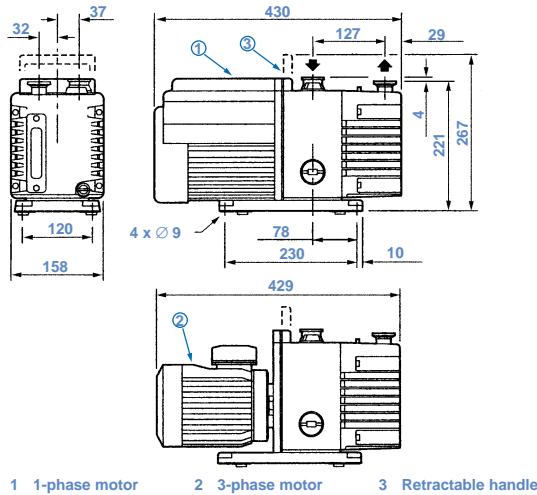


## RV3 Vacuum Pump



1 1-phase motor    2 3-phase motor    3 Retractable handle

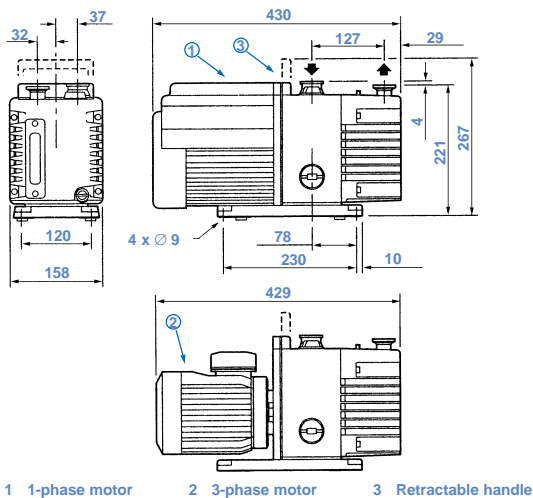
All dimensions in millimeters

Part No.	Displacement cfm	Price
A652-01-906	BOC Edwards Model RV3, 115V	
A652-01-903	BOC Edwards Model RV3, 220V	
A652-01-905	BOC Edwards Model RV3, 220V 3 phase	
A462-26-000	EMF10 Outlet Mist Filter	
A652-01-131	Clean and Overhaul Kit	
A652-01-130	Blade Kit	



Technical Data	
Number of Stages	2
Displacement (swept volume) 60 Hz	2.6 ft <sup>3</sup> min <sup>-1</sup> (4.5 m <sup>3</sup> h <sup>-1</sup> )
Speed (Pneurop) 60 Hz	2.3 ft <sup>3</sup> min <sup>-1</sup> (3.9 m <sup>3</sup> h <sup>-1</sup> )
Ultimate vacuum (total pressure) - High Vacuum Mode	
gas ballast closed	1.5x 10 <sup>-3</sup> torr(2 x 10 <sup>-3</sup> mbar)
with gas ballast	2.3 x 10 <sup>-2</sup> torr(3 x 10 <sup>-2</sup> mbar)
Ultimate vacuum (total pressure) - High Throughput Mode	
gas ballast closed	2.3x 10 <sup>-2</sup> torr(3 x 10 <sup>-2</sup> mbar)
with gas ballast	4.6 x 10 <sup>-2</sup> torr(6 x 10 <sup>-2</sup> mbar)
Inlet connection	NW25
Outlet connection	NW25
Maximum allowed pressure at outlet	14 psig (1 bar gauge)
Maximum allowed inlet and gas ballast pressure	7 psig (0.5 bar gauge)
Maximum inlet pressure for water vapor	60 torr (80 mbar)
Maximum water vapor pumping rate	0.60 kg h <sup>-1</sup>
Motor power 60 Hz	0.3 kW
Oil Capacity – maximum	0.7 liter
minimum	0.42 liter
Weight	47.3 lbs (21.6 kg)

## RV5 Vacuum Pump



1 1-phase motor    2 3-phase motor    3 Retractable handle

All dimensions in millimeters

Part No.	Displacement cfm	Price
A653-01-906	BOC Edwards Model RV5, 115V	
A653-01-903	BOC Edwards Model RV5, 220V	
A653-01-905	BOC Edwards Model RV5, 220V 3 phase	
A462-26-000	EMF10 Outlet Mist Filter	
A652-01-131	Clean and Overhaul Kit	
A653-01-130	Blade Kit	



Technical Data	
Number of Stages	2
Displacement (swept volume) 60 Hz	4.1 ft <sup>3</sup> min <sup>-1</sup> (4.5 m <sup>3</sup> h <sup>-1</sup> )
Speed (Pneurop) 60 Hz	3.6 ft <sup>3</sup> min <sup>-1</sup> (6.2 m <sup>3</sup> h <sup>-1</sup> )
Ultimate vacuum (total pressure) - High Vacuum Mode	
gas ballast closed	1.5x 10 <sup>-3</sup> torr(2 x 10 <sup>-3</sup> mbar)
with gas ballast	2.3 x 10 <sup>-2</sup> torr(3 x 10 <sup>-2</sup> mbar)
Ultimate vacuum (total pressure) - High Throughput Mode	
gas ballast closed	2.3x 10 <sup>-2</sup> torr(3 x 10 <sup>-2</sup> mbar)
with gas ballast	4.6 x 10 <sup>-2</sup> torr(6 x 10 <sup>-2</sup> mbar)
Inlet connection	NW25
Outlet connection	NW25
Maximum allowed pressure at outlet	14 psig (1 bar gauge)
Maximum allowed inlet and gas ballast pressure	7 psig (0.5 bar gauge)
Maximum inlet pressure for water vapor	38 torr (50 mbar)
Maximum water vapor pumping rate	0.60 kg h <sup>-1</sup>
Motor power 60 Hz	0.3 kW
Oil Capacity – maximum	0.7 liter
minimum	0.42 liter
Weight	48 lbs (21.5 kg)