

PMF



HIGHVAC
CORPORATION

PMF Series

Dry Vacuum Pumps

Ultimate Power Savings

Compact Low Power Dry Vacuum Pump

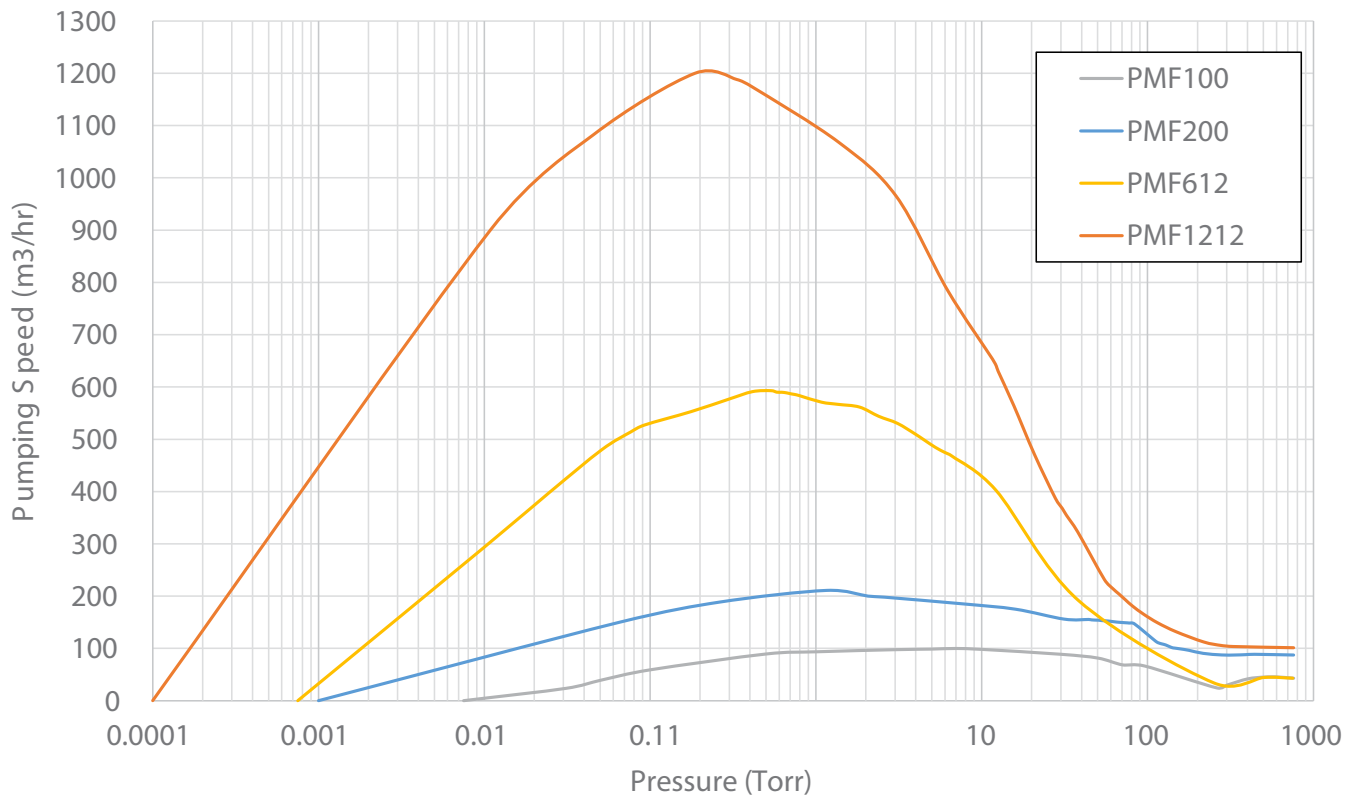
Highvac introduces the PMF Series, a cutting-edge low-power dry vacuum pump designed for efficiency and performance. Compact and ultra-quiet, these pumps are ideal for light-duty processes and laboratory settings requiring minimal noise and high cleanliness. Key features include:

- Energy-efficient VFDs with up to 72% power savings compared to competitors
- Green idle mode for reduced energy use
- Permanent Magnet Motors for enhanced durability
- N2 dilution capability
- Advanced electronics for precise control
- Space-saving compact design

The PMF Series offers an extended lifecycle and lower cost of ownership, paired with competitive lead times. Highvac delivers exceptional service and unmatched quality to the North American market.

