



# Vacuubrand MD-12CNT

## Technical Specifications

		MD 12C NT
Number of heads / stages		8 / 3
Max. pumping speed at 50/60 Hz	m <sup>3</sup> /h	12.0 / 13.3
Max. pumping speed at 50/60 Hz	cfm	7.1 / 7.8
Ultimate vacuum (abs.)	mbar/torr	2 / 1.5
Ultim. vac. (abs.) with gas ballast	mbar/torr	4 / 3
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
Outlet connection		Hose nozzle DN 15 mm
Rated motor power	kW	0.44
Rated motor speed at 50/60 Hz	min-1	1500/1800
Degree of protection		IP 40
Dimensions (L x W x H)	mm	533 x 260 x 359
Weight	kg	28.1
Noise level at 50 Hz, typ.	dBA	52
ATEX conformity (only 230V)		II 3G IIC T3 X Internal Atm. only
Items supplied		Pump completely mounted, ready for use, with manual.
Accessories		PTFE tubing KF DN 25 (1000 mm: 686033) Inlet separator KF DN 25 (699979) Centering and sealing ring KF DN 25 C AI/FEP (635722) Emission condenser kit for NT pump models (699948)



# PROVAC

## SALES

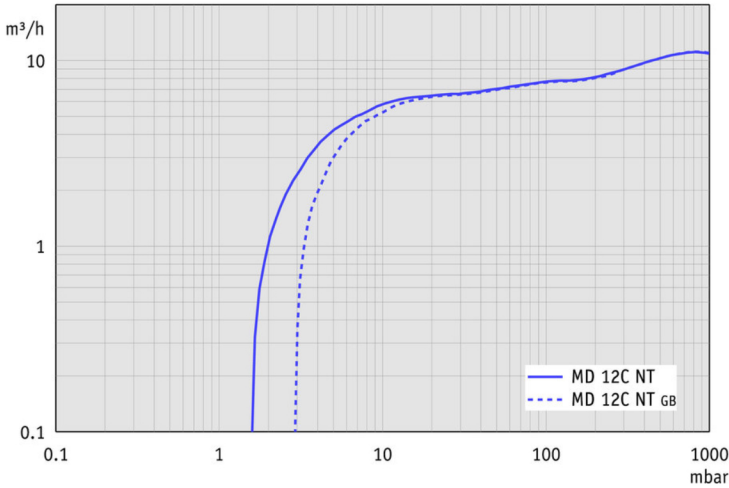
PHONE: 831-462-8900

FAX: 831-462-3536

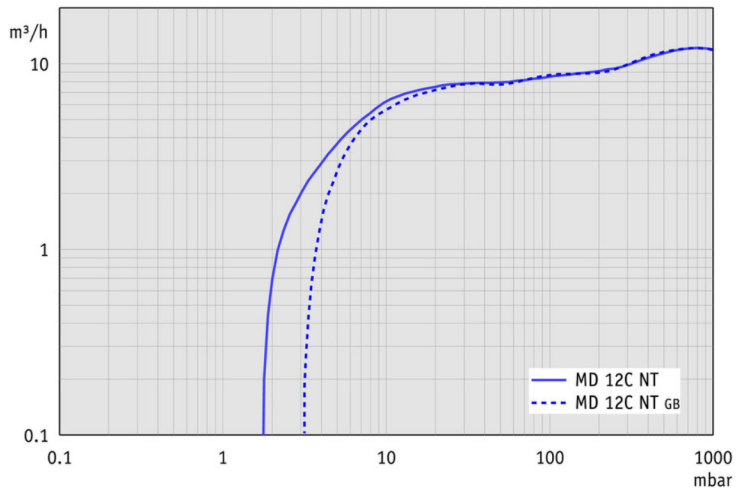
WWW.PROVAC.COM

# Vacuubrand MD-12CNT Pumping Curves

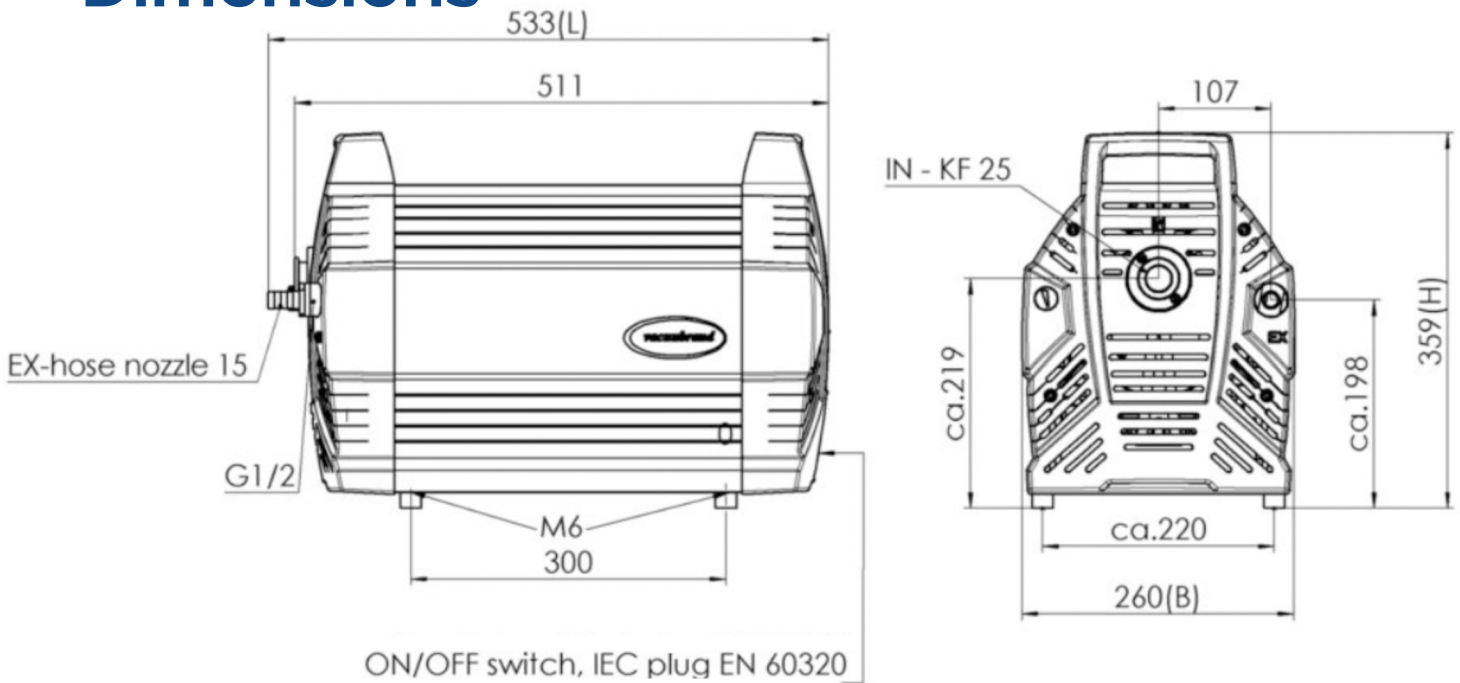
### 50Hz



### 60Hz



## Dimensions



weight 28,1 kg  
/ all dimensions (mm)

VACUUBRAND ME 16C NT, MD 12C NT, MV 10C NT  
Version 2012/04/20



# PROVAC

## SALES

PHONE: 831-462-8900

FAX: 831-462-3536

WWW.PROVAC.COM

## Vacuubrand MD-12CNT Features & Benefits

- continuous, oil-free pumping of corrosive gases & vapors
- outstanding chemical resistance & superior vapor tolerance
- high pumping speed, even near ultimate vacuum
- whisper quiet & very low vibration
- long lifetime, maintenance free drive system
- smooth, easy to clean surfaces
- gas ballast valve

## Applications

- drying chambers • rotary evaporators • local area vacuum networks for laboratories • oil-free vacuum for kilo labs

