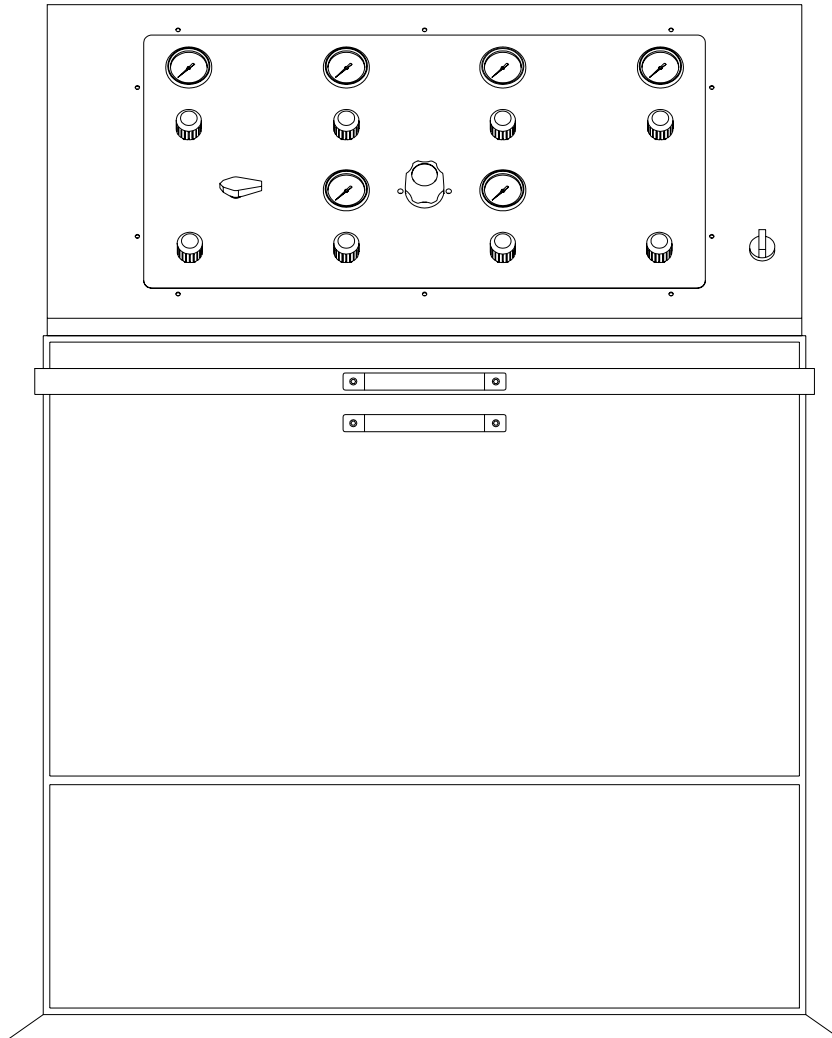


Model
FCFS-44CP3

Manual No. FILLPAN58
(Rev 0 JAN 2011)



Operating Manual



AIRSYSTEMS INTERNATIONAL, INC.

829 Juniper Crescent, Chesapeake, Va., 23320

Telephone (757) 424-3967

Toll Free 1-800-866-8100

Fax No. (757) 424-5348

<http://www.airsystems.com>

e-mail: sales@airsystems.com

SPECIFICATIONS

Inlet Connections:	1/4 male JIC, 6000psi max
Pressuer Gauges:	0-7500psi glycerin filled
Fill Regulator:	6000psi maximum inlet 5000psi maximum outlet
Flexible Whip:	1/4 I.D. thermoplastic hose 5000psi rated with 4:1 safety factor
CGA Connection:	CGA-347 handtight

SETUP/STORAGE FILLING

STEP 1)

Connect supply whips from back of panel to cylinder valves. If a fill compressor is to be used in the system, connect compressor outlet to fill compressor inlet, 1/4" male JIC located on rear of panel.

STEP 2)

Close cylinder bank on/off valves.

