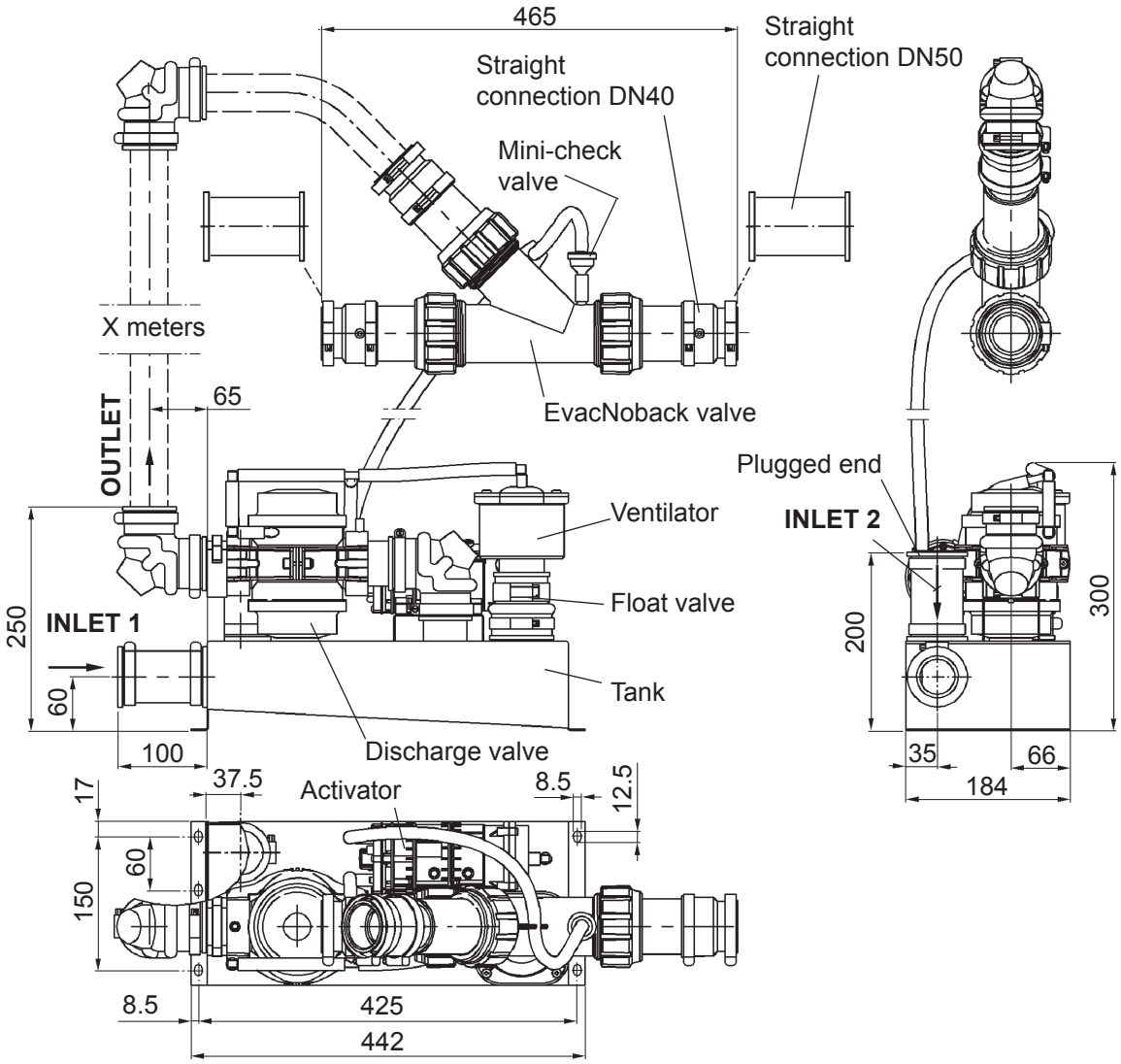
VACUUM INTERFACE UNITS

6545872 VACUUM INTERFACE UNIT 5L, CONNECTION UPWARDS



Materials

Tank: Stainless steel EN 1.4404
Float valve: rubber
Discharge valve: Polyacetal
Activator: Rigid PVC and polyacetal
Ventilator: Acetal/PVC
Mini-check valve: Acetal
Flexible tubing: EPDM hose Ø14 x 7mm
EvacNoback valve body: PP

Operating data

Operating vacuum: -30... - 60 kPa
Minimum operting vacuum: -25 kPa
Normal activating head: 75mm
Activating volume: 5.4 L

Capacity:

-50 kPa: 2.2 L/s
-30 kPa: 1.2 L/s

Connections:

