

Air Cooled Dry Pump
PK Series



A durable air-cooled pump with up to 3 years and beyond maintenance free significantly reduces cost. (3 year maintenance cycle is recommended for clean application such as pumping air or N₂)

- Maintenance Free
- Non-Contacting internal components
- Air Cooled Design
- Hassle free and easy installation
- Gas ballast mechanism allows water vapor evacuation
- Exhaust port location selection is available for either top (vertical) or side (horizontal)

■ Specifications

Specification / Model	PK250	PK600	PK1000
Max. Pumping Speed (L/min)*1	250	600	1,000
Ultimate Pressure (Pa) *1	1.0		
Power Source (50/60Hz)*2	1 Phase AC100-120V	3 Phase AC200-240V	
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	3 Phase AC200-240V		
Gas Ballast *3	Available (N ₂ or Air)		
Max Allowable Moisture (g/h)*4	250	350	600
Inlet/Outlet port diameter (mm)	NW25/NW25	NW40/NW25	
Noise (dB(A)) *5	< 56	< 58	< 60
External Dimensions(WxDxHmm)	210x385x250		
Weight (kg)	23	54	56
Accessories	Silencer, Power cable 2m, Gas ballast valve, PTFE sealing,		

*1) Value without gas ballast.

*2) The other voltage options are available.

*3) Gas ballast mechanism options are available for vapor gas applications.

*4) Maximum allowable amount with gas ballast mechanism fully open.

*5) Value with inlet port fully closed.

■ Example of installing

By connecting Cooling trap and Vacuum pump,, optimum system can be constructed.



PK250 with Vacuum oven Model: DP610, Cold trap Model: CA801