



NