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Q-VAC™ 100

Installation Instructions

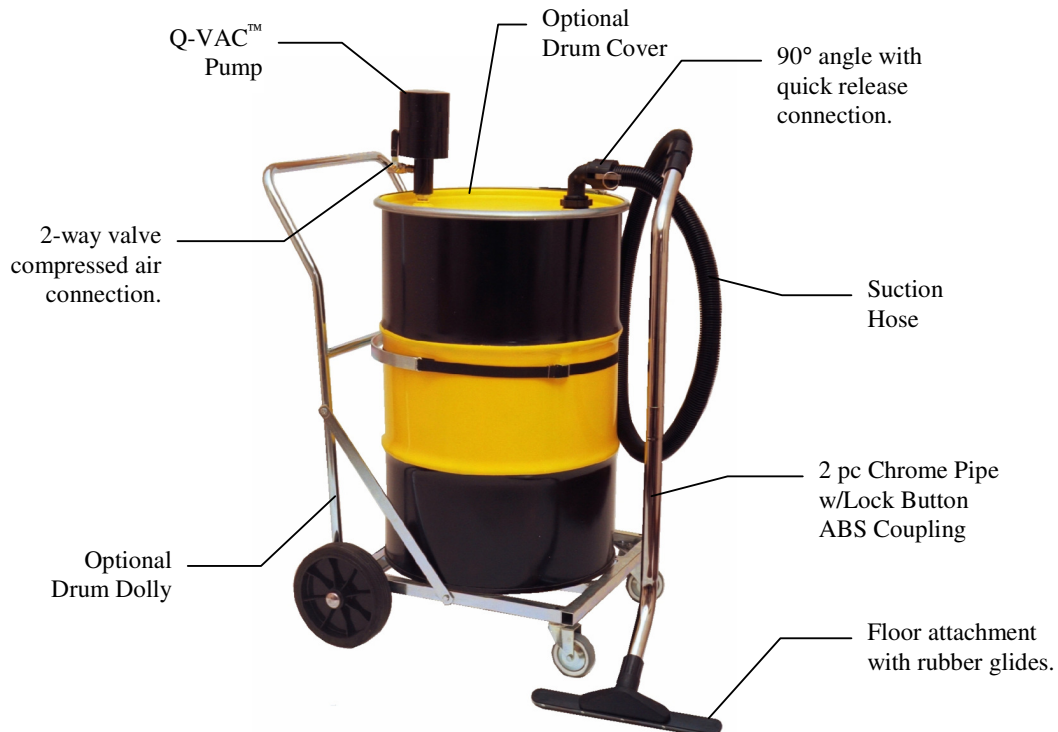
The Q-VAC™ 100 Pump is a wet suction unit intended for suction of non-dusting industrial waste and is mounted directly on a standard barrel (bung barrel or ring lock barrel in cold-rolled or stainless steel plate, volume 55, 30 or 16 gallons). It is important that the barrel used is in good condition. To eliminate the risk of the barrel being sucked in by the vacuum created, the barrel must not be damaged in any way.

THE Q-VAC™ 100 PUMP IS EASY TO INSTALL,

- Step 1. Before mounting, unscrew the ¾" and 2" plugs from the barrel.
 - Step 2. Mount the Q-VAC™ Pump in the ¾" hole. (Teflon tape not required)
 - Step 3. Mount the 90° angle with the quick release connection in the 2" hole. (Teflon tape not required)
 - Step 4. Connect suction hose with quick release coupling to the 90° angle with quick release.
 - Step 5. Insert the opposite end of the suction hose onto the top part (female end) of the bent chrome metal handle.
 - Step 6. Connect the two straight metal handles together and insert over the male end of the bent chrome metal handle.
 - Step 7. Attach the floor attachment onto the bottom part of the bottom straight chrome metal handle.
 - Step 8. Connect compressed air line to the 2-way valve on the Q-VAC™ Pump.
If the hose for compressed air is shorter than 13 ft, use hose with an internal diameter of ½".
If the hose is 13 ft - max 33 ft, use a hose with an internal diameter of ¾".
Connect to a filter with regulator. **NOTE: Always use oil free, filtered compressed air.**
 - Step 9. Open the 2-way valve on the Q-VAC™ Pump, and it is ready for use.
- Note: When replacing barrel, always check that the overflow float ball in to Q-VAC pump moves freely.

WARNING!

**THE STANDARD Q-VAC™ PUMP IS TO BE USED WITH NON-FLAMMABLE LIQUIDS ONLY.
IF FLAMMABLE LIQUIDS ARE INVOLVED, CONTACT AN ABANAKI REPRESENTATIVE.**



Troubleshooting	Cause/Action
Very poor or no suction.	<ol style="list-style-type: none"> 1. Check that the correct amount of compressed air is reaching the Q-VAC™ pump. 2. The compressed air line has to small of an internal diameter, or is to long. 3. Check that nothing has been caught in the floor attachment, suction pipe, suction hose or the 90° bend in the quick release.
The barrel collapses in when Q-VAC™ pump runs.	<ol style="list-style-type: none"> 1. Check that nothing has been caught in the floor attachment, suction pipe, suction hose or the 90° bend in the quick release. 2. Check that the barrel has not been damaged or has lost its cylindrical form.
Large amounts of fluid splashes out from under the silence hood of the Q-VAC™ pump.	<ol style="list-style-type: none"> 1. The container is full. 2. The float in the Q-VAC™ pump is damaged or needs cleaning.

Standard Parts	
Part Name	Part Number
Venturi Pump	PQV-A
90° Drum Connection w/Quick Release	PQV-B PQV-C
Flexible 6.5' Lg. Suction Hose	PQV-E
2 pc Chrome Pipe w/Lock Button ABS Coupling	PQV-G
Crevice Tool	PQV-F
Floor Attachment w/Rubber Glides	PQV-D

Optional Parts	
Part Name	Part Number
55 Gallon Drum Cover	PQV-I
55 Gallon Drum	PQV-N
Drum Girdle	PQV-P
Drum Dolly	PQV-Q
90° Brass Drum Connection w/Quick Release (Explosion Proof)	PQVX-B PQVX-C
Explosion Proof Flexible 6.5' Lg. Suction Hose	PQVX-E
Explosion Proof Floor Attachment w/Rubber Glides	PQVX-D
Metal Handle for Explosion Proof Floor Attachment	PQVX-G

The Q-VAC™ Pump normally requires no maintenance since it has no moving parts. For cleaning, use a detergent that does not attack plastics or metal.