


SV600/650/800/850 Ventilator

Service Manual

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Revision History

This manual has a revision number. This revision number changes whenever the manual is updated due to software or technical specification change. Contents of this manual are subject to change without prior notice. Revision 1.0 is the initial release of the document.

- Revision number: 5.0
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7.1.1 One-year Replaceable Parts

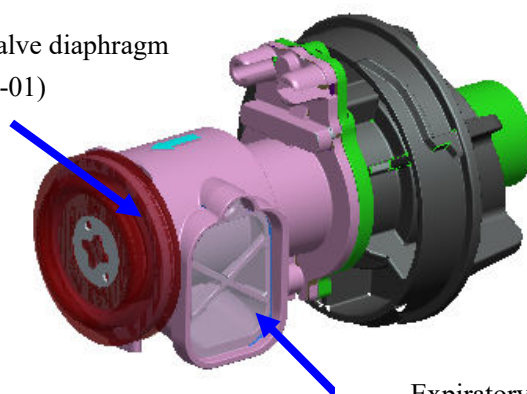
One-year service list (115-049765-00) and tools:

S/N	P/N	Description	Qty	Tool
1	049-000778-01	Expiratory valve diaphragm	1	N/A
2	045-001333-01	HEPA filter	1	N/A
3	045-001298-01	Air inlet dust screen	1	N/A
4	048-007169-00	Inlet labyrinth sponge	1	N/A
5	048-006954-00	Blower dust proof cotton	1	N/A
6	082-000753-00	Filter, filter element (5um) (spare parts for repairing)	1	N/A
7	082-001240-00	Filter element F92G-KIT 5um	1	Phillips screwdriver
8	048-006955-00	filter cotton(VT70)	1	N/A

7.1.1.1 Parts Replacement

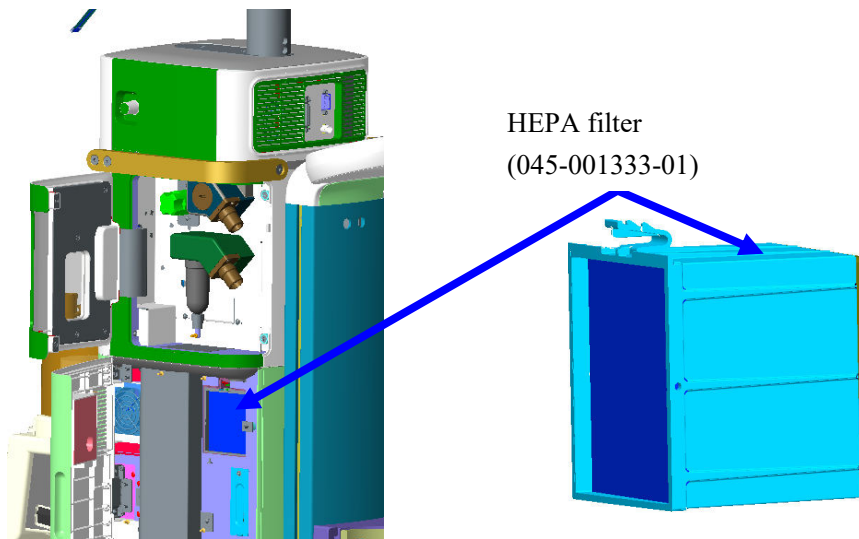
- (1) Replace the expiratory valve diaphragm (049-000778-01) every 12 months as required. As indicated by the expiratory valve handwheel silkscreen on the front panel of the ventilator, rotate the expiratory valve handwheel counter clockwise to the limit position and then take out the expiratory valve horizontally as shown below. Remove the expiratory valve diaphragm at the tail with hand and replace with a new service part. Do not damage the diaphragm during replacement. Note that the diaphragm is evenly snapped in the ring recess of the expiratory valve plastic part. When maintaining the expiratory valve diaphragm, check whether the expiratory check valve is fall off or gets dirty. If the check valve gets dirty, clean the valve. If the valve fall off, re-install the valve.