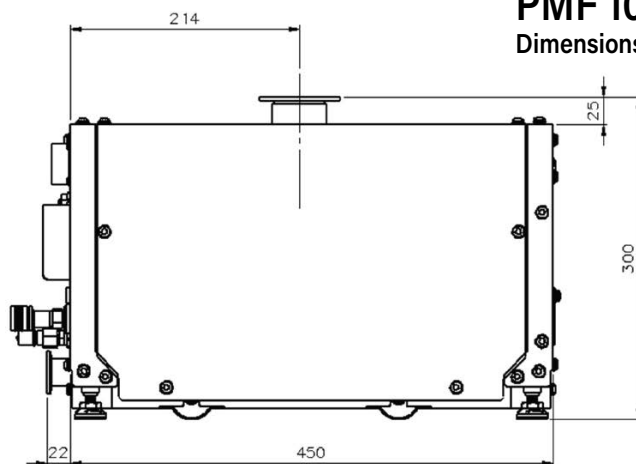
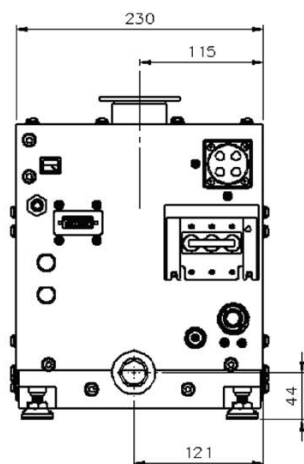
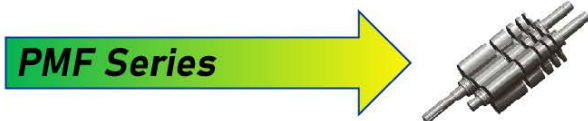


PMF Series Technical Specifications						
Model		Unit	PMF 100	PMF 200	PMF 612	PMF 1212
Pumping Speed		m ³ /hr	100	200	600	1200
		cfm	59	118	353	706
Ultimate Pressure		Torr	7.5x10 ⁻³		7.5x10 ⁻⁴	
Motor	Voltage	V	220/380			
Power at Ultimate Pressure		kW	0.39	0.5	0.6	1
Connection		Inlet	NW 50		ISO 80	ISO 100
		Outlet	NW25			
Cooling Water	Min. Flow	l/min	1	2	2	3
	Temp	°C	15 - 30			
N2 Purge Gas Supply		SLM	0 - 10 (6.3-6.6 l/min average)			
Dimension	LxWxH	inches	17.7 x 9 x 10.8	27 x 12.2 x 13.3	10.9 x 9 x 20.5	27 x 13.8 x 27
		mm	450x230x275	685x310x337	530x230x520	684x350x685
Weight		lbs	132	210	265	551
		kg	60	95	120	250
Noise		dB(A)	60			