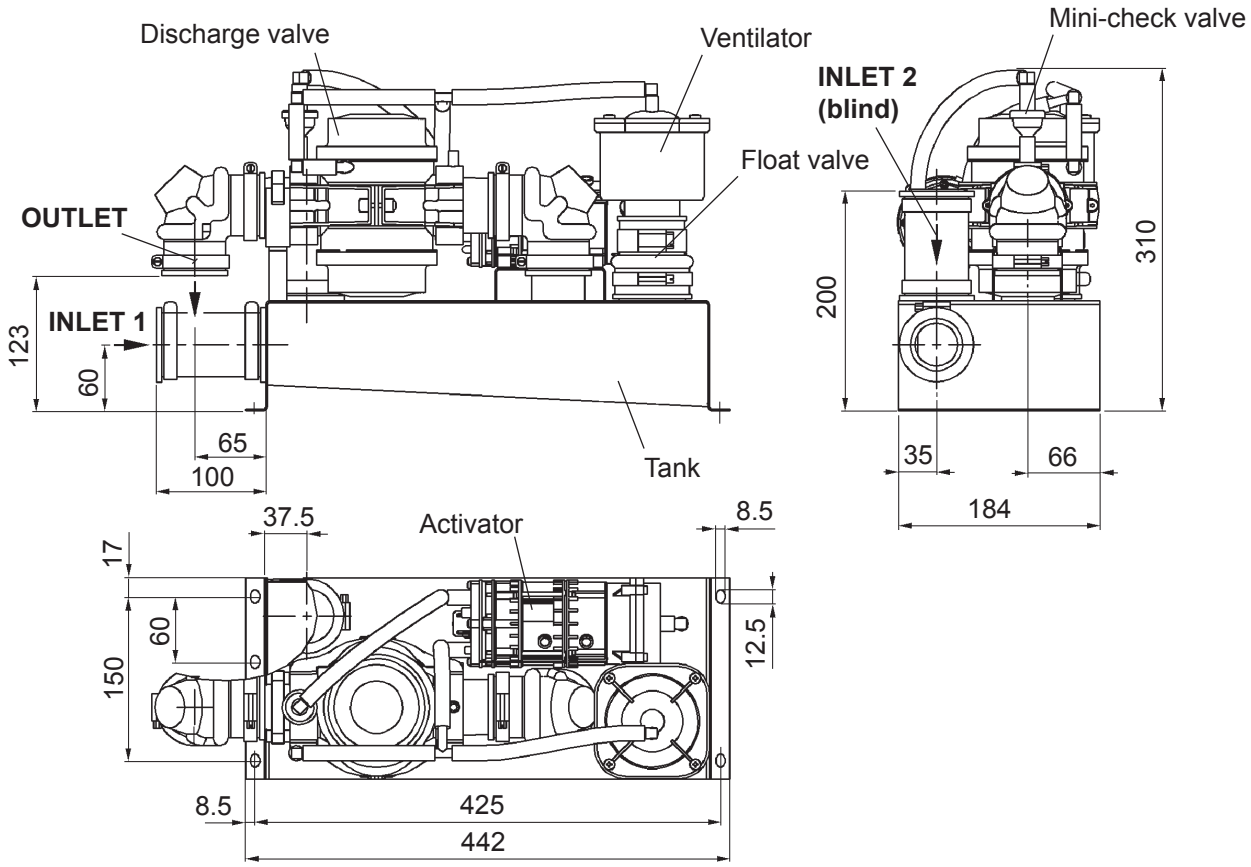
Outlet / vacuum line: Rubber sleeve connections to pipe DN40 and DN50 (EvacNoback valve)
Inlet / gravity line: Rubber sleeve connection to pipe DN40

Shipping data:

Net weight: 7kg
Shipping weight: 8kg
shipping volume: 0.08m³

VACUUM INTERFACE VALVE

6545873 VACUUM INTERFACE UNIT 5L, CONNECTION DOWNWARDS



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Activating volume: 5.4 L

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-50 kPa: 2.2 L/s
-30 kPa: 1.2 L/s

Connections:

Outlet / vacuum line: Rubber sleeve connection to pipe DN40
Inlet / gravity line: Rubber sleeve connection to pipe DN40

Shipping data:

