

TECHNICAL NOTE

STANDPIPE-PAC™ - QUARTERLY MAINTENANCE

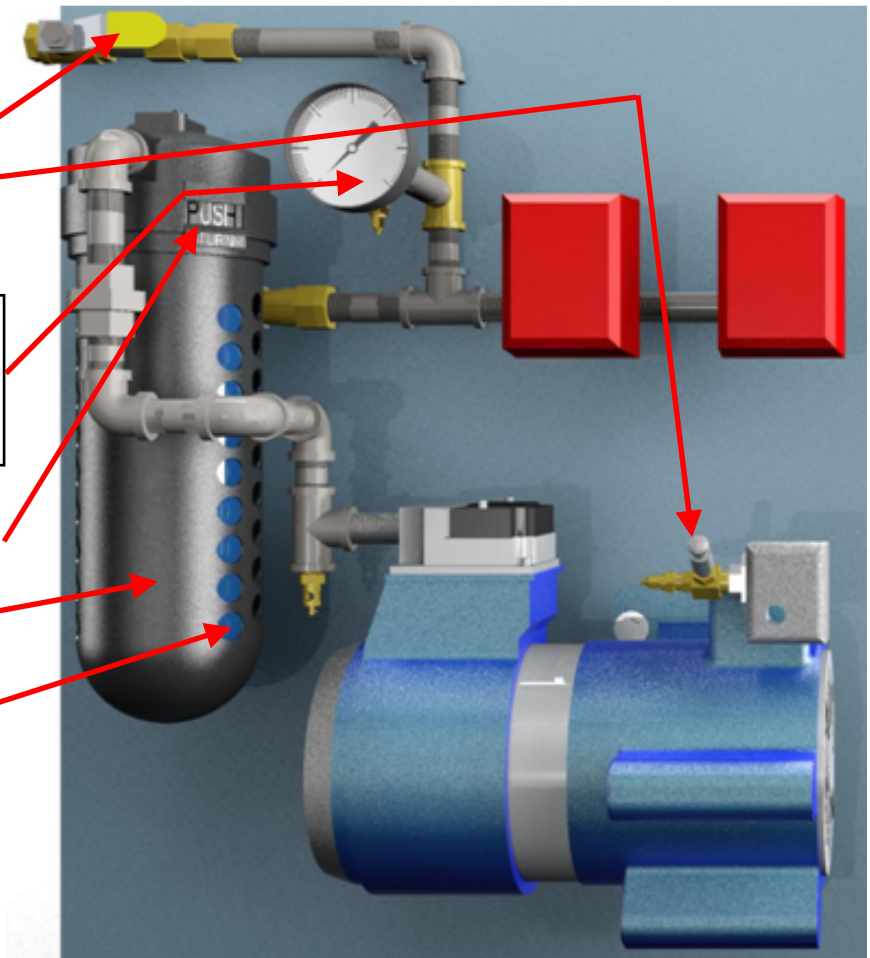
This Technical Note is intended for trained fire equipment distributor personnel. It describes how to do the two recommended quarterly maintenance procedures for STANDPIPE-PAC™ units.

REPLACING AIR DRYER DESICCANT

1. Have Qty. (1) UFS P/N 21-100000-100 Replacement Desiccant available.
2. Notify local personnel that signals will be heard / seen during maintenance.
3. If dialer is connected to telephone line, notify receiving office that signals will be transmitted during maintenance.
4. Close lockable shutoff valve on outlet of STANDPIPE-PAC.
5. Move compressor disconnect switch to OFF.
6. De-pressurize STANDPIPE-PAC piping by operating Test / Service Device. Hold until pressure gage indicates ZERO.
7. Silence audible signal by opening door of control unit and operating Acknowledge-Silence button. Hold for 2 seconds until audible signal silences.

CAUTION
DO NOT turn connecting ring on desiccant air dryer unless pressure gage indicates ZERO. Failure to do so can result in personal injury and property damage.

8. Locate desiccant air dryer on STANDPIPE-PAC. Locate tab marked PUSH on connecting ring holding aluminum bowl in place (tab orientation may not be immediately visible).
9. Depress tab marked PUSH and turn connecting ring to release aluminum bowl and glass liner.
10. Detach aluminum bowl from assembly.
11. Remove and discard the desiccant beads in the bowl.
12. Fill glass liner with new desiccant beads to approximately the same level. Use Qty. (2) UFS P/N 04-140000-001.
13. Carefully align and insert desiccant bowl back into assembly until it is flush against air dryer cap.
14. Depress tab marked PUSH, and turn connecting ring until connection is re-established.
15. Release tab and ensure that aluminum bowl is secure.
16. Move compressor disconnect switch to ON. Compressor should start and pressure gage should begin to indicate.
17. When pressure gage reads approximately 18 PSIG, compressor should stop.
18. Check for leaks at air dryer connecting ring.
19. Open lockable shutoff valve on outlet of STANDPIPE-PAC.
20. Notify local personnel (and receiving office, if phone line is connected) that maintenance is complete.



