

## ➤ Valve-Regulated Vacuum Pumps

Standard vacuum pumps can be controlled manually or via valve operated vacuum controllers

### Rotavac Valve Tec



- Recommended for solvents with low or medium boiling points

### Rotavac Valve Control



- Suction capacity for up to 3 rotary evaporators at the same time

### Hei-VAC Pump



- Two-stage diaphragm pump

Part Number	036304780	036302830	036306570
Condenser Part Number	036304900	036304900	n/a
Optional Package choices	Valve-Tec w/ Manual Vacuum Controller P/N 036304781		
Can be combined with a condenser	Yes	Yes	No
Vacuum Control	Manual Vacuum Controller	Manual Vacuum Controller	Manual Vacuum Controller
Maximum Pumping Speed (m <sup>3</sup> /h)	0.75	2.0	1.3
Ultimate Vacuum (mbar)	12	7	2
Power input (W)	80	180	80
Weight (kg)	6.0	12.8	7.1
Dimensions (without condenser) (L x W x H) (mm)	145 x 315 x 169	195 x 245 x 310	326 x 143 x 175
Manual/Digital	Manual	Manual	Manual

### PC510 NT



- Recommended for medium-sized vacuum applications involving common solvents

### PC3001 Vario Pro



- Optimizes vacuum conditions automatically by precisely and continuously adjusting the diaphragm pump's motor speed

Part Number	036306562	036306581
Condenser Part Number	n/a	n/a
Can be combined with a condenser	No	No
Vacuum Control	CVC 3000	CVC 3000
Maximum Pumping Speed (m <sup>3</sup> /h)	2	2
Ultimate Vacuum (mbar)	7	2
Power input (W)	180	160
Weight (kg)	16.7	7.7
Dimensions (without condenser) (L x W x H) (mm)	419 x 243 x 444	300 x 306 x 400
Manual/Digital	Digital	Digital

## ➤ RPM-Regulated Vacuum Pumps

Standard vacuum pumps can be controlled manually or via valve operated vacuum controllers

### Rotavac Vario Pumping Unit



- Three-stage diaphragm pump
- Precise vacuum control avoids bumping and eliminates foaming for your evaporation solution
- Due to automatic vacuum supply to the process parameter you have more time for important laboratory activities

### Rotavac Vario Tec



- Two-stage diaphragm pump
- Recommended for solvents with low or medium boiling points

### Rotavac Vario Control



- Three-stage diaphragm pump
- Even if the gas ballast valve is open an excellent ultimate vacuum is reached when working with easily condensable vapors. This makes distilling high boiling point solvents such as DMF or DMSO possible at low bath temperatures

Recommended with Rotary Evaporator Model	Hei-VAP Value and Hei-VAP Advantage	Hei-VAP Precision	Hei-VAP Precision
Part Number	036308310	036308100	036308090
Condenser Part Number	036308110	036308110	036308110
Chemical-resistant	Yes	Yes	Yes
Can be combined with a condenser	Yes	Yes	Yes
Maximum Pumping Speed (m <sup>3</sup> /h)	1.7	1.0	1.7
Ultimate Vacuum (mbar)	5	12	2
Power input (W)	160	160	160
Weight (kg)	6	4.3	5.4
Dimensions (without condenser) (L x W x H) (mm)	263 x 193 x 156 x 236	156 x 236 x 196	167x 236x 196

### ME1 Diaphragm Pump



Part Number	036306604
Condenser Part Number	
Suction Capacity (m <sup>3</sup> /h)	85
Ultimate Vacuum (mbar)	100
Power input (W)	40
Weight (lb)	11
Dimensions (mm)	247 x 121 x 145