

Medtronic

Engineering the extraordinary

Say goodbye to surgical smoke.

RapidVac™ Smoke Evacuator

The impact of surgical smoke on your team in the OR is equal to 27-30 unfiltered cigarettes – every day¹

Surgical smoke is dangerous. Our RapidVac™ smoke evacuator captures and filters surgical smoke – to help protect your staff and patients.[†]



Compatibility with the Valleylab™ FT10 and FX8 energy platforms²

RapidVac+™ button synchronizes the evacuator to an electrosurgical device – including the Valleylab™ smoke evacuation pencil

Four-stage filtration system evacuates surgical smoke plume

Simple and intuitive user interface



Efficient. Economical.

The RapidVac™ smoke evacuator is made to work with our Valleylab™ generators. When they're synchronized, smoke is evacuated only when you activate your electrosurgical pencil. That reduces background noise – and maximizes filter life.

The filtration system is also designed to help keep your per-procedure costs low. It has an economical, 25-hour activation time³ with no need for additional prefilters or adapters.

The four-stage system incorporates:

- A prefilter to capture large particles
- A highly efficient ULPA filter to capture small particles⁴
- A layer of activated carbon to absorb odors
- A post filter to provide a final stage of protection

Technical specifications

Dimensions:

8" high × 14" wide × 18 ¾" deep

20.3 cm high × 35.5 cm wide × 47.6 cm deep

Weight:

20 pounds

9 kg

Filter:

ULPA Filter Efficiency: The ULPA filter is 99.9995% efficient on a 0.12µm particle size, but it can capture smaller and larger particles at equal or greater efficiency.⁴

Electrical:

Voltage operating range:

200-240 VAC, 50/60 Hz; current: 8 amps, maximum

Compatible Carts:

VLFTCRT Valleylab™ FT10 Cart

UC8009 Universal mounting cart

UC8013 Suspended shelf for mounting cart

Certifications and Markings:

UL, CE, cUL

Order information

RapidVac™ Smoke Evacuator

Code	Description	Quantity
SE3695	RapidVac™ Smoke Evacuator, 220V	1 each

RapidVac™ Smoke Evacuator Accessories

Code	Description	Quantity
SEA3700	RapidVac™ ULPA Filter	2/case
SEA3730	RapidVac™ Interlink Cable (for use with Valleylab™ electrosurgical generators)	1 each
SEA3741	RapidVac™ Remote Switch Activator (for use with other electrosurgical generators)	1 each
SEA3745	RapidVac™ Footswitch	1 each
RVFT10	RapidVac™ Fluid Trap (for use with RapidVac™ ULPA filter)	1 each

RapidVac™ Tubing, Single Use

Code	Description	Quantity
SEA3705	RapidVac™ Smoke Tubing, ¼" × 10' (0.6 cm × 3 m)	10/case
SEA3710	RapidVac™ Smoke Tubing, 3/8" × 10' (1 cm × 3 m)	10/case
SEA3715	RapidVac™ Smoke Sponge Guard Tubing, 7/8" × 10' (2.2 cm × 3 m)	12/case
SEA3720	RapidVac™ Smoke Lap Tubing with Valve, ¼" × 10' (0.6 cm × 3 m)	12/case
SEA3725	RapidVac™ Smoke Wand, 7/8" × 8" (2.2 cm × 20.3 cm)	5/case

Valleylab™ Smoke Evacuation Pencil, Single Use

Code	Description	Quantity
SEP5000	Valleylab™ Smoke Evacuation Rocker Switch Pencil, Edge™ Blade Electrode, 10'	20/case
SEP5015	Valleylab™ Smoke Evacuation Rocker Switch Pencil, Edge™ Blade Electrode, 15'	20/case
SEP6000	Valleylab™ Telescoping Smoke Evacuation Rocker Switch Pencil, Edge™ Blade Electrode, 10'	20/case
SEP6015	Valleylab™ Telescoping Smoke Evacuation Rocker Switch Pencil, Edge™ Blade Electrode, 15'	20/case

Valleylab™ Smoke Attachments, Single Use

Code	Description	Quantity
E3810	Valleylab™ Smoke Attachment, 3/8 (1cm) tubing, 10' (3m)	20/case
E3815	Valleylab™ Smoke Attachment, 3/8 (1cm) tubing, 15' (4.6m)	20/case

For more information contact your Medtronic representative

† ES and Laser procedures only.

1. Hill DS, O'Neill JK, Powell RJ, Oliver DW. Surgical smoke – a health hazard in the operating theatre: a study to quantify exposure and a survey of the use of smoke extractor systems in UK plastic surgery units. *J Plast Reconstr Aesthet Surg.* 2012;65(7):911-6. doi: 10.1016/j.bjps.2012.02.012.

2. Based on internal test report #R0043188A, Orion system basic system functionality. April 22, 2015.

3. Based on internal test report #PR-14081 BF, Experiment/design verification/ validation report. Dec. 15, 2014.

4. Based on internal memo #RE0025744, Particle capture performance of ULPA filters vs. particle size. March 2020.

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IMPORTANT: Please refer to the package insert for complete instructions, contraindications, warnings and precautions.

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