Expiratory valve diaphragm
(049-000778-01)



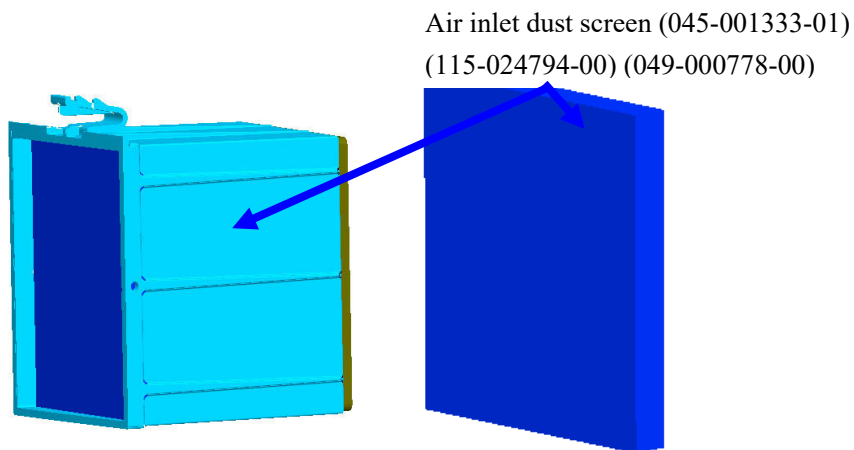
Expiratory check valve

- (2) Replace the HEPA filter (045-001333-01) every 12 months as required. Open the right cover panel of the blower box. Depress and grab the snap at the top of HEPA filter and pull it out horizontally. When installing, push in the HEPA filter to the right position and make sure it is installed in place.

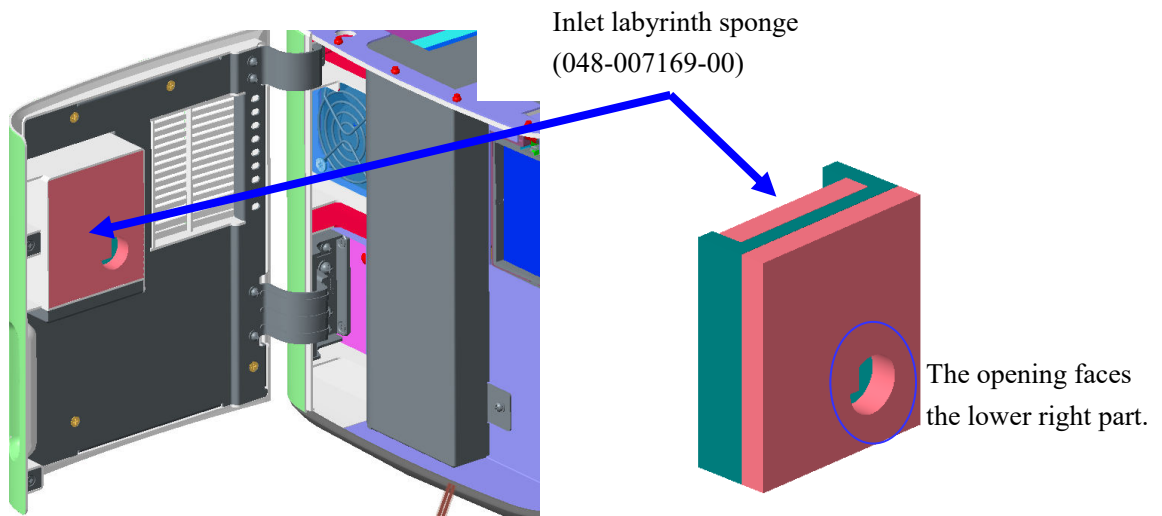


- (3) Replace the air inlet dust screen (045-001298-01) every 12 months as required. Remove the HEPA filter.

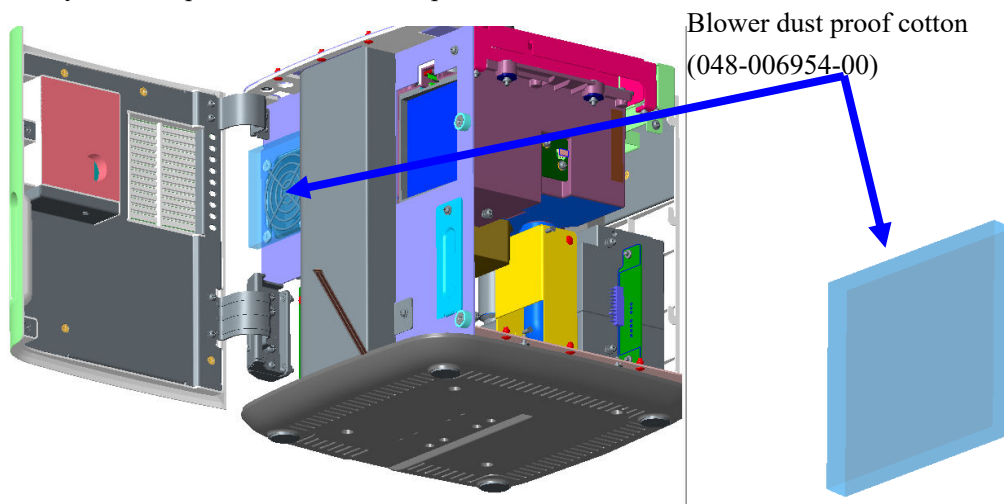
Remove the air inlet dust screen and install the new dust screen by hand.