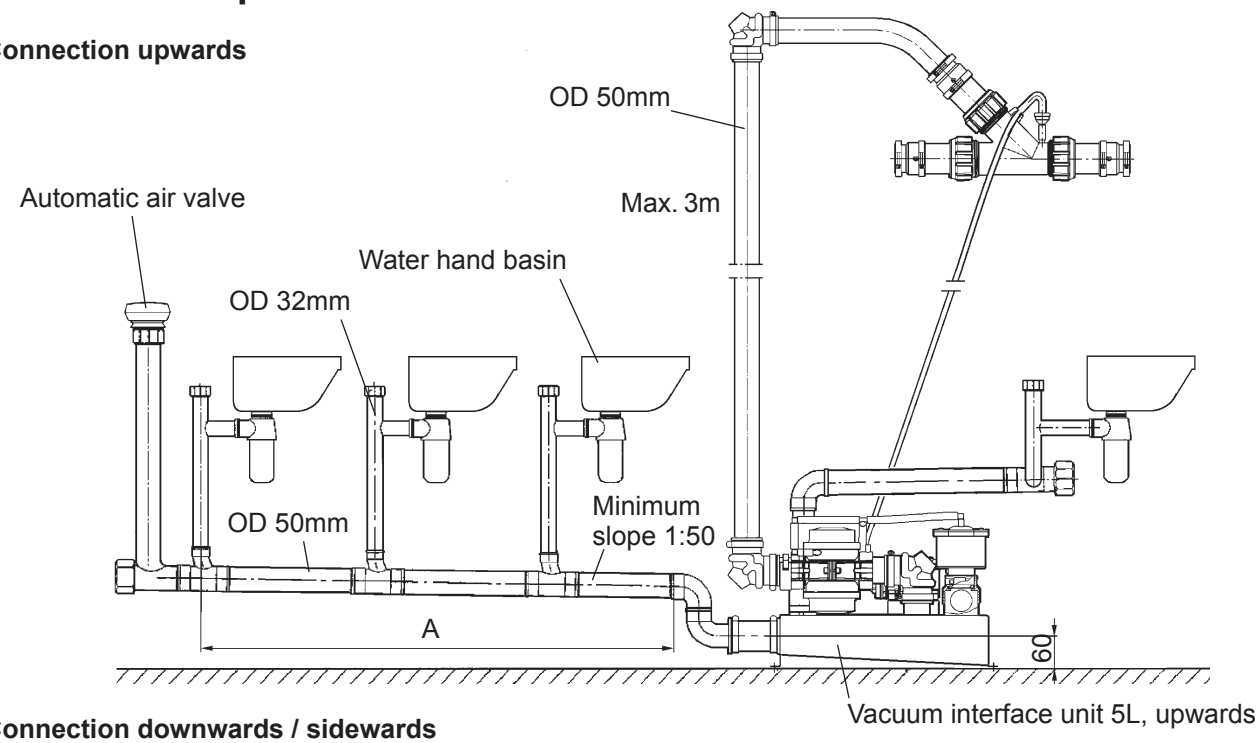
Net weight: 6kg
Shipping weight: 7kg
shipping volume: 0.08m³

VACUUM INTERFACE VALVES

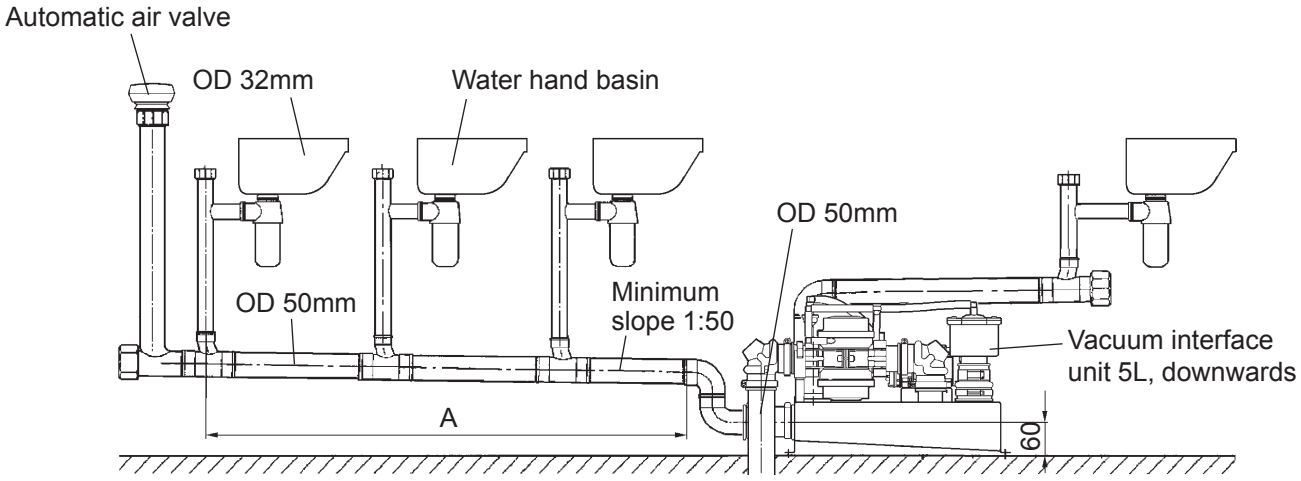
6545872 VACUUM INTERFACE UNIT 5L, CONNECTION UPVARDS
6545873 VACUUM INTERFACE UNIT 5L, CONNECTION DOWNWARDS

