MEGADYNE™ MINI VAC™
Smoke Evacuator
Why remove surgical smoke from the OR?

Surgical smoke can decrease site visibility and impact air quality in the surgical suite. The MEGADYNE™ Smoke Evacuation Portfolio was designed to reduce surgical smoke for improved visibility and a cleaner OR environment.

**Electrosurgical smoke has been shown to contain many potentially harmful components including:**

- Toxic gas and vapors\(^1\)
- Bioaerosols, including dead and living cell material, blood fragments and viruses\(^2\)
- Mutagenic and carcinogenic compounds\(^1\)

The Association of periOperative Registered Nurses (AORN) and National Institute for Occupational Safety and Health (NIOSH) recommend surgical smoke be removed by use of smoke evacuation in both open and laparoscopic cases\(^3\).

The smoke condensate from burning 1 gram of tissue has been shown to be equivalent to that of up to 6 unfiltered cigarettes\(^4\).

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\(^2\) Control of Smoke from Laser/Electric Surgical Procedures, NIOSH, DHHS (NIOSH) Publication No. 96•128.  
\(^3\) Perioperative standards and recommended practices. Electronic release: July 2009. AORN, Inc.  
MEGADYNE™ MINI VAC™ Smoke Evacuator

User-friendly design
• The electronic controls on the face panel have been designed to be user friendly and facilitate set up and operation
• Filter Life Indicator provides a clear signal of the status of the life of the filter in use (filters have up to 35 hours of life)

Efficient
• MEGADYNE™ Micro Safe Filter contains four different stages to capture smoke plume. This includes an ULPA grade filter that captures particulates and micro-organisms from 0.1 to 0.2 microns at an efficiency of 99.999%
• The MEGADYNE™ RF Sensor allows smoke removal to automatically turn on and off with the smoke evacuation pencil

Quiet
• Designed with an ultra-quiet, high-suction, high flow-rate vacuum motor

MEGADYNE™ Micro Safe Filter
MEGADYNE™ RF Sensor
# Ordering information

**MEGADYNE™ MINI VAC™ smoke evacuators and accessories**

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>CATALOG NUMBER</th>
<th>QUANTITY PER BOX</th>
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<tbody>
<tr>
<td>MEGADYNE™ MINI VAC™ Smoke Evacuator, 120v</td>
<td>ECVV120</td>
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<td>MEGADYNE™ MINI VAC™ Smoke Evacuator, 220v</td>
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<td>MEGADYNE™ Micro Safe Filter 2pk</td>
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<td>Fluid trap for MINI VAC™</td>
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