Clean Application

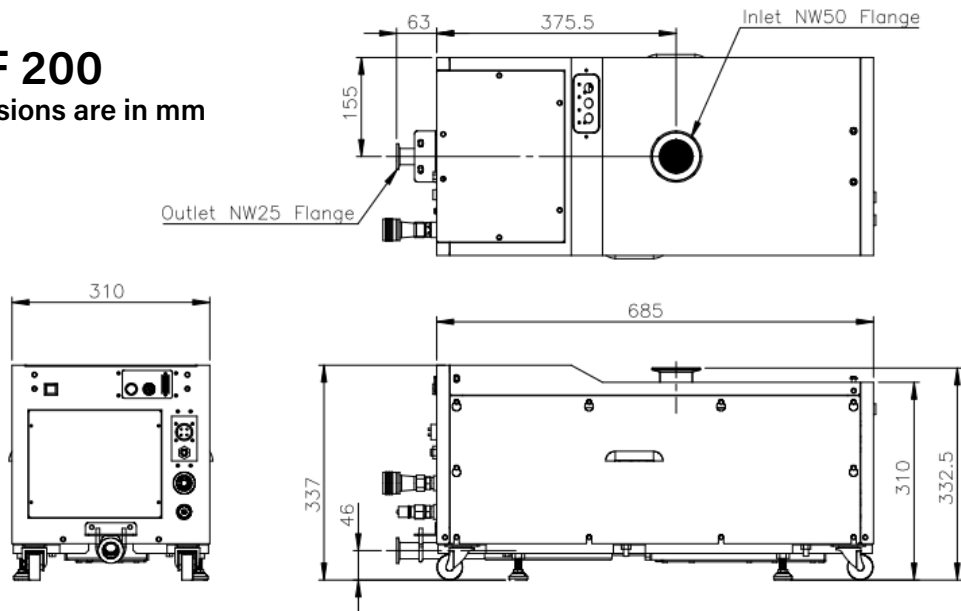
Harsh Application



PMF 100
Dimensions are in mm

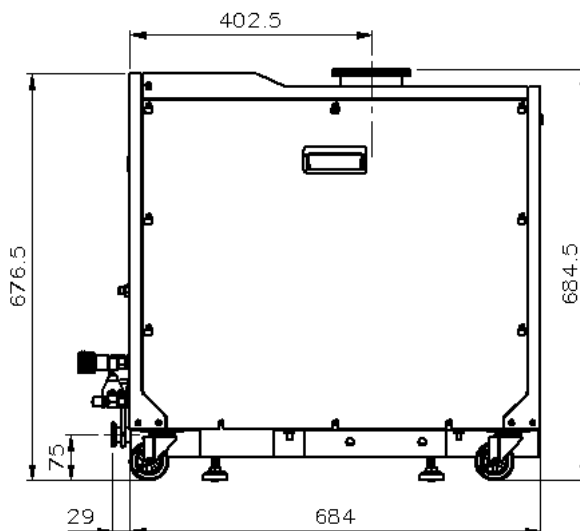
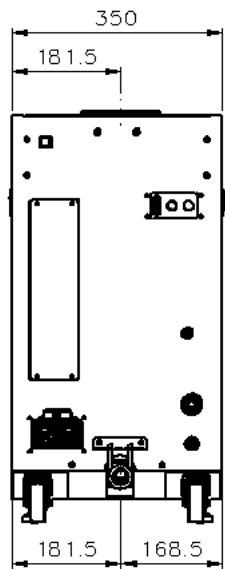
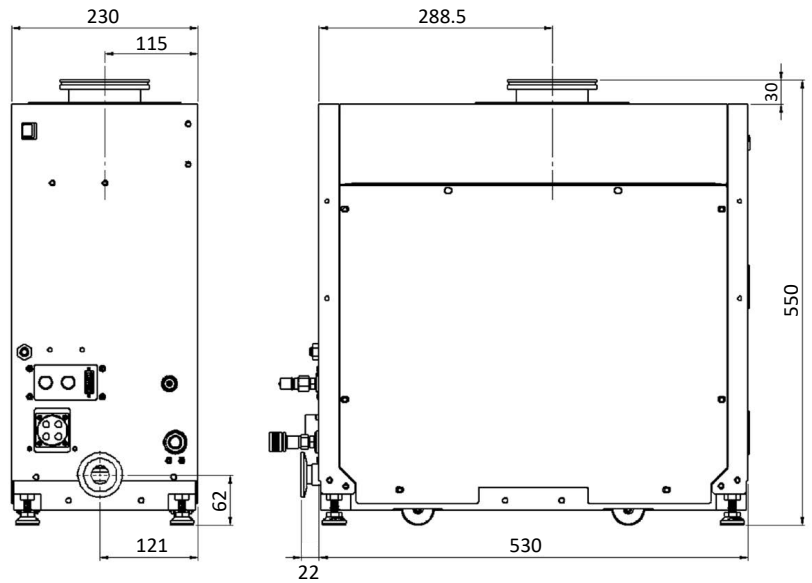
PMF 200

Dimensions are in mm



PMF 612

Dimensions are in mm



PMF 1212

Dimensions are in mm