Installation examples

Connection upwards



Connection downwards / sidewards



Pipe sizes

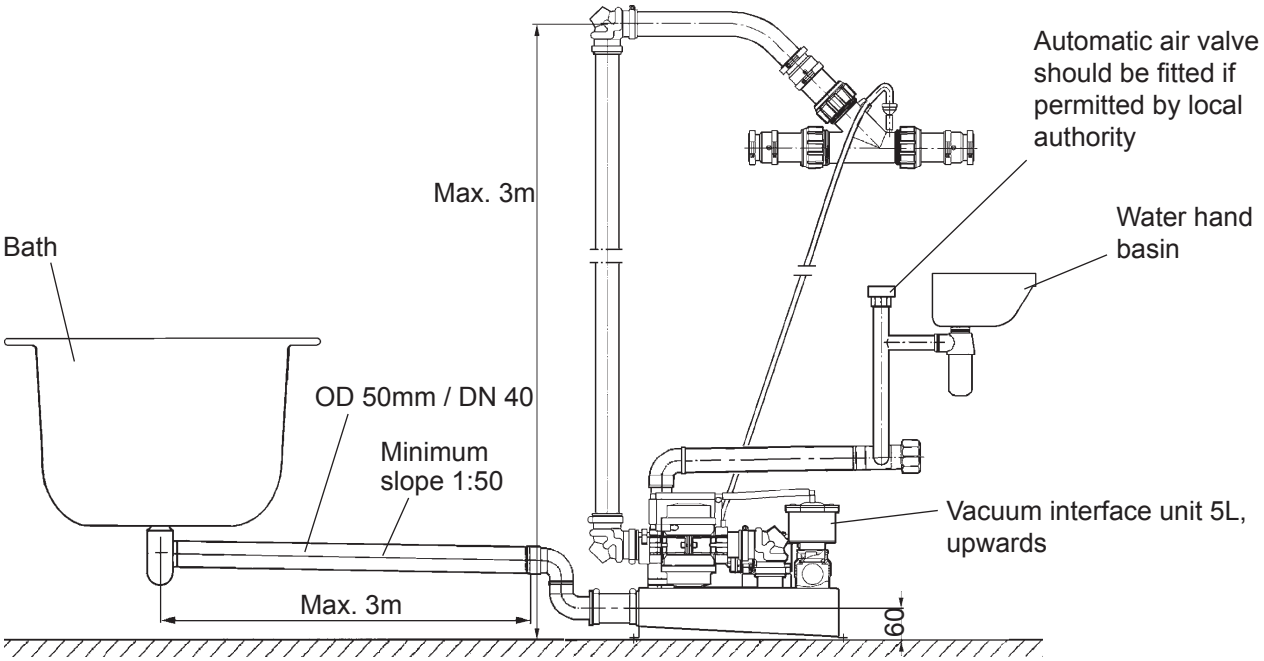
Gravity connection	Water trap unventilated	Water trap with automatic air valve
Maximum lenght A	3m	5m
Maximum size of vertical piping	OD 32mm	OD 32mm
Minimum size of horizontal piping	OD 50mm	OD 50mm

! NOTE: The maximum flow to the vacuum interface unit from all appliencies must not exceed:
- 2.0 litres/second (not tested) at -50 kPa (3.0 m lift)
- 1.2 litres/second (not tested) at -30 kPa (3.0 m lift)

VACUUM INTERFACE VALVES

6545872 VACUUM INTERFACE UNIT 5L, CONNECTION UPVARDS
6545873 VACUUM INTERFACE UNIT 5L, CONNECTION DOWNWARDS

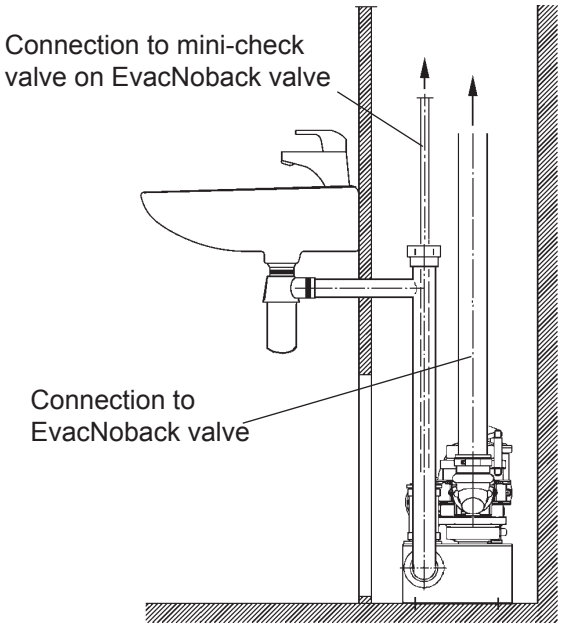
Connection upwards, detales for bathroom



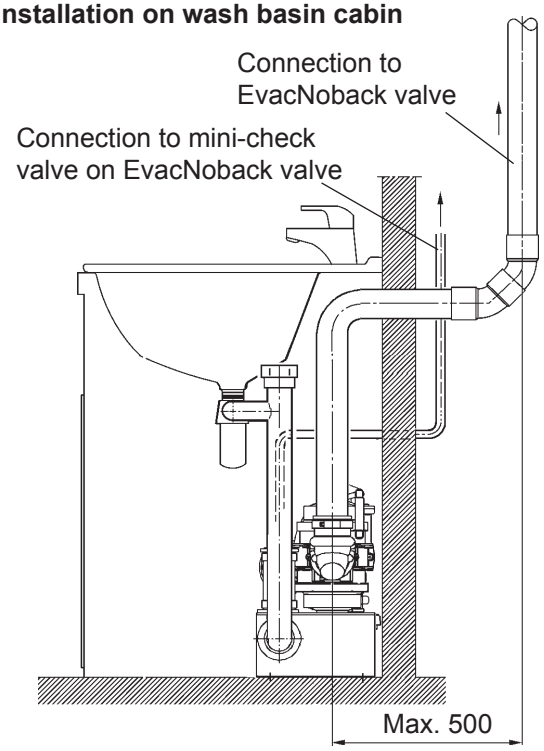
! NOTE: The maximum flow to the vacuum interface unit from all appliencies must not exceed:
- 2.0 litres/second (not tested) at -50 kPa (3.0 m lift)
- 1.2 litres/second (not tested) at -30 kPa (3.0 m lift)

