



An ISO 9001-2015 Certified Company

ROTARY VACUUM EVAPORATOR (BUCHI TYPE)

MODEL : MVB - 1111D

TECHNICAL SPECIFICATIONS

The rotating action of the evaporator increases the evaporation and insures even heating in the Microprocessor Digital Controlled Stainless Steel Boiling Water Bath. The solution to be concentrated is placed in the flasks, which rotates, mixing the solution and moving the liquid continuously upward. This action provides a large evaporating surface and the water bath prevents over heating on the hot inner wall of the flask. By careful control of the speed of rotation and of the heat input, forming and bumping can be minimized. Evaporation with flask rotation speed 30-200 RPM. The flask can be removed easily by moving the motor assembly UP / DOWN by the motorized mechanism by the Push of the button.

METREX Rotary Vacuum Evaporators are supplied with one liter evaporator and receiving flasks, a long steam duct, a condenser, an inlet feed tube, clamps a drive unit and a 3-wire rod with Electronic Digital Speed meter to show the speed of Evaporator Max. speed 180 RPM

SPECIAL FEATURES

- Safe : Non sparking motor reduces risk of fire.
- Versatile : Variable speed for a variety of uses.
- Up & Down Movement : Motorised by Push of a button.
- Speed Meter : Electronic Digital Speed Meter.
- Water Bath : Digital Temperature Controlled Stainless Steel Water Bath.
- Chemically Inert : Glass Parts/Flasks, No contamination of metal parts.
- Small & Large Volumes : Continuous feed of solvent into evaporator flask lets you handle large Volumes.
- Standardized : All glass parts easily replaceable.

ROTARY HIGH VACUUM PUMP (DOUBLE STAGE)

MODEL : MRV - 907

TECHNICAL SPECIFICATIONS

Smooth and Silent running, Low Power Consumption, High Ultimate Vacuum, Simple in Operation. Do-It-Yourself Repairing, Low working Temperature. Belt driven, oil filled.

Model	Capacity Lt/min	H.P. Motor
3TQ.36	36!M!h jo	1/36!l Q
3TQ.56	56!M!h jo	1/36!l Q
3TQ.86	86!M!h jo	1/61!l Q
3TQ.211	211!M!h jo	1/86!l Q
3TQ.261	261!M!h jo	2/11!l Q
3TQ.311	311!M!h jo	2/61!l Q
3TQ.411	411!M!h jo	3/11!l Q

Ult. Pump Vacuum (mm of Hg.)
in the range of

	Double Stage
Cbrbt dDpt f e	1/112
Cbrbt dP qf o	1/116
Qvn qlSQN	611



MODEL : MVB-1111D

OPTIONAL :

1. ASPIRATOR VACUUM PUMP

Comprise fo a 10 Lt. Water tank and circulating pump. Built in feed water drain and overflow make it easy to change water. The water tank opens to the side of the unit for easy filling. Vacuum ports are suitable for 3/8" OD hose. Max. Vacuum = 700mm Hg./ 27 inch Hg. on dial gauge

2. CHILLER

Model : MCC-8L, with 8 Lt. tank capacity and temperature upto -20°C



MODEL : MRV-907

OPTIONAL :

Solenoid isolation valve to prevent back flow of oil.

DIRECT DRIVE VACUUM PUMP (DOUBLE STAGE)

MODEL : MRV - 908

TECHNICAL SPECIFICATIONS

Compact and light weight, Smooth and silent running, Gas Ballast system, Low Oil Charge, Low Power, High Ultimate Vacuum, Simple in Operation, Maintenance free working.

Model	Stage	RPM	H.P. Motor
ED.61	Epvcfh	2551	.
ED.211	Epvcfh	2551	.
ED.261	Epvcfh	2551	.
ED.311	Epvcfh	2551	.
ED.411	Epvcfh	2551	.

Ultimate Vacuum (mm of Hg.)
in the range of

Cbrbt dDpt f e	1/112
Cbrbt dP qf o	1/116
Qvn qlSQN	2551



MODEL : MRV-908

OPTIONAL :

Solenoid isolation valve to prevent back flow of oil.