- (4) Replace the inlet labyrinth sponge (048-007169-00) every 12 months as required. Open the right cover panel of the blower box, and pull out the inlet labyrinth sponge on the cover panel by hand, and replace the sponge with a new one. When installing, align the sponge outer surface with the frame of the installation position, and ensure that the opening faces the lower right part.



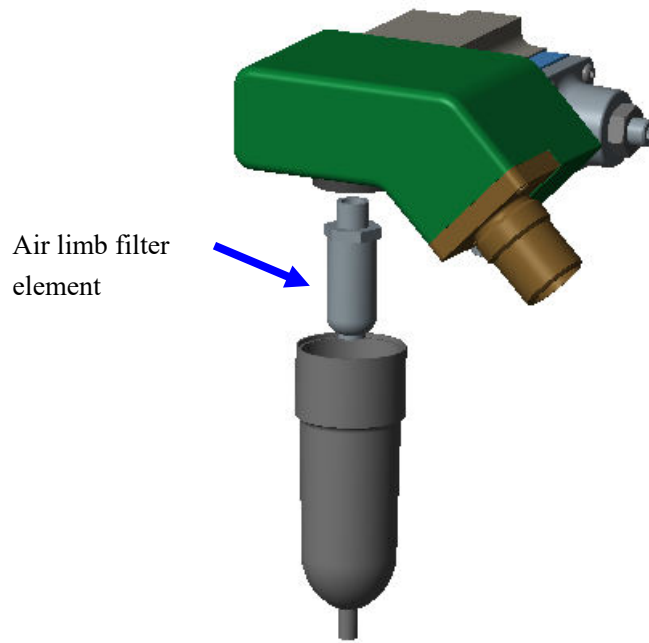
- (5) Replace the blower dust proof cotton (048-006954-00) every 12 months as required. Open the right cover panel of the blower box, and remove the blower dust proof cotton by hand, Replace the blower dust proof cotton with a new one.



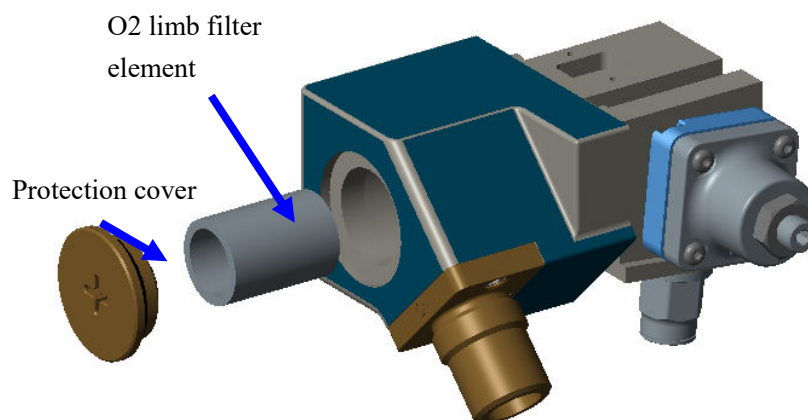
- (6) Replace the air limb filter element (082-000753-00) every 12 months as required. Open the maintenance door on the right side of the host, and check the water trap at the air supply inlet. If water is found in the water trap, remove the drainpipe from the slot, and press upwards the lever of the water trap drain valve to drain the water. Use a container to receive the water to prevent water from splashing onto the machine. After the water is drained, the lever of the drain valve is automatically reset. Then, place the drainpipe back to the slot. Remove the water trap clockwise by hand, and replace the old filter element with the new one.

NOTE

- When draining the water, use a container to receive the water to prevent water from splashing onto the machine.
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- (7) Replace the O2 limb filter element (082-001240-00) every 12 months as required. Open the service door on the right side of the host. Use the Phillips screwdriver to remove the protection cover of the O2 supply inlet filter clockwise, and replace the old filter element with the new one. NOTE: This P/N is the P/N of the common service kit shared by the E-series. This service kit contains the filter, seal, and baffle. When replacing the O2 limb filter element of the SV600/800 ventilator, only the filter is used, and the remaining two items in the service kit are discarded.



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- (8) Replace the filter cotton(VT70) (048-006955-00) every 12 months as required.: Open the mainframe_back_cover_for_air(VT70),replace the filter cotton(VT70) with a new one.

