# Vacuubrand PC 3003 Vario Select
## Technical Specifications

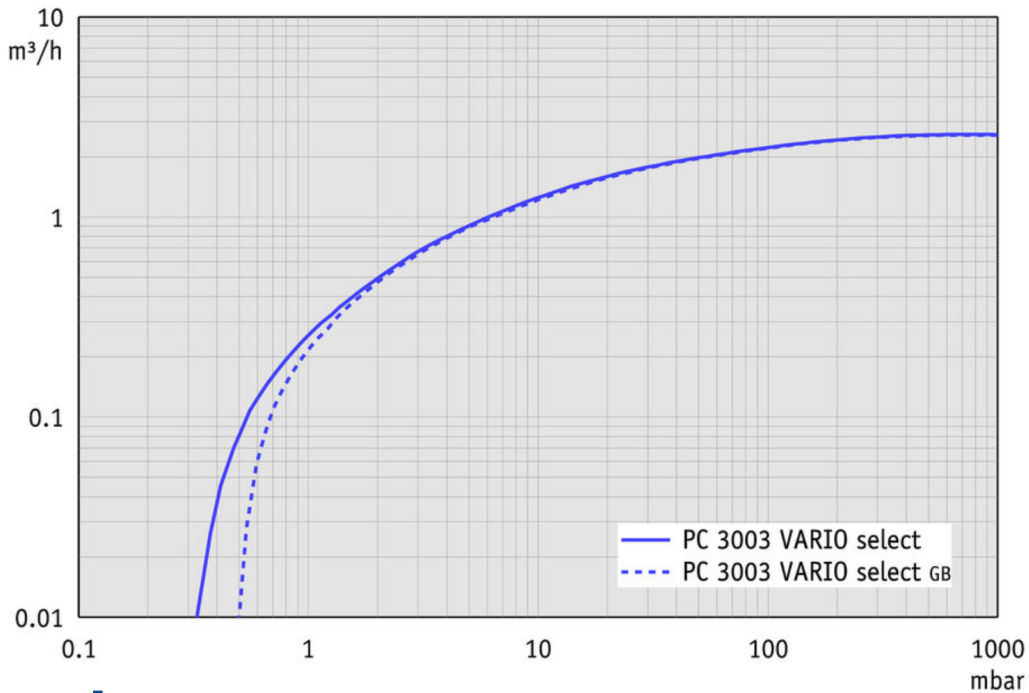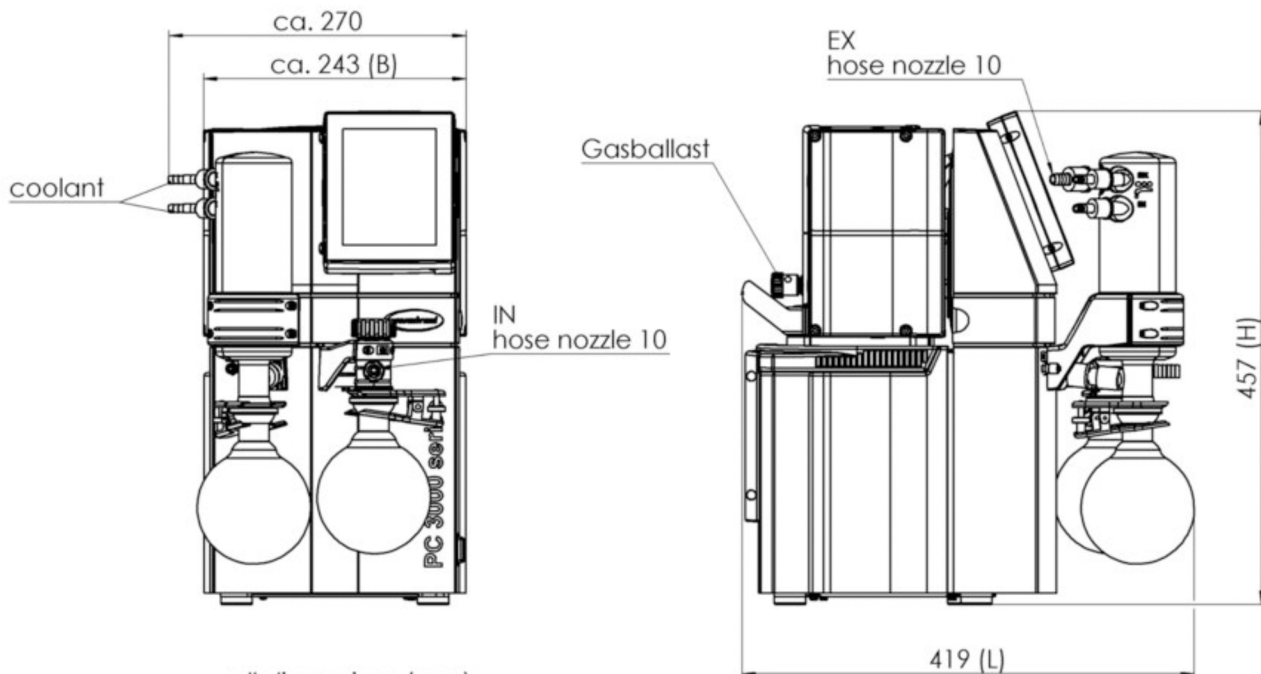|  |  | PC 3003 VARIO select |
| --- | --- | --- |
| Vacuum controller |  | VACUU·SELECT |
| Number of heads / stages |  | 4 / 4 |
| Max. pumping speed | m3/h | 2.8 |
| Max. pumping speed | cfm | 1.6 |
| Ultimate vacuum (abs.) | mbar/torr | 0.6 / 0.45 |
| Ultim. vac. (abs.) with gas ballast | mbar/torr | 1.5 / 1.12 |
| Ambient temperature range (operation) | °C | 10 - 40 |
| Ambient temperature range (storage) | °C | -10 - 60 |
| Max. back pressure (abs.) | bar | 1.1 |
| Inlet connection |  | Hose nozzle DN 8-10 mm |
| Outlet connection |  | Hose nozzle DN 8-10 mm |
| Coolant connection |  | 2 x hose nozzle DN 6-8 mm |
| Rated motor power | kW | 0.53 |
| Motor speed range | min-1 | 30 - 2400 |
| Protection class |  | IP 40 |
| Dimensions (L x W x H) | mm | 419 x 243 x 457 |
| Weight | kg | 21.1 |
| Noise level at 50 Hz, typ. | dBA | 43 |
| ATEX conformity (only 230V) |  | II 3/- G IIC T3 X Internal Atm. only |
| Items supplied |  | Pumping unit completely mounted, ready for use, with manual. |
| Accessories |  | Coolant valve VKW-B (20674220) Vent valve VB M-B (20674217) Liquid level sensor (20699908) Rubber vacuum tubing DN 8 mm (20686001) |

# Vacuubrand PC 3003 Vario Select
## Pumping Curves



Legend:
- PC 3003 VARIO select
- PC 3003 VARIO select GB

## Dimensions



ca. 270
ca. 243 (B)
coolant
IN hose nozzle 10
all dimensions (mm)
weight: ca.21,1 kg

EX hose nozzle 10
Gasballast
457 (H)
419 (L)

VACUUBRAND PC 3003 VARIO select
Version 2018/04/05

# Vacuubrand PC 3003 Vario Select
## Features & Benefits

- pumping unit precisely controls the vacuum level in order to achieve unparalleled process control
- high pumping speed & deep ultimate vacuum
- suitable for demanding applications with high boiling point solvents in low temperature conditions
- integrated controller provides easy-to-use application basede interface that covers all common lab applications
- controller continuously detects the boiling point and automatically adjusts that vacuum process as necessary
- extended maintenance intervals
- inlet separator prevents particles & liquid droplets from entering pump
- exhaust vapor condenser allows for almost 100% recovery of solvents when used with a chilled water line/recirculating chiller

## Applications

- rotary evaporators • vacuum concentrators • drying chambers