



OWNERS MANUAL - INSTALLATION INSTRUCTIONS

AIR VOLUME CONTROL KIT

This accessory kit has been designed for use on Flexcon FLU/FLS Series tanks only. Please read and understand completely these instructions as well as the instructions included with the tank before attempting installation or service of the product. Retain this manual for future reference. Please pay particular attention to safety warnings on the product and throughout this manual.



WARNING

THIS IS A SAFETY ALERT SYMBOL. IT IS USED TO ALERT YOU TO POTENTIAL PERSONAL INJURY AND PROPERTY DAMAGE. REVIEW ALL GENERAL SAFETY AND PRODUCT INFORMATION PRIOR TO INSTALLATION.

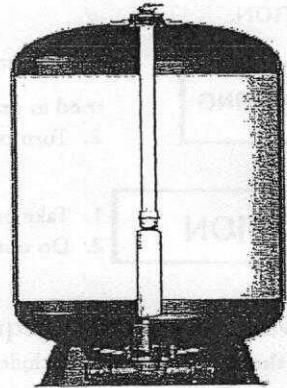


WARNING

1. FLS/FLU Series tanks are not designed to withstand vacuum. You must install a properly sized vacuum breaker valve if the possibility of vacuum exists in the system.
2. Turn off all electrical power to the pump and control system before working on this tank.

CAUTION

1. Take proper caution to prevent overheating of plastic fittings and parts during assembly.
2. Do not use excessive glue which could cause vent holes and openings to become plugged.



The following materials are required for proper installation;

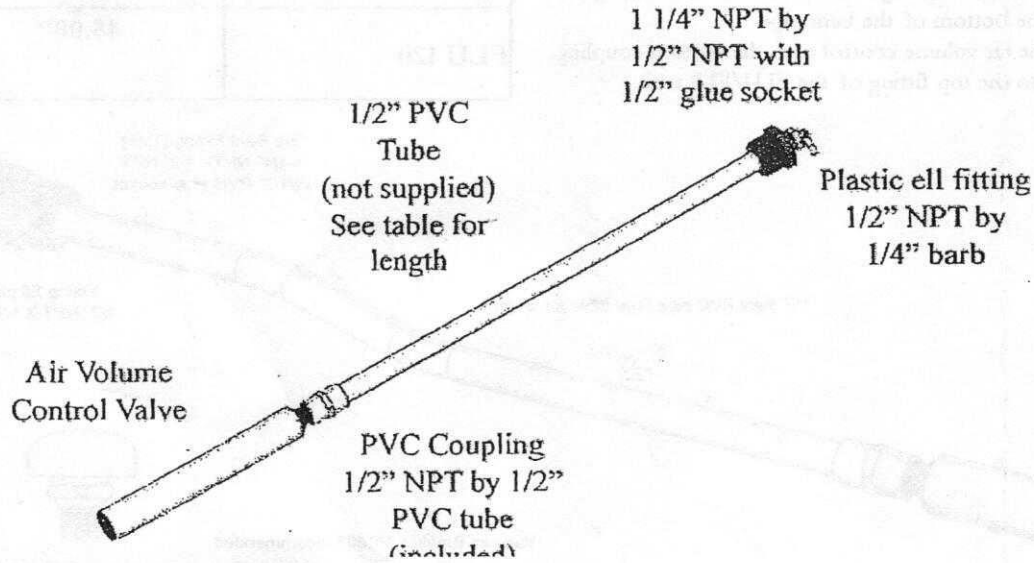
- AVC Kit to include, air volume control, top vent fitting with adaptor, coupling.
- 1/2" pvc pipe cut to proper length (see table)
- PVC cleaner and glue
- Teflon tape

Assembly Instructions

Note: When using pvc cleaner and glue, please follow manufacturer's recommendations for use and proper ventilation.

1. Cut 1/2" pvc pipe to length ensuring that the cuts are straight and free of burrs.
2. Glue the pipe to the top fitting adaptor and the coupling.
3. Using teflon tape, thread the air volume control onto the bottom coupling.
4. Insert finished assembly into the top fitting of the FLU/FLS tank.

