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FSC : Sacramento (CA)  
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#### CAUTION

● The Products described herein fall under "the goods listed in row 16 of the appended table 1 of the Export Trade Control Order of Japan", so in cases of export of such Products, you need to confirm "use" and "purchaser and/or end-user" and, as case may be, obtain the approval of the Minister of Economy, Trade and Industry. (Please confirm these conditions on your own.)

For more information, please contact our sales office located near you.

● Please refer to product instruction manual for safe operation.

● All specifications are subject to change without notice.

● "Model ○○○" in this catalogue is our model code.

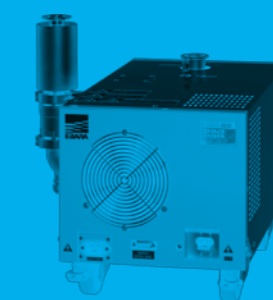
80-032-E  
'13 Jan. (the first edition) MR



# EBARA Dry Vacuum Pump Model EV-A10

## Innovative Technology

Compact Packaged, Air Cooled, Roughing Dry Pump



\*Model ○○○\* in this catalogue is our model code.

# Model EV-A10

## Compact Packaged, Air Cooled, Roughing Dry Pump

### Features

- Small air cooled dry pump suitable for many vacuum applications.
- Flat pumping curve make this an excellent pump for pumping from atmospheric pressure.
- Highly flexible installation with power as the only required utility.
- Suitable applications include: Load locks, PVD Systems, Analytical Instruments, replacing wet pumps.
- CE marked and NRTL.



### Specification Summary

Model	Model EV-A10-2U	Model EV-A10-2S	Model EV-A10-3U	Model EV-A10-3S
Pumping Speed	Max.	1,000L/min	1,000L/min	1,000L/min
	Atmospheric Open	800L/min	800L/min	800L/min
Ultimate Pressure	Gas Ballast: Off	1.0Pa	1.0Pa	1.0Pa
	Gas Ballast: On <sup>※1</sup>	2.0Pa	2.0Pa	2.0Pa
Max. Inlet Pressure	Atmospheric Pressure		Atmospheric Pressure	
Max. Water Vapor Pumping Rate (at Gas Ballast: On) <sup>※1</sup>	500g/h		500g/h	
Connection	Inlet	NW40	NW40	NW40
	Outlet	NW40	NW40	NW40
Approx. Power at Ultimate Pressure	1.1kW		1.1kW	
Approx Weight	75kg		75kg	
Power Phase/Voltage/Freq.	1Phase, 200/240V (50/60Hz)		3Phase, 200/240V (50/60Hz)	
Ambient Temperature	5-40°C		5-40°C	

※1 The gas ballast is optional for Model EV-A10-2U and Model EV-A10-3U.  
 (note 1) Model EV-A is designed for clean vacuum applications. Do not exhaust corrosive gas and flammable gas with this pump. Moreover, it is not possible to use it for the usage in which a reaction by-products is generated.  
 (note 2) Please use Model EV-A10-2S or Model EV-A10-3S when introducing a condensable gas, such as water vapor, into the pump, remove the plug of the gas ballast port and operate a pump.

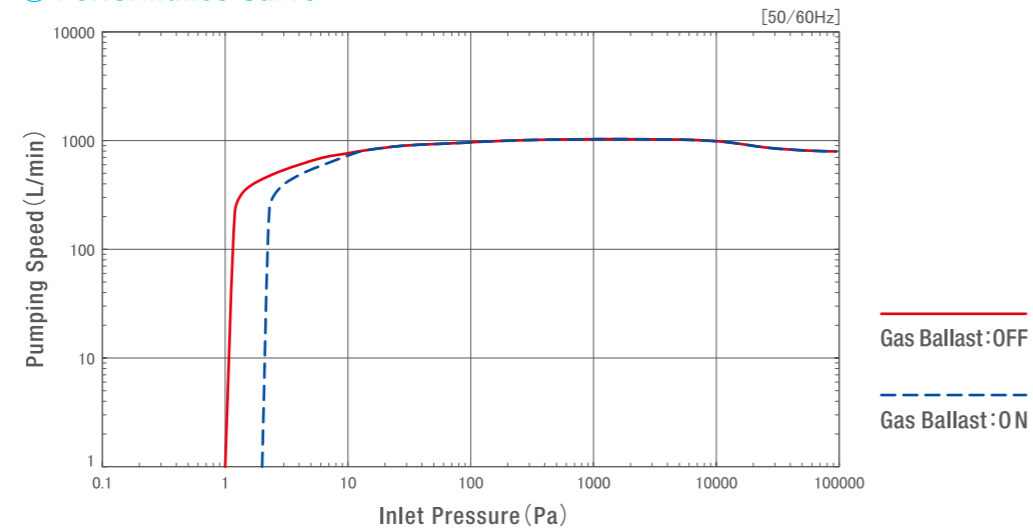
### Option

Gas ballast for EV-A10-2U,3U/Pump fixture/Control connector (plug)/Control cable (L=5m, w/o end treatment)  
 Power cable (L=5m, w/o end treatment)/NW40 center-ring with mesh filter (for Pump Inlet)