Connection upwards, wash basin installation

Installation on wall



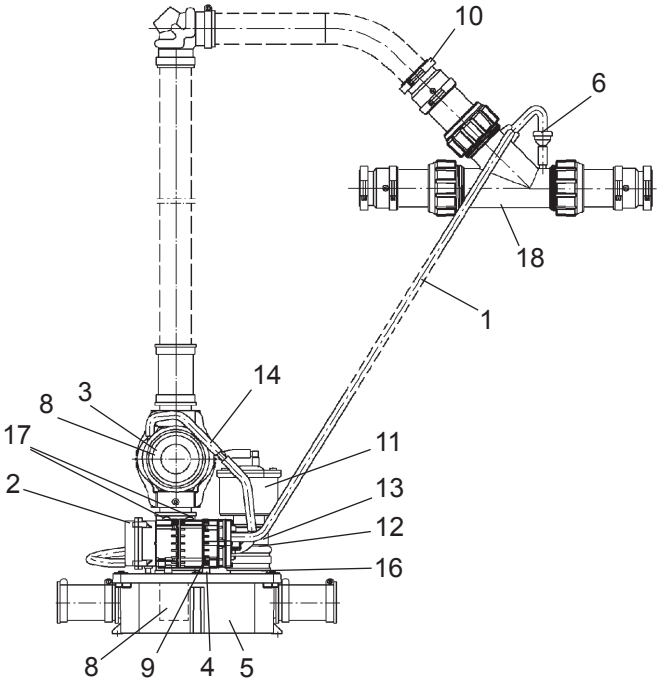
Installation on wash basin cabin



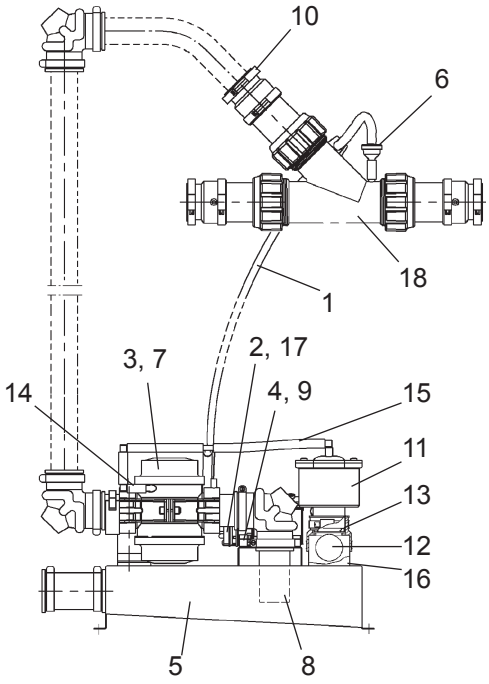
VACUUM INTERFACE VALVE

6543521 VACUUM INTERFACE UNIT 2L, CONNECTION UPWARDS
6543469 VACUUM INTERFACE UNIT 2L, CONNECTION DOWNWARDS / SIDEWARDS
6545872 VACUUM INTERFACE UNIT 5L, CONNECTION UPWARDS
6545873 VACUUM INTERFACE UNIT 5L, CONNECTION DOWNWARDS

Vacuum interface unit 2L



Vacuum interface unit 5L



1. Vacuum hose
2. Activato
3. Discharge valve
4. Adapter
5. Tank
6. Mini-check valve
7. Rubber diaphragm (inside discharge valve)
8. Suction pipe (inside tank)
9. Adapter nuts
10. Hose clamp
11. Ventilator valve
12. Float (inside)
13. Sealing surface (inside float valve)
14. Vacuum hose
15. Vacuum hose
16. Vent pipe
17. Nozzles
18. EvacNoback valve

Trouble	Cause	Remedy
Vacuum interface unit does not operate. (Water rises in the bath or water basin.)	• If vacuum is less than -25kPa, vacuum is unsufficient.	• Check vacuum collecting unit functioning.
	• Piping between bath/water basin and vacuum interface unit is blocked.	• Remove blockages.
	• Piping between vacuum interface unit and vacuum collecting unit is blocked.	• Remove blockages.
	• Activator does not operate.	• Check activator is 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.

