



P/N 6542151 RETROFIT KIT FOR VACUUM INTERFACE UNITS WITH BLUE ACTIVATOR

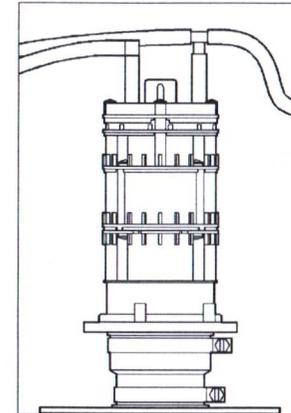


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VACUUM INTERFACE VALVE

6542151 RETROFIT KIT FOR (P/N 5980914, 5981000, 5979500, 5979600) VACUUM INTERFACE UNITS WITH BLUE ACTIVATOR

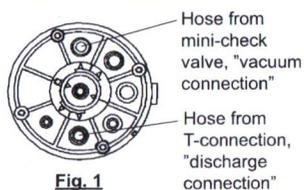
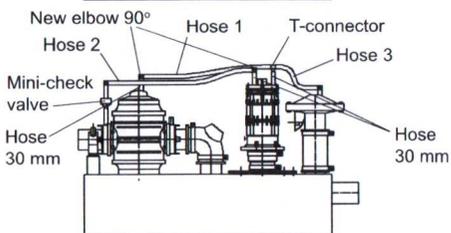
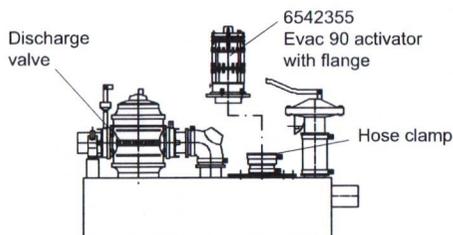
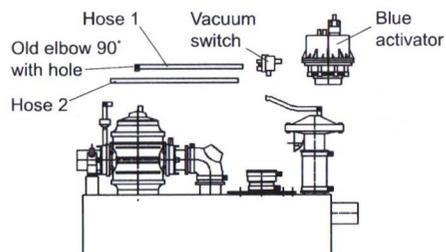
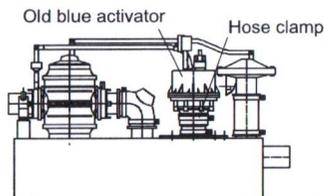


Fig. 1

6542151 Retrofit kit consists of:

- 6542355 Evac 90 Activator with flange
- 5957600 T-connector
- 5507000 Elbow 90° (x2)
- 5470214 Hose 14/7 mm
- 6542679 Product information

Vacuum interface unit with blue activator, old product version

Remove old blue activator:

1. Disconnect the hoses of the blue activator.
2. Unfasten the hose clamp.
3. Remove the blue activator.
4. Remove the vacuum switch.
5. Remove the old elbow 90° (with drilled hole on discharge valve) and old hoses (hose 1 and 2).

Vacuum interface unit with Retrofit kit

Install a retrofit kit:

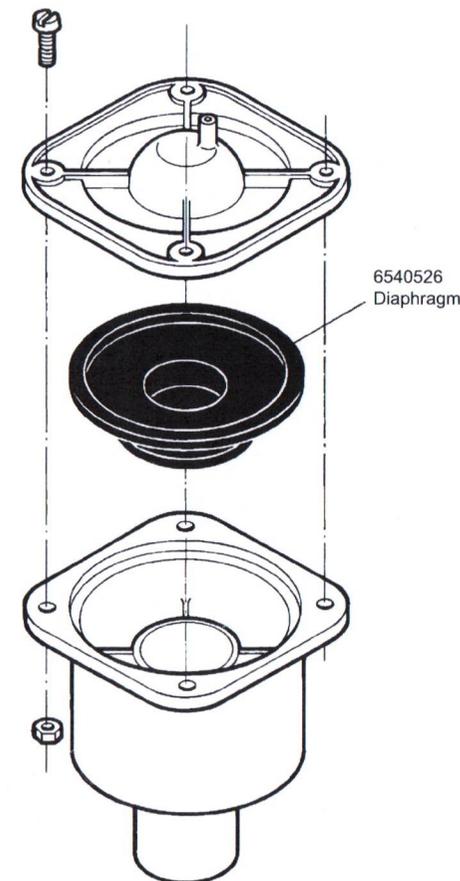
1. Install a new retrofit kit activator (P/N 6542355).
2. Fasten the hose clamp.
3. Install a new elbow 90° (without drilled hole) to the discharge valve's connection using 30 mm length hose.
4. Install an elbow 90° to the Evac 90 Activator's "discharge" connection using 30 mm length hose (Fig. 1).
5. Cut the hose 1. Check the right length to get smooth routing.
6. Install the hose 1 and connect it with the hose 3 using a T-connector. Connect the T-connector's free connection to the Evac 90 Activator's "discharge" connection (Fig. 1). Use 30 mm length hose between elbow 90° and T-connector.
7. Install a new elbow 90° to the activator's "vacuum" connection using 30 mm length hose.
8. Install the hose 2 between the mini-check valve and the Evac 90 Activator's connection (Fig. 1). Check the right length to get smooth routing.
9. Test operation of the interface valve .