STEP 3)

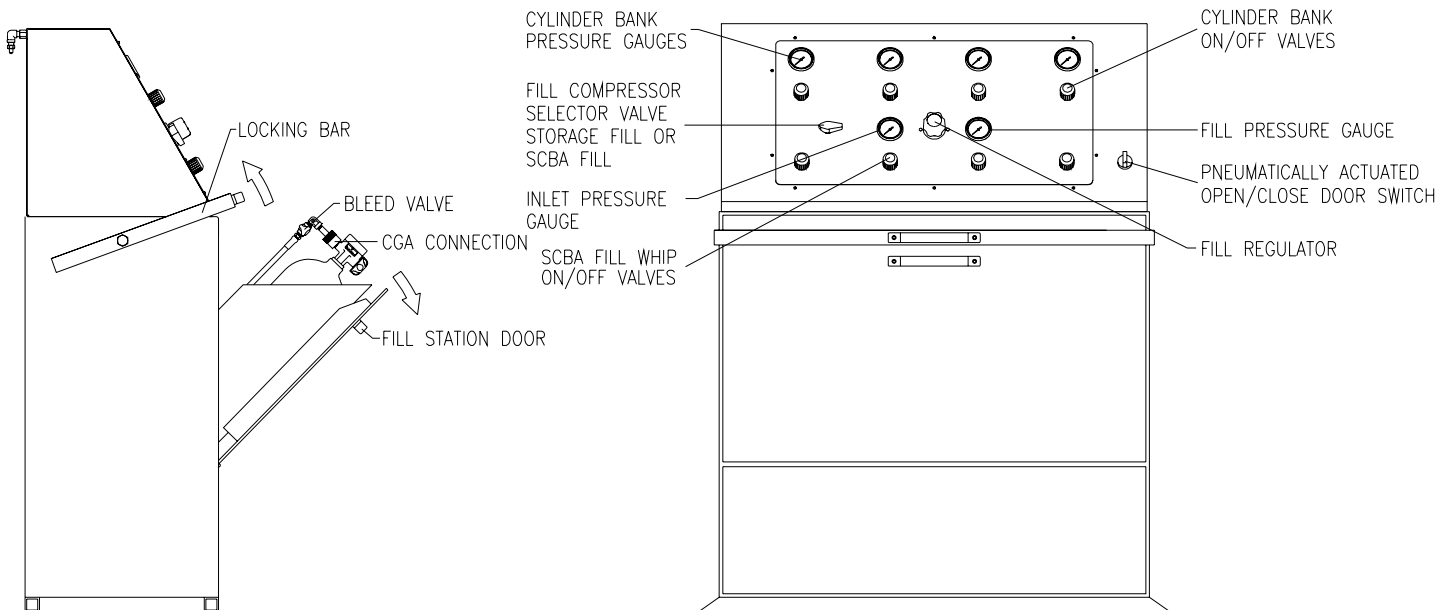
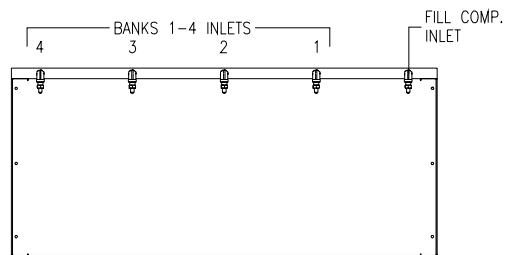
Start compressor.

STEP 4)

Index the selector valve so handle points toward Storage Fill.

STEP 5)

When maximum pressure is reached, index the selector valve so handle points to "off". Turn off fill compressor .



STEP 1)

BOTTLE FILLING

Turn the door switch to the open position. Attach and tighten the fill whip to the empty cylinder.

STEP 2)

Close the SCBA fill whip ON/OFF valve by turning knob clockwise.

STEP 3)

Close the fill whip bleeder valve by turning knob clockwise.

STEP 4)

Open the empty cylinder valve.

STEP 5)

Turn the door switch to the closed position.

STEP 6)

Open the desired bank of supply air and note the bank pressure gauge.

STEP 7)

Adjust the high pressure fill regulator (clockwise to increase, counterclockwise to decrease) to obtain the require fill pressure. Note the fill pressure on the high pressure fill gauge.

STEP 8)

Open fill port ON/OFF valve located above the cylinder to be filled.

STEP 8)

Open the empty cylinder valve.

STEP 9)

Open the SCBA fill whip ON/OFF valve slowly to begin filling. *Note: System is capable of bulk or cascade fill.*

STEP 10)

After filling is complete, close the SCBA fill whip ON/OFF valve.