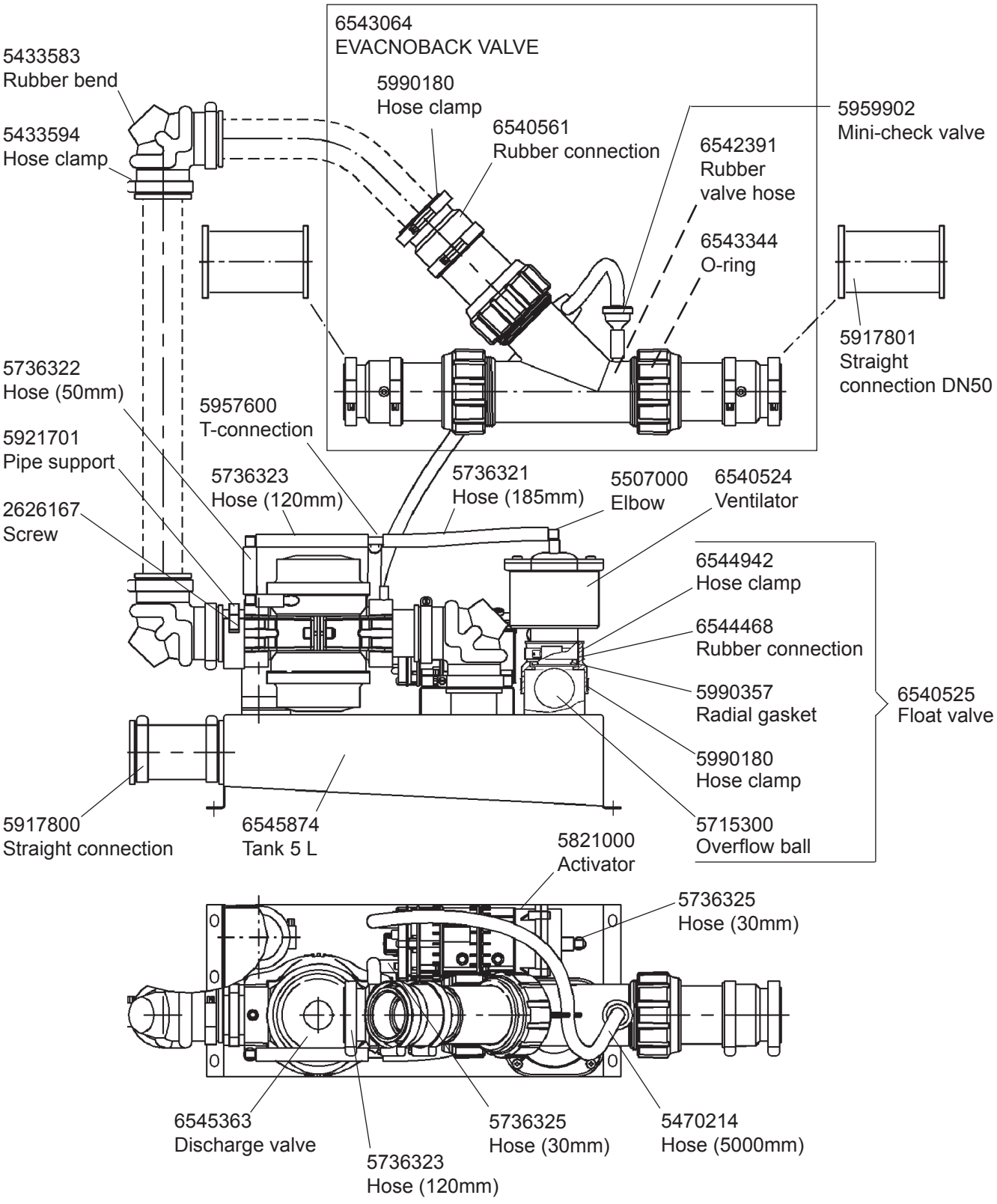
VACUUM INTERFACE VALVE

6543521 VACUUM INTERFACE UNIT 2L, CONNECTION UPWARDS
6543469 VACUUM INTERFACE UNIT 2L, CONNECTION DOWNWARDS / SIDEWARDS
6545872 VACUUM INTERFACE UNIT 5L, CONNECTION UPWARDS
6545873 VACUUM INTERFACE UNIT 5L, CONNECTION DOWNWARDS

Trouble	Cause	Remedy
Vacuum interface unit does not operate. (Water rises in the bath or water basin.)	• Activator does not operate.	• Check that mini-check valve (6) or vacuum hose are not blocked. Remove blockages from the hose. If mini-check valve is blocked, replace/clean it. • Check that nozzles (17) are not blocked, clean as needed.
	• Discharge valve or suction pipe is blocked	• Loose discharge valve and check whether rubber diaphragm (7) or suction pipe (8) is blocked. Remove blockages.
Vacuum interface unit leaks. (water overflow)	• Nuts and hose clamps are not tight. Float valve does not seal.	• Check adapter nuts (9) and hose clamps (10) tightness. Loose ventilator valve and check that float valve (12) and sealing surface (13) are clean. Clean if needed.
Discharge valve leaks. (vacuum leakage)	• Discharge valve does not seal.	• Disconnect vacuum hoses (14) 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 eacs time when discharge valve operates.	• Ventilator valve does not operate.	• Check that ventilator valve opens each time discharge valve operates. Check that vacuum hose (15) is connected to the ventilator valve. Check that ventilator pipe (16) is open.
Discharge valve stays open.	• Activator does not operate. • Discharge valve is ”blocked”	• Replace activator. • Remove blockages.