Tank Model	Pipe Length
FLU30	22.75"
FLU 40/FLS 40D	31.50"
FLU 40 SQ	14.75"
FLU 80/FLS 80D	42.00"
FLU 120/FLS 120D	45.00"



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OWNERS MANUAL - INSTALLATION INSTRUCTIONS

AIR VOLUME CONTROL KIT AVCSP

This accessory kit has been designed for use on Flexcon FLU Series tanks only. Please read and understand completely these instructions as well as the instructions included with the tank before attempting installation or service of the product. Retain this manual for future reference. Please pay particular attention to safety warnings on the product and throughout this manual. This can be used in conjunction with a SPA kit, as the bent tube will prevent interference with the stand pipe.



WARNING

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WARNING

1. FLS/FLU Series tanks are not designed to withstand a vacuum. A vacuum breaker, VR 801, should be used in order to prevent damage to the tank.
2. Turn off all electrical power to the pump and control system before working on this tank.

CAUTION

1. Take proper caution to prevent overheating of plastic fittings and parts during assembly.
2. Do not use excessive glue which could cause vent holes and openings to become plugged.

The following materials are required for proper installation;

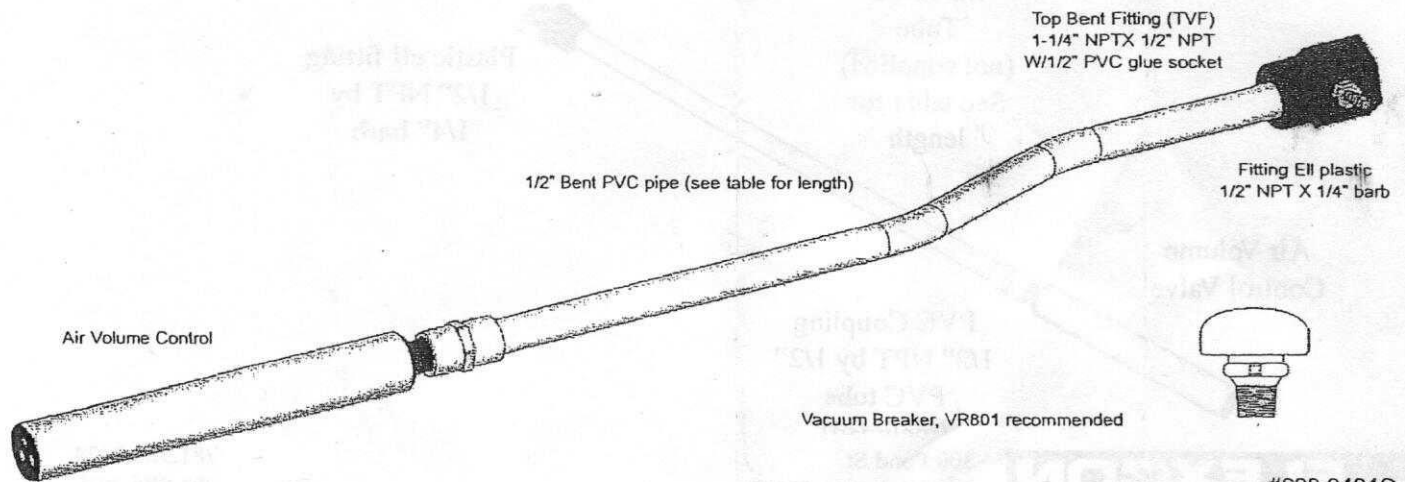
- AVCSP are already assembled to include, air volume control, top vent fitting with adapter, coupling;
- 1/2" pvc pipe cut to proper length (see table)
- PVC cleaner and glue (not necessary unless you cut the AVCSP-120 down to a smaller size.)
- Teflon tape

Assembly Instructions

Note: When using pvc cleaner and glue, please follow manufacturer's recommendations for use and proper ventilation.

1. Apply teflon tape to the top fitting and insert AVC assembly into the top of the FLU/H2PLU tank.
2. If you are cutting an AVCSP-120 down, remove the air volume control and cut so that the pipe is the recommended length for the tank you are using.
3. Glue the 1/2" adapter to the bottom of the bent pipe
4. Using teflon tape, thread the air volume control onto the bottom coupling.
5. Insert finished assembly into the top fitting of the FLU/FLS tank.

Tank Model	Pipe Length
FLU30	22.75"
FLU 40	31.50"
FLU 40 SQ	14.75"
FLU 80	42.00"
FLU 120	45.00"



Top Bent Fitting (TVF)
1-1/4" NPTX 1/2" NPT
W/1/2" PVC glue socket

1/2" Bent PVC pipe (see table for length)

Fitting EII plastic
1/2" NPT X 1/4" barb

Air Volume Control

Vacuum Breaker, VR801 recommended

