



# Vacuubrand PC 3012NT Vario Duo

## Technical Specifications

PC 3012 NT VARIO DUO		
Vacuum controller		CVC 3000
Number of heads / stages		16 / 3
Max. pumping speed	m <sup>3</sup> /h	28
Max. pumping speed	cfm	16.5
Ultimate vacuum (abs.)	mbar/torr	1.5 / 1.1
Ultim. vac. (abs.) with gas ballast	mbar/torr	3 / 2.2
Ambient temperature range (operation)	°C	10 - 40
Ambient temperature range (storage)	°C	-10 - 60
Max. back pressure (abs.)	bar	1.1
Inlet connection		Small flange KF DN 25 / hose nozzle DN 15 mm
Outlet connection		2 x hose nozzle DN 10 mm
Coolant connection		4 x hose nozzle DN 6-8 mm
Rated motor power	kW	1.06
Motor speed range	min-1	30 - 2400
Rated speed	min-1	1500/1800
Protection class		IP 40
Dimensions (L x W x H)	mm	611 x 925 x 560
Weight	kg	65
Noise level at 50 Hz, typ.	dBA	53
ATEX conformity (only 230V)		II 3/- G IIC T3 X Internal Atm. only
Items supplied		Pumping unit consisting of two PC 3012 NT VARIO pumps mounted in parallel on common base plate, controlled by one CVC 3000 vacuum controller, ready for use, with manual.
Accessories		PTFE tubing KF DN 25 (1000 mm: 20686033) Centering and sealing ring KF DN 25 C AI/FEP (20635722)



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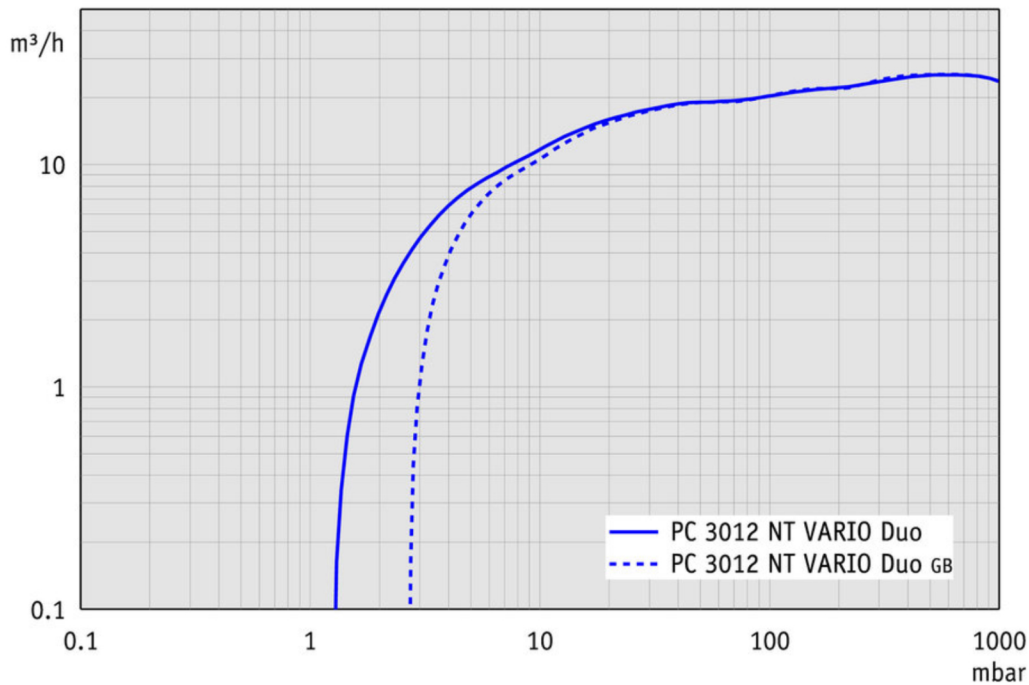
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PHONE: 831-462-8900

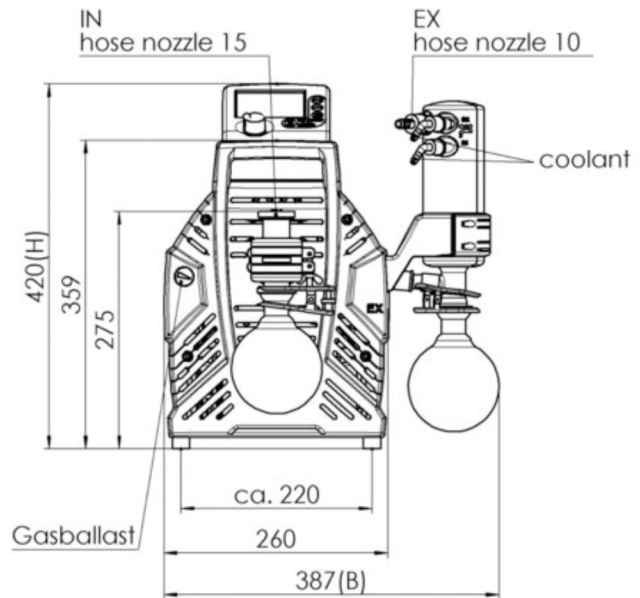
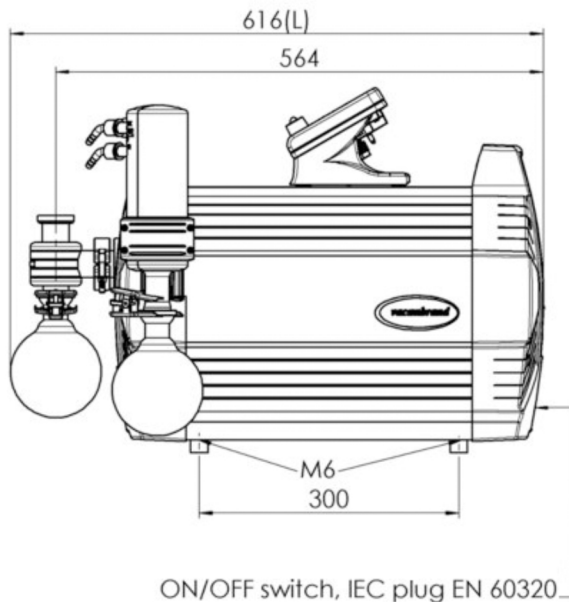
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# Vacuubrand PC 3012NT Vario Duo Pumping Curves



## Dimensions



weight 29,7 kg  
all dimensions (mm)

VACUUBRAND PC 3010 NT VARIO, PC 3012 NT VARIO, PC 3016 NT VARIO  
Version 2012/04/23



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## Vacuubrand PC 3012NT Vario Duo Features & Benefits

- combination of 2 individual vario pumping units, connected in parallel on the suction side & driven synchronously by 1 controller
- the speed of the 2 pumps is adjusted exactly to the vacuum needs
- controller allows both fully automatic distillations without any user presets, as well as specific & reproducible program sequences
- integration into existing control systems possible
- short process times
- minimal operational & maintenance costs
- minimized energy consumption, efficient solvent recovery

## Applications

- rotary evaporators • local area vacuum networks for laboratories
- oil-free vacuum for kilo labs • universal use in chemistry & pharmacy