When quarterly maintenance is complete, sign and date the Quarterly Maintenance Tag. Enter date when next quarterly maintenance is due.

UNITED FIRE SYSTEMS

Division of United Fire Protection Corporation

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This literature is provided for informational purposes only. United Fire Protection Corporation assumes no responsibility for the product's suitability for a particular application. The product must be properly applied to perform as intended.

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REPLACING AIR COMPRESSOR FILTER

1. Have the correct Replacement Filter Kit available – see table below.

REPLACEMENT FILTER KITS		
COLOR OF COMPRESSOR BODY	COMPRESSOR HP	P/N OF REPLACEMENT FILTER KIT
LIGHT BLUE	1/6	00-100005-551
	1/3	
	1/2	00-100005-552
	3/4	
DARK BLUE	1/6	00-100005-553
	1/3	
	1/2	
	3/4	

**UNITS REQUIRING KIT
00-100005-551
OR
00-100005-552**

1. Move compressor disconnect switch to OFF.
2. Remove existing filter by un-threading filter housing at compressor inlet.
3. Discard existing filter.
4. Thread new filter into compressor inlet. Do not over-tighten.
5. Move compressor disconnect switch to ON.

**UNITS REQUIRING KIT
00-100005-553**

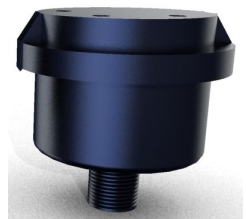
1. Move compressor disconnect switch to OFF.
2. Use 5/32" hex key to remove (2) hex screws holding black filter housing in place.
3. Remove filter housing.
4. Remove and discard existing foam filter element.
5. Replace with new foam filter element.
6. Replace black filter housing.
7. Secure filter housing with (2) hex screws using 5/32" hex key to tighten. Do not over-tighten.
8. Move compressor disconnect switch to ON.

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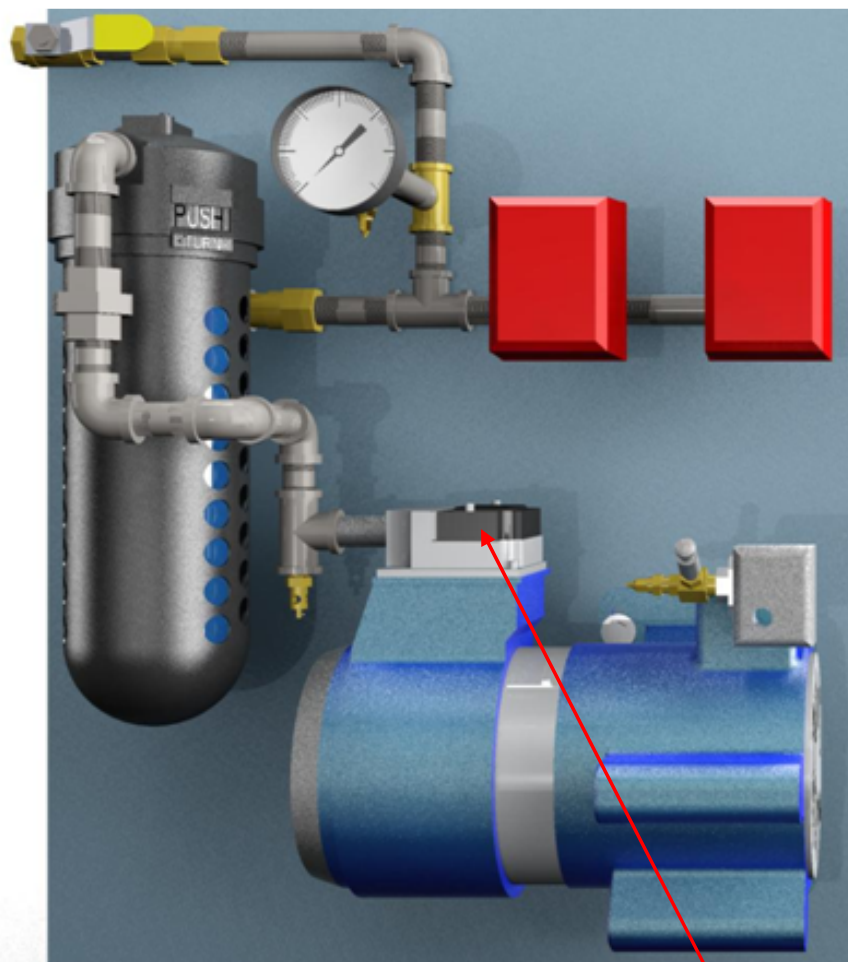
IF YOUR FILTER LOOKS LIKE -



USE P/N 00-100005-551



USE P/N 00-100005-552



**IF YOUR FILTER LOOKS LIKE THIS -
USE REPLACEMENT FILTER KIT P/N
00-100005-553**

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