VACUUM INTERFACE VALVE

6540524 VENTILATOR

P/N 5575000 and P/N 5575001 are replaced by P/N 6540524

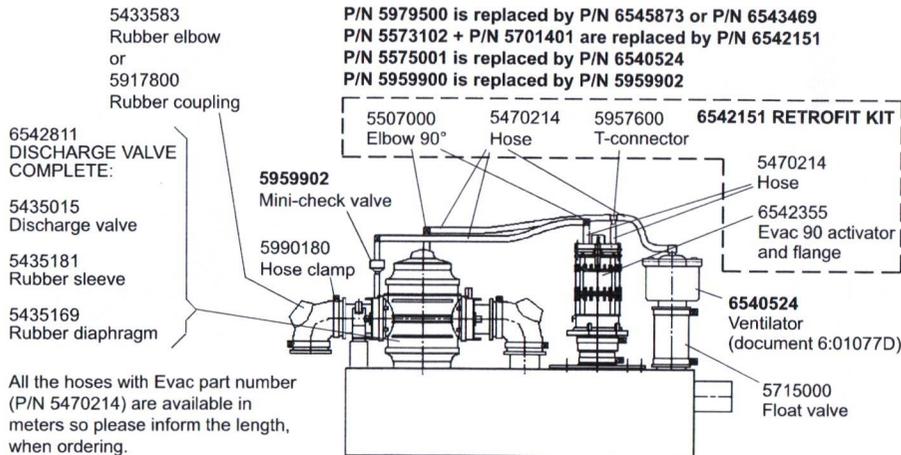




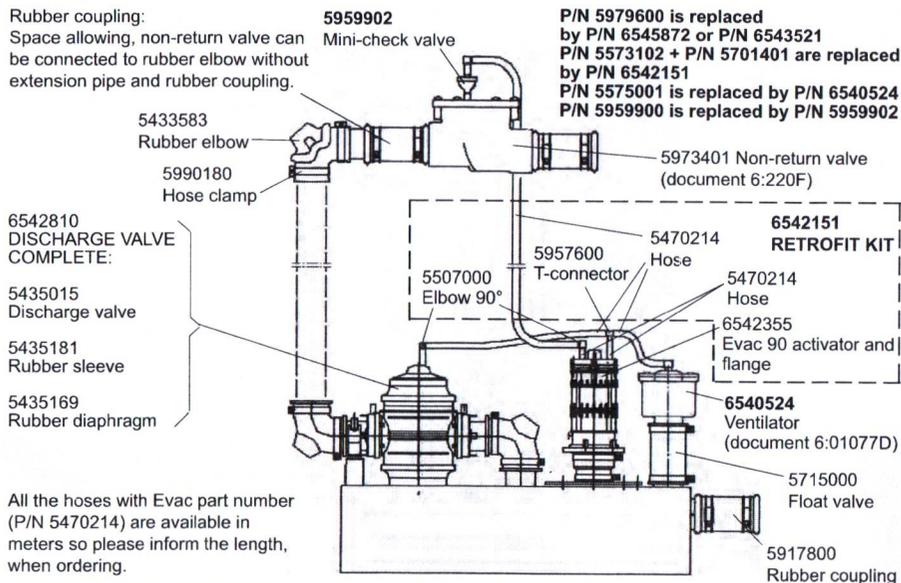
VACUUM INTERFACE VALVE

- 5980914 VACUUM INTERFACE UNIT 5 L, DOWNWARDS WITH RETROFIT KIT (6542151)
- 5981000 VACUUM INTERFACE UNIT 5 L, UPWARDS WITH RETROFIT KIT (6542151)
- 5979500 VACUUM INTERFACE UNIT 10 L, DOWNWARDS WITH RETROFIT KIT (6542151)
- 5979600 VACUUM INTERFACE UNIT 10 L, UPWARDS WITH RETROFIT KIT (6542151)