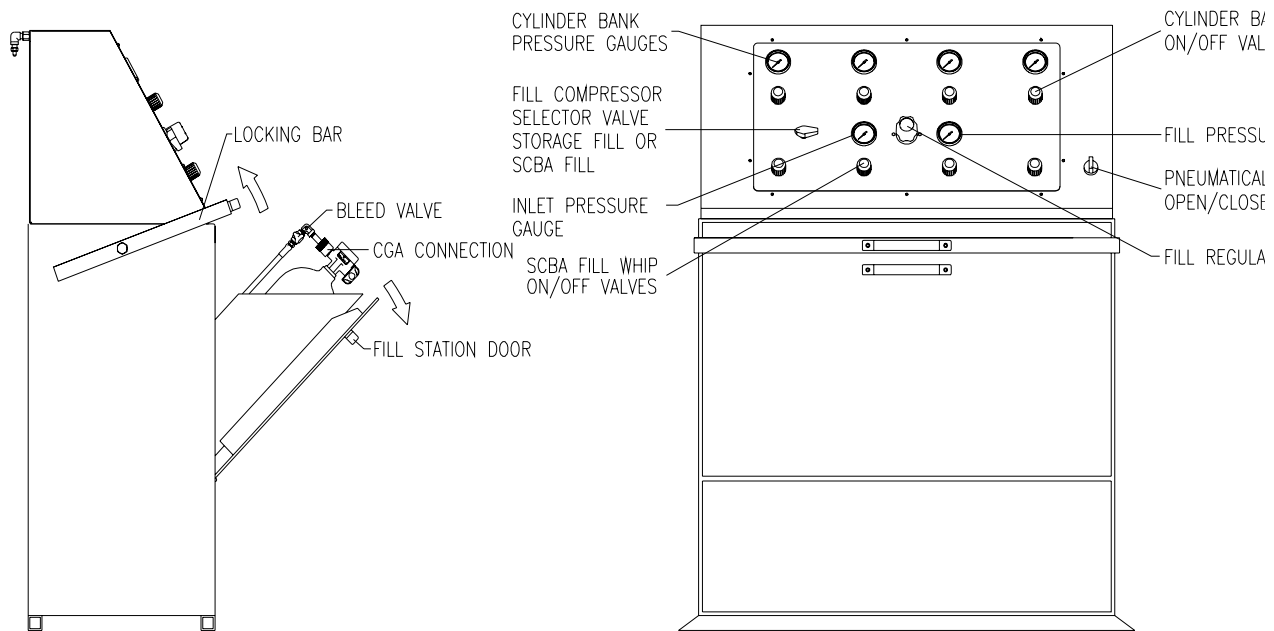
Note: If storage cylinders are low in pressure and can not finish filling the SCBA's in the fill station, start the fill compressor. Index selector valve to "SCBA FILL" and finish filling the SCBA's. When complete, index the selector valve to "STORAGE FILL" to refill the storage cylinders.

