENSIONS L X W X H inches (mm)

- 18" x 21" x 39" (457mm x 533mm x 990mm)

WEIGHT pounds (kg)

- 360 lb (163 kg)

CFS5.5-2S:

DIMENSIONS L X W X H inches (mm)

- 30" x 21" x 57.25" (762mm x 533mm x 1454.15mm)

WEIGHT pounds (kg)

- 670 lb (304 kg)

CFS5.5-2M:

DIMENSIONS L X W X H inches (mm)

- 30" x 21" x 39" (762mm x 533mm x 990mm)

WEIGHT pounds (kg)

- 550 lb (249 kg)

CFS5.5-3S:

DIMENSIONS L X W X H inches (mm)

- 41" x 21" x 57.25" (1041mm x 533mm x 1454.15mm)

WEIGHT pounds (kg)

- 905 lb (411 kg)

CFS5.5-3M:

DIMENSIONS L X W X H inches (mm)

- 41" x 21" x 39" (1041mm x 533mm x 990mm)

WEIGHT pounds (kg)

- 740 lb (336 kg)

*All components in Oxygen stream are Oxygen cleaned in compliance with A.S.T.M. Standard G-93. Dimensions and weight are approximate and are subject to change. Images shown with additional accessories.

TECHNICAL DATA

Model	Description
CFS5.5-1S	Single position CFS equipped with inlet pressure gauge adjustable regulator, regulated pressure gauge, fill control valve and fill pressure gauge
CFS5.5-1M	Containment fill station designed to be used in conjunction with a BAUER or other fill control panel supplied separately, as no fill controls are provided
CFS5.5-2S	Two position CFS equipped with inlet pressure gauge adjustable regulator, regulated pressure gauge, fill control valve and fill pressure gauges
CFS5.5-2M	Two position CFS designed to be used in conjunction with a BAUER or other fill control panel supplied separately, as no fill controls are provided
CFS5.5-3S	Three position CFS equipped with inlet pressure gauge adjustable regulator, regulated pressure gauge, fill control valve and fill pressure gauges
CFS5.5-3M	Three position CFS designed to be used in conjunction with a BAUER or other fill control panel supplied separately, as no fill controls are provided
SYSTEM A UPGRADES	
CFS5.5/2S PACKAGES	CFS5.5-2S standard scope of supply and including the following additions: Dual function, top mount, four bank cascade panel. The dual function feature offers the ability to refill a storage bank, even with the bank valve closed, while filling SCBA's from another bank. The system also includes an air direction valve allowing the operator to select "filling from storage" or "filling direct from the compressor." Additionally the scope includes a remote fill hose connection including bulkhead fitting, adjustable regulator (for up to 6000 psig service), gauge, isolation valve, and quick connect/disconnect.
CFS5.5/3S PACKAGES	CFS5.5-3S standard scope of supply and including the following additions: Dual function, top mount, four bank cascade panel. The dual function feature offers the ability to refill a storage bank, even with the bank valve closed, while filling SCBA's from another bank. The system also includes an air direction valve allowing the operator to select "filling from storage" or "filling direct from the compressor." Additionally the scope includes a remote fill hose connection including bulkhead fitting, adjustable regulator (for up to 6000 psig service), gauge, isolation valve, and quick connect/disconnect.

Model	Description
SYSTEM B UPGRADES	
CFS5.5/2S PACKAGES	In addition to the items incorproated with Package A add a Refill Port with quick connect/disconnect and valve for up to 6000 PSIG service.
CFS5.5/3S PACKAGES	In addition to the items incorproated with Package A add a Refill Port with quick connect/disconnect and valve for up to 6000 PSIG service.
FILL OPTIONS (FACTORY INSTALLED)	
TRI-FILL/1 position	TRI-FILL, high/low/SCUBA, quick connect fill station+ CFS5.5-1 ONLY
TRI-FILL/2 position	TRI-FILL, high/low/SCUBA, quick connect fill station+ CFS5.5-2 ONLY
TRI-FILL/3 position	TRI-FILL, high/low/SCUBA, quick connect fill station+ CFS5.5-3 ONLY
DUAL-FILL/1 position	DUAL-FILL, high/low, quick connect fill station+ CFS5.5-1 ONLY
DUAL-FILL/2 position	DUAL-FILL, high/low, quick connect fill station+ CFS5.5-2 ONLY
DUAL-FILL/3 position	DUAL-FILL, high/low, quick connect fill station+ CFS5.5-3 ONLY

*per position **CFS5.5-2S and CFS5.5-3 only +specify fill pressure Specify at time of order whether flush or angled panel.

OXYGEN FILL STATION

Model	Description
OXY-1S	Single position fill station with inlet pressure gauge, fill control valve and fill pressure gauge
OXY-1M	Single position containment fill station designed to be used in conjunction with existing fill control panel
OXY-2S	Two position fill station with inlet pressure gauge, fill control valves and fill pressure gauges
OXY-2M	Two position containment fill station designed to be used in conjunction with existing fill control panel

*available for factory installation at time of order or field retrofit

FILL PANELS

Model	Description
BFP-2	Basic fill panel with two (2) fill positions
BFP-4	Basic fill panel with four (4) fill positions
OPTIONAL SINGLE FUNCTION CASCADE EQUIPMENT FOR BFP*	
/CASCADE/2	Includes all necessary fittings, bank gauges, bank control valves, and 1/4" NPT female inlet connectios for two cascade banks*
/CASCADE/3	Includes all necessary fittings, bank gauges, bank control valves, and 1/4" NPT female inlet connections for three cascade banks*
/CASCADE/4	Includes all necessary fittings, bank gauges, bank control valves, and 1/4" NPT female inlet connections for four cascade banks*
ADDITIONAL OPTIONAL EQUIPMENT FOR BFP	
/DOT MTS	Includes two pieces of unistrut and four clamps to facilitate mounting the BFP on DOT cylinders
/ASME MTS	Includes two pieces of unistrut and four clamps to facilitate mounting the BFP on ASME cylinders

*available for factory installation at time of order or field retrofit

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