P/N 5980914 and P/N 5979500 with Retrofit kit P/N 6542151



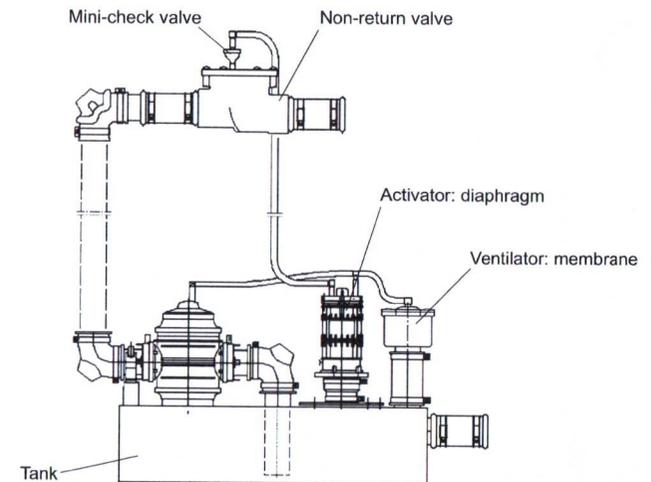
P/N 5981000 and P/N 5979600 with Retrofit kit P/N 6542151



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Maintenance



The vacuum interface unit does not require any regular maintenance. However, it is advisable for faultless long term operation, that following actions are done.

Every year:

- check operation
- clean the tank by running clean water into the tank so that the emptying cycle is repeated many times (if there is a risk of sedimentation at the bottom of the tank, open and clean the tank)
- check possible water leakages

Every five years:

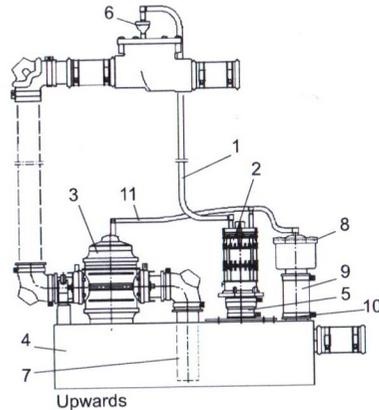
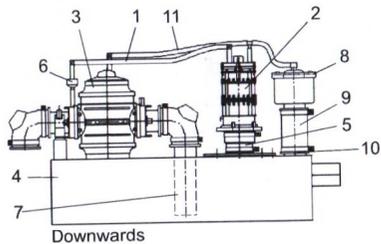
- open and clean the tank
- check and clean the activator's level diaphragm (P/N 5511200)
- change the membrane (P/N 6540526) of the ventilator
- change the mini-check valve (P/N 5959902)
- clean the non-return valve (P/N 5973401) when applicable



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- 1. Vacuum hose
- 2. Activator
- 3. Discharge valve
- 4. Tank
- 5. Rubber diaphragm
- 6. Mini-check valve
- 7. Suction pipe (inside)
- 8. Ventilator valve
- 9. Float valve
- 10. Vent pipe
- 11. Vacuum hose



Trouble	Cause	Remedy
Vacuum Interface unit does not operate. (Water rises in the bath tub or wash basin or equal.)	• If vacuum is less than -25 kPa, vacuum is insufficient.	• Check vacuum collecting unit functioning.
	• Piping between bath/wash basin and vacuum interface valve is blocked.	• Remove blockages.
	• Piping between vacuum interface unit and vacuum collecting unit is blocked.	• Remove blockages.
	• Activator does not operate.	<ul style="list-style-type: none"> • Check activator operation: Remove vacuum hose (1) from the activator (2) and connect it directly to discharge valve (3). If valve opens, activator is not functioning. Replace activator. • Loose activator (2) from the tank (4). Do not loose vacuum hoses and activator from the adapter. Check rubber diaphragm (5). If OK, press it gently from the middle. If discharge valve operates, activator is OK. Otherwise replace faulty activator. Empty the tank. • Check that mini-check valve (6) or vacuum hose is not blocked. Remove blockages from the hose. If mini-check valve is blocked, replace it.
	• Discharge valve or suction pipe is blocked.	• Check discharge valve (3) and suction pipe (7). Remove blockages.

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Trouble	Cause	Remedy
Vacuum interface unit leaks. (water overflow)	• Nuts and hose clamps are not tight. Float valve does not seal.	• Check hose clamps tightness. Loose ventilator valve (8) and check that float valve (9) and sealing surface are clean. Clean if needed.
Discharge valve leaks. (vacuum leakage)	• Discharge valve does not seal.	• Disconnect vacuum hoses (11) from discharge valve to see if valve seals. If valve remains open even when vacuum hoses are disconnected, loose discharge valve and check whether rubber diaphragm is blocked.
Water traps are emptied each time when discharge valve operates.	• Ventilator valve does not operate.	• Check that ventilator valve opens each time discharge valve operates. Check that vacuum hose is connected to the ventilator valve. Check that ventilator pipe (10) is open.
Discharge valve stays open.	• Activator does not operate. • Discharge valve is "blocked".	• Replace activator. • Remove blockages.