



NeoDry

7E | 15E | 30E | 36E | 60E

Air-Cooled, Dry Vacuum Pump

- Simple Hookup – Does not require Water or N₂
- Ideal replacement for scroll and oil sealed pumps
- Maintenance Free – 3 year cycle. Non-Contact Internal Components
- Excellent for pumping water vapor and other condensable vapors.



Applications

Cryo Pumps Regeneration
Mass Spectrometers
Electron Microscopes
Surface Analyzers

Leak Detectors
Optical Spectrometers
Particle Accelerators
Turbo Pumping Stations
Laboratories

Lamp Manufacturing
Vacuum Coating
Plasma Cleaning
Drying
Load-Locks



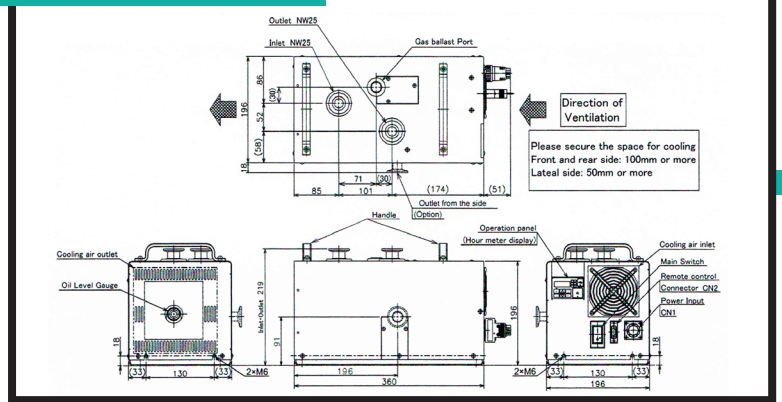
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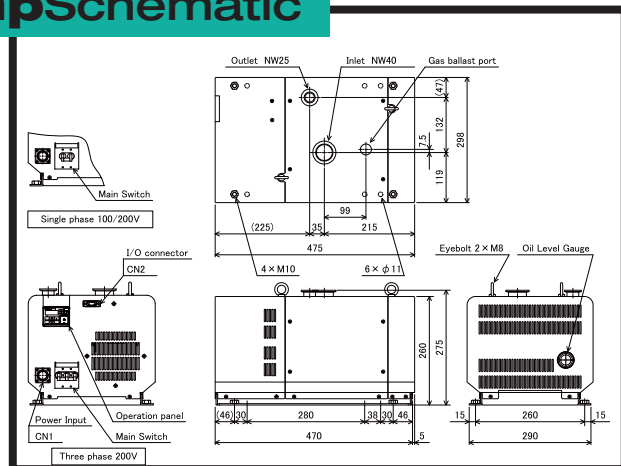
PumpSchematic



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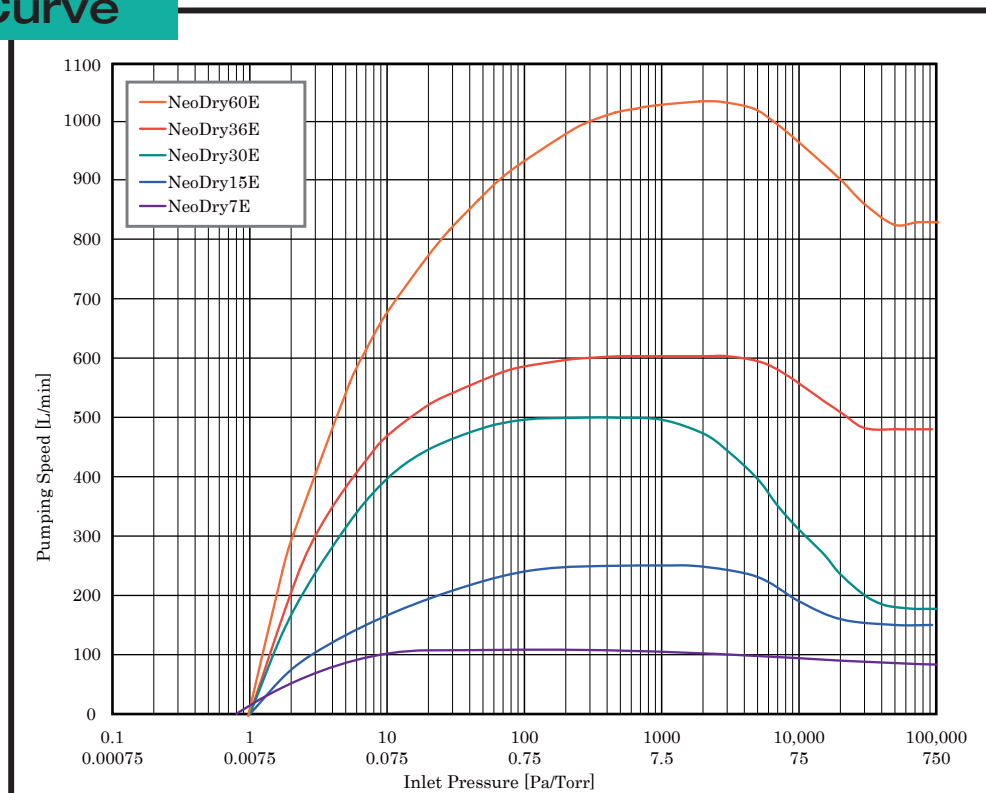