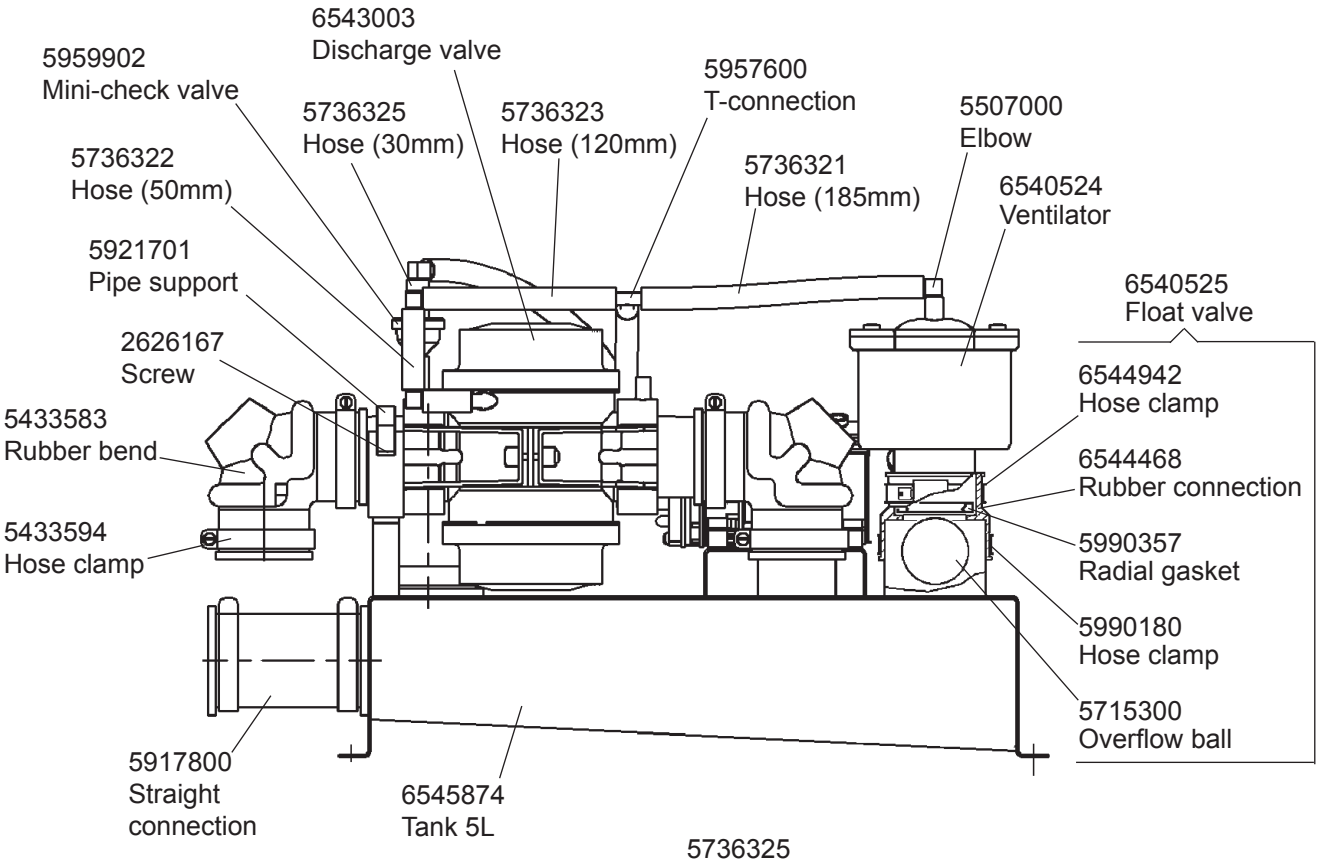
VACUUM INTERFACE VALVE

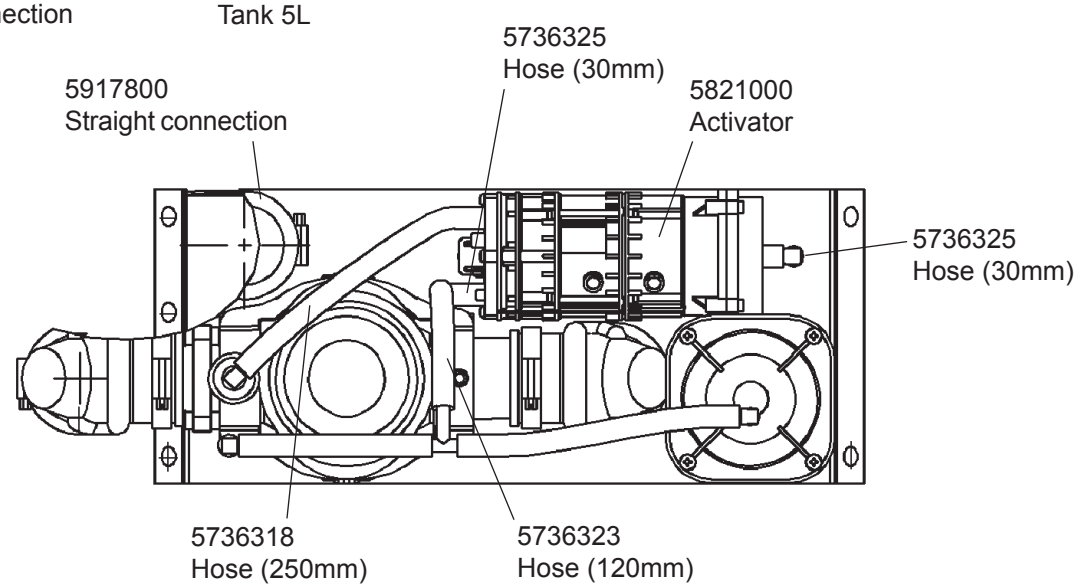
6545872 VACUUM INTERFACE UNIT 5L, CONNECTION UPWARDS



