



Applications:

- Moisture Determination
- Out Gassing Solids
- Aging Tests
- Plating
- Chemical Resistance Studies
- Drying of Paper
- Rubber and Textiles
- Desiccating
- Dry Sterilization
- Out Gassing Liquids
- Vacuum Storage
- Electronic Process Control.

SVAC-SERIES, Vacuum Digital

MRC vacuum ovens provide exceptional capabilities for fast & gentle drying of heat sensitive materials. They prevent residue accumulation on products and also allow safe drying of materials at lower temperatures than typically required when using convection ovens.

All MRC vacuum ovens are built with a stainless steel chamber that are easy to clean and have exceptional durability. Our double plenum design meets UL, CSA and EU safety requirements resulting in a cool outer surface. The doors on these units have positive latch handles with spring-loaded glass to facilitate a good vacuum seal with-out hinge binds that shorten the gasket life. A selection of gaskets (for specific applications) and a small bench top footprint increase the versatility of these ovens.

To achieve required vacuum levels, users can choose from a 3/8 inch orifice or a KF25 fitting to withstand heavy use and minimize draw-down time. Maximum permitted end vacuum is 10 mTorr.

Features:

- Fully Programmable Watlow Temperature Control
Capable of 40 Step Ramp and Soak Profiles or 4 Files
With 10 Steps Per File
- Digital Vacuum Gauge
- RS485 Communication.

Precise Temperature Control:

- Heat-up Time 90% of a 150°C set point in 90 minutes
- Temperature Adjustable by 0.1°C
- Temperature Uniformity ±6% of Set Point
- Temperature Range Ambient + 10°C to 220°C.

Vacuum Control:

- Vacuum Range:
inch Hg (-3.0 to -29.9)
kPa (-10 to -101)
mbar (-101 to -1010)
- Display Range (Display Resolution):
inch Hg (0 to 29.9)
kPa (5 to -101)
bar (0.05 to -1.013)



Model	SVAC1 SVAC1-2	SVAC2 SVAC2-2	SVAC4 SVAC4-2
Exterior Dimensions (wxdxh)cm	44.5x57.8x59.7	52.0x75.0x66.7	67.3x87.6x81.9
Chamber Dimensions (wxdxh)cm	22.8x30.4x22.8	30.4x50.8x30.4	45.7x60.9x45.7
Oven Chamber Capacity	16	47	127
Number of Shelves Included		3	