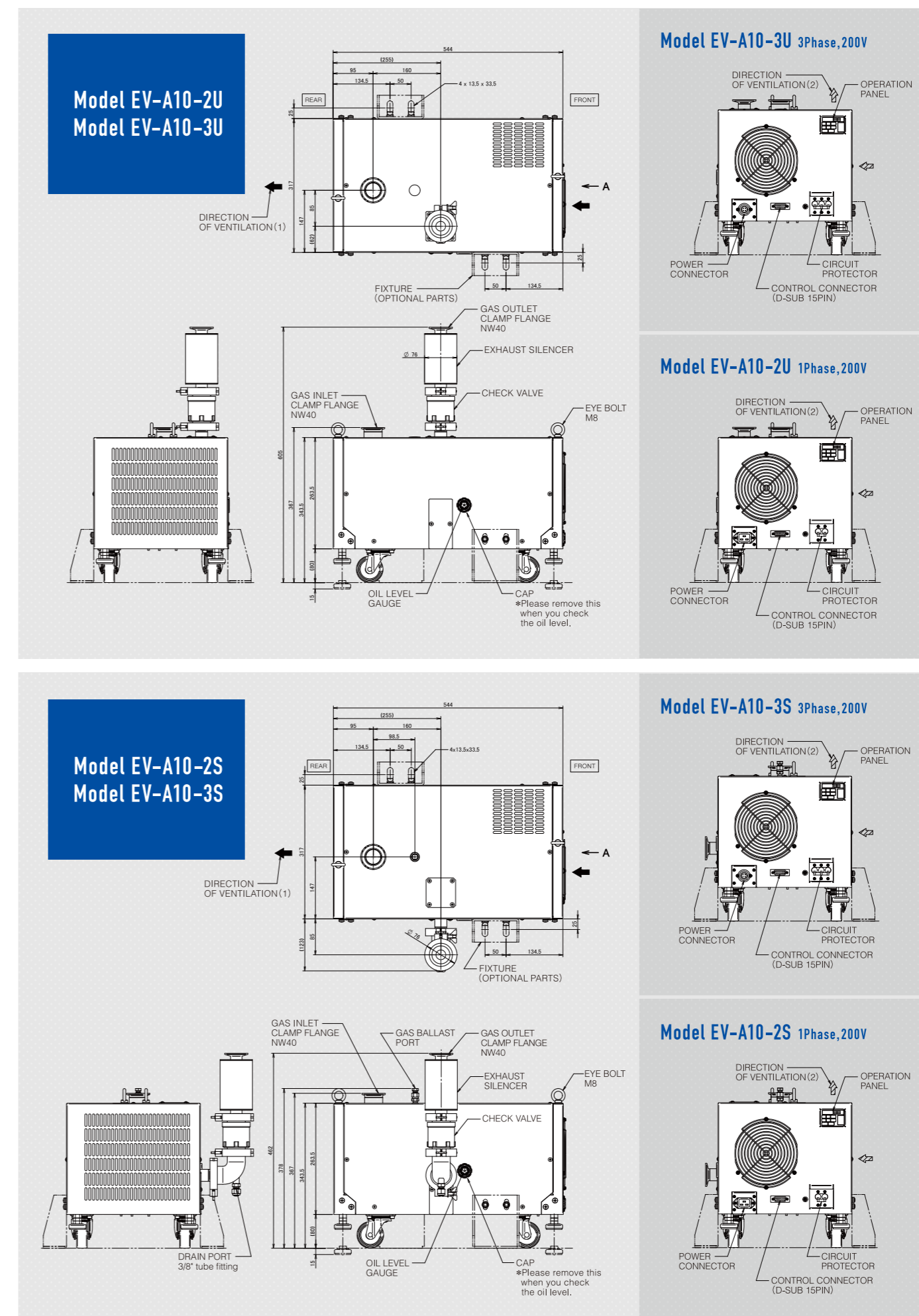
### Detailed explanation

Model	Detail		
	Phase/Volt	Gas outlet	Remarks
Model EV-A10-2U	1Phase/200V	Upside	Standard
Model EV-A10-2S		Side	For Condensable Gasses
Model EV-A10-3U	3Phase/200V	Upside	Standard
Model EV-A10-3S		Side	For Condensable Gasses

### Performance Curve



### Outline Drawing (unit:mm)



Model EV-A10-2U  
 Model EV-A10-2S  
 Model EV-A10-3U  
 Model EV-A10-3S