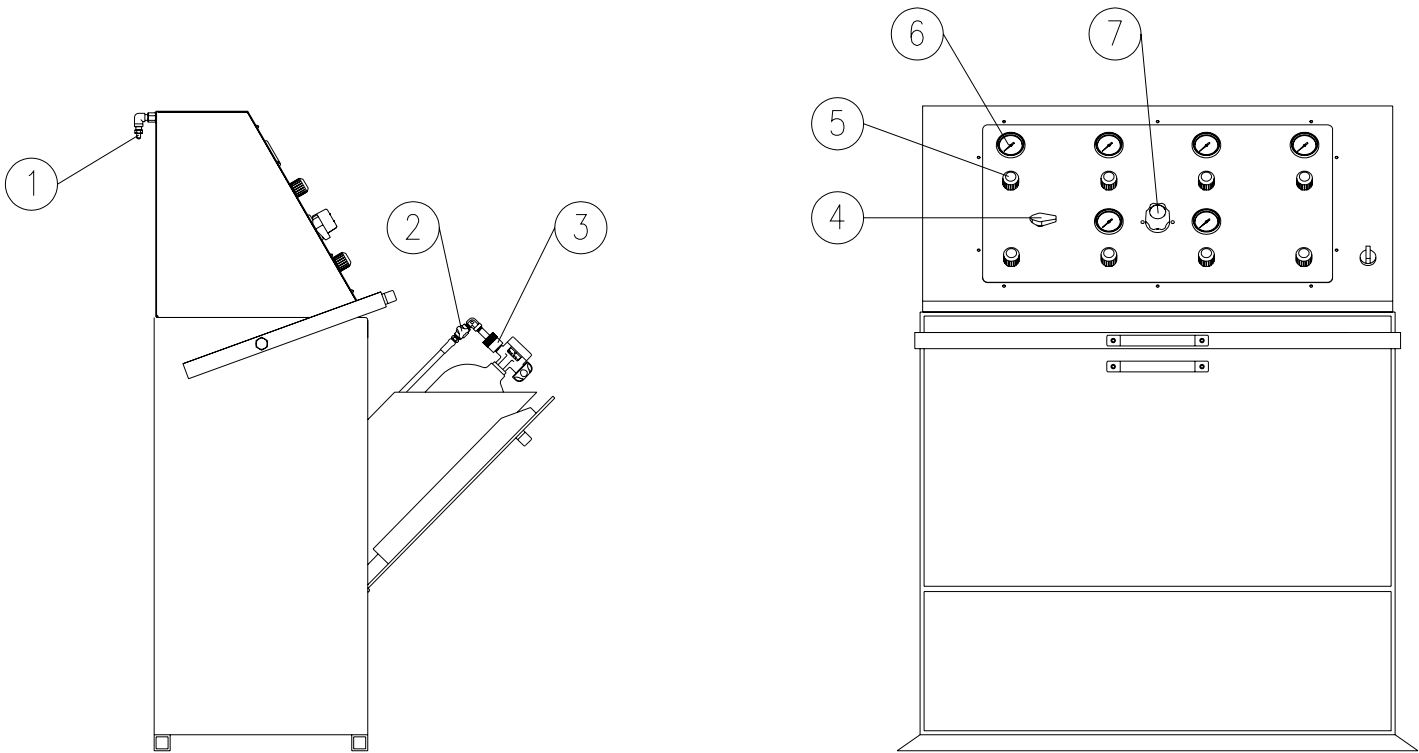
STEP 11)

Turn the door switch to the open position.

STEP 12)

Open the bleeder valve. Remove CGA connection.





ITEM #	DESCRIPTION	PART #
1	INLET FITTING, 1/4" MALE JIC	PHA001
2	BLEED VALVE	VAL030
3	CGA-347 HAND-TIGHT	SS347SNHT
4	3-WAY SELECTOR VALVE	VAL153
5	PANEL MOUNT ON/OFF VALVE	VAL025
6	0-7500 PSI PRESSURE GAUGE	GA257KPSS
7	FILL REGULATOR	REG001

Warranty Disclaimer

Air Systems' manufactured equipment is warranted to the original user against defects in workmanship or materials under normal use for one year after date of purchase. Any part which is determined by Air Systems to be defective in material or workmanship will be, as the exclusive remedy, repaired or replaced at Air Systems' option. This warranty does not apply to electrical systems or electronic components. Electrical parts are warranted, to the original user, for 90 days from the date of sale. During the warranty period, electrical components will be repaired or replaced at Air Systems' option.

NO OTHER WARRANTY, EXPRESSED OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ANY OTHER MATTER IS GIVEN BY AIR SYSTEMS IN CONNECTION HEREWITH. UNDER NO CIRCUMSTANCES SHALL THE SELLER BE LIABLE FOR LOSS OF PROFITS, ANY OTHER DIRECT OR INDIRECT COSTS, EXPENSES, LOSSES OR DAMAGES ARISING OUT OF DEFECTS IN, OR FAILURE OF THE PRODUCT OR ANY PART THEREOF.

The purchaser shall be solely responsible for compliance with all applicable Federal, State and Local OSHA and/or MSHA requirements. Although Air Systems International believes that its products, if operated and maintained as shipped from the factory and in accordance with our "operations manual", conform to OSHA and/or MSHA requirements, there are no implied or expressed warranties of such compliance extending beyond the limited warranty described herein. Product designs and specifications are subject to change without notice. **Rev 2 12/98**

Air leaks are not covered under warranty except when they result from a defective system component, i.e. an on/off valve or regulator or upon initial delivery due to poor workmanship. Air leaks due to poor delivery or damage will be covered under delivery claims. Minor air leaks are part of routine service and maintenance and are the responsibility of the customer just as are filters and oil changes.