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PumpingCurve

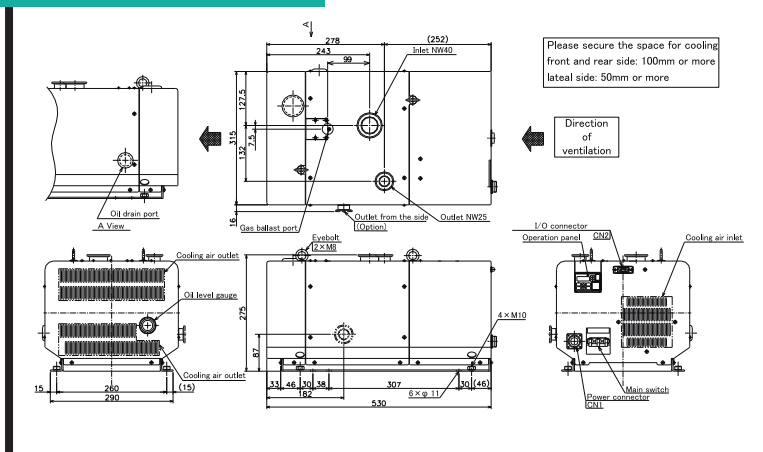


Because we are constantly working to improve performance and upgrade our products, specifications and diagrammatic representations in this catalog may change without notice.

Products displayed in this catalog must be approved for export in accordance with the Foreign Exchange and Foreign Trade Control Act. Before placing an export order, please contact our Business Department.

NeoDry 60E

PumpSchematic



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Specification Table

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Item	NeoDry 7E	NeoDry 15E	NeoDry 30E	NeoDry 36E	NeoDry 60E
Max. Pumping Speed (l/min)	110	250	500	600	1000
CFM	3.9	8.8	17.7	21.2	35.3
Ultimate Vacuum (Pa)	5	≤1.0			
mTorr	37 mTorr	7.5 mTorr			
Max. Inlet Pressure	Atmospheric				
Connection Size	Intake	NW25	NW25	NW25	NW40
	Exhaust	NW25	NW25	NW25	NW25
Rated Motor Output (kW)	0.4	0.4	0.75		1.5
Power Source (50/60Hz) *1	Single Phase: AC100~120V Single Phase: AC200~240V	Single Phase: AC100~120V Single Phase: AC200~240V 3 Phase: AC200~240V			Single Phase: AC200~240V 3 Phase: AC200~240V
Gas Ballast *2	Available (N2 or Air)				
Allowable Max. Moisture	120 g/h	250g/h		350g/h	600g/h
Noise (dB (A))	≤56	≤56		≤58	≤60
Weight (Kg)	20	23	25	54	56
Pounds	44	51	55	119	124

*1 Please consult us when using another power source.

*2 Gas Ballast is required when pumping Moisture and Condensable Gases.

*3 This value is measured when gas ballast valve is fully opened.

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