VACUUM INTERFACE VALVE

6545873 VACUUM INTERFACE UNIT 5L, CONNECTION DOWNWARDS

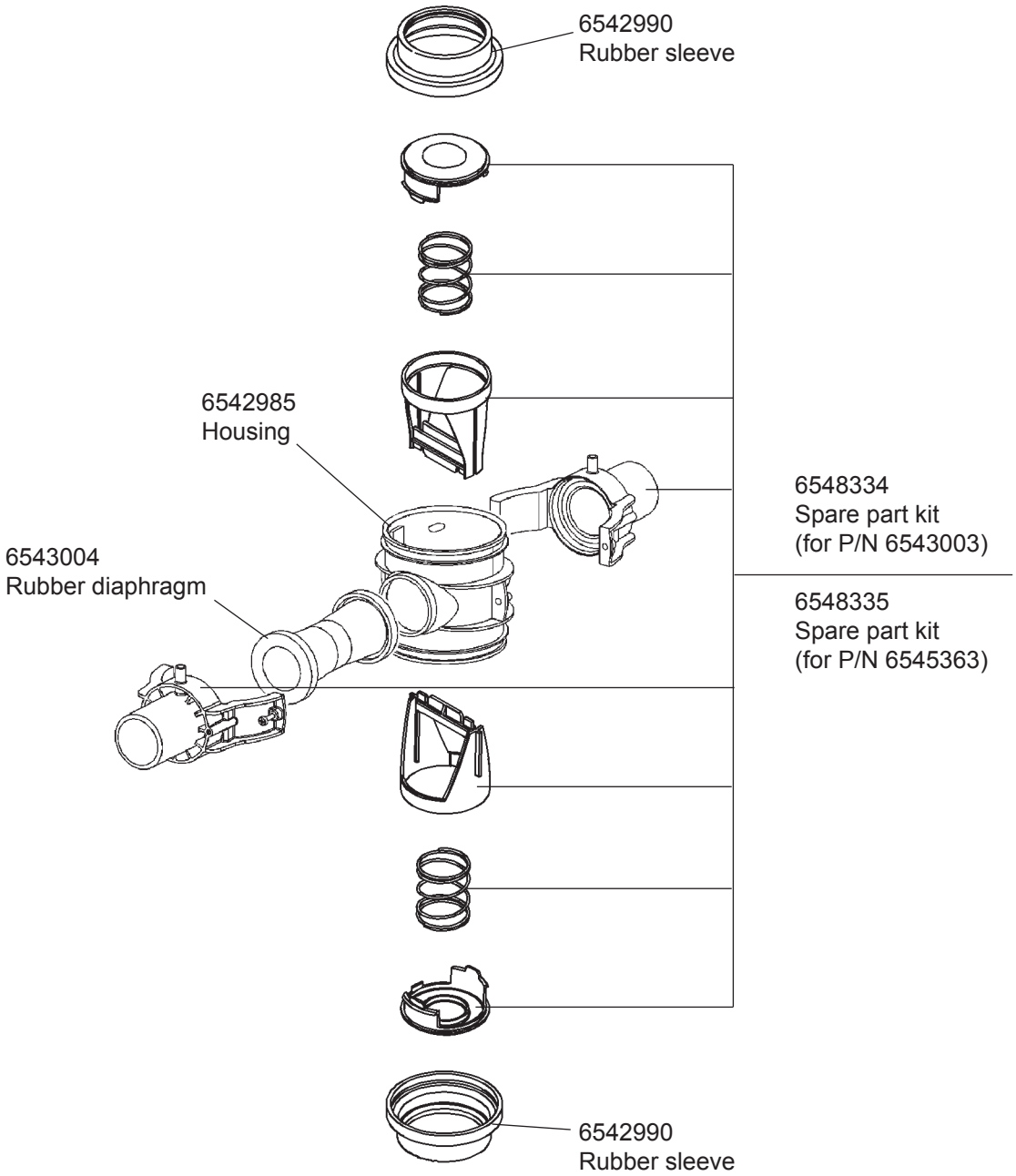




VACUUM INTERFACE VALVE

6543003 DISCHARGE VALVE
6545363 DISCHARGE VALVE

6547327 RECOMMENDED SPARE PART KIT:	
1 x 6543004	Rubber diaphragm
2 x 6542990	Rubber sleeve



VACUUM INTERFACE VALVE

6540524 VENTILATOR

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