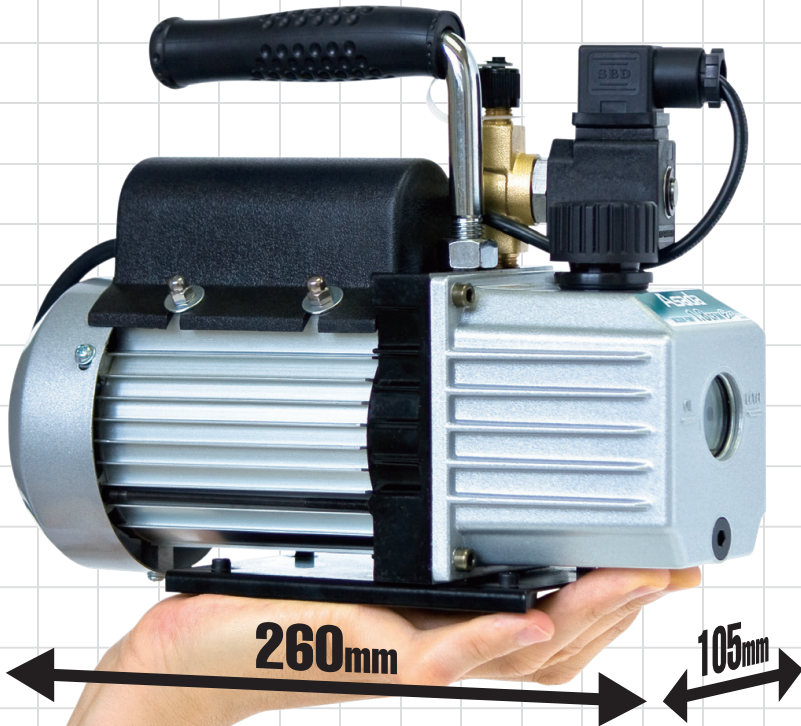


Vacuum Pump *Eco* Series

The lightest and compact pump in the same class!!

For small job such as a room air conditioner and also for large job such as a commercial air conditioner of 5HP or so.



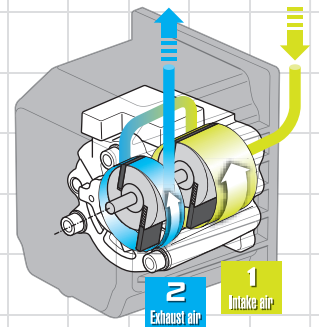
Equipped with a 2 pole condenser motor

- Ultracompact but enough exhaust rate.

High precision 2-stage vacuum pump

- Ultimate vacuum 25 micron.

Two rotary pumps are placed in series to get larger compression ratio for lower pressure (higher vacuum).



Built-in metal mesh filter

- Reduces oil-mist specific to oil rotary vacuum pumps.



5.0
kg

Applicable to CFC · HCFC · HFC refrigerants



Vacuum Pump 1.8CFM *Eco*

Code No. WV211



~5HP or so	50 L/min	
2 stage	2 pole	25 micron
Solenoid oil check valve	Oil-mist prevention	

Exhaust rate	42L/min(50Hz) · 50L/min(60Hz)
Ultimate vacuum	3.0Pa abs. (25 micron)
Pump speed	2,880min ⁻¹ (50Hz) · 3,440min ⁻¹ (60Hz)
Motor	220-240V 200W
Weight/Dimensions	5.0kg/(L)260 x (W)105 x (H)200mm
Oil capacity	150ml
Intake	1/4", 5/16" (male flare)
Standard accessory	Vacuum pump oil 0.23L

※Exhaust rate and ultimate vacuum are according to our own survey.

<Optional accessory>

- Carrying case
- Code No. XP811





Applicable to CFC · HCFC · HFC refrigerants

Vacuum Pump 2·4·6CFM Eco

- 2 stage
- 4 pole
- 15 micron
- High Vacuum
- Solenoid oil check valve
- Oil-mist prevention
- Usable in cold climates
- Usable at low voltage
- Forced lubrication



2CFM Eco

~7HP or so
57 L/min

Code No. WV221

4CFM Eco

~20HP or so
113 L/min

Code No. WV241

6CFM Eco

~30HP or so
170 L/min
2 capacitor

Code No. WV261

Item	2CFM Eco	4CFM Eco	6CFM Eco
Code No.	WV221	WV241	WV261
Exhaust rate	51L/min (50Hz) 57L/min (60Hz)	100L/min (50Hz) 113L/min (60Hz)	142L/min (50Hz) 170L/min (60Hz)
Ultimate vacuum	2.0Pa abs. (15 micron)		
Pump speed	1,440min ⁻¹ (50Hz) · 1,720min ⁻¹ (60Hz)		
Motor	220-240V 250W	220-240V 375W	220-240V 550W
Weight	9.4kg	11.2kg	16.5kg
Dimensions	(L) 310 x (W) 124 x (H) 225mm	(L) 335 x (W) 138 x (H) 265mm	(L) 390 x (W) 145 x (H) 290mm
Oil capacity	260ml	390ml	580ml
Intake	1/4", 5/16" (male flare)	1/4", 3/8" (male flare)	1/4", 3/8" (male flare)
Standard accessories	Vacuum pump oil 0.35L x 1	Vacuum pump oil 0.35L x 2, Adapter for different diameter 1/4" female x 5/16" male	Vacuum pump oil 0.35L x 2, Adapter for different diameter 1/4" female x 5/16" male

<Optional accessory>



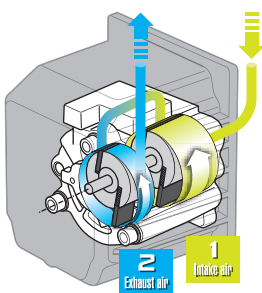
Item	Carrying case	
Applicable model	2CFM Eco 4CFM Eco	6CFM Eco
Code No.	XP511	XP800

※ Exhaust rate and ultimate vacuum are according to our own survey.

High precision 2-stage pump & built-in forced lubrication pump

- Higher vacuum.
- Improved oil film performance for longer service life!

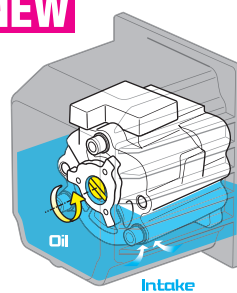
2-stage



Two rotary pumps are placed in series to get larger compression ratio for lower pressure (higher vacuum) .

Forced lubrication

NEW



Built-in forced lubrication pump prevents vacuum pump from damage due to insufficient oil volume.

Equipped with a 4 pole high torque motor

- Ultrahigh performance vacuum pump which can start and run stably even in wintertime or at low voltage by two condensers for starting and running. (6CFM)
- Equipped with a start capacitor for stable starting even in wintertime or at low voltage. (2 · 4CFM)

Ultimate vacuum 15 micron

- High vacuum achieved by high precision machining technology.

Built-in metal mesh filter

- Reduces oil-mist specific to oil rotary vacuum pumps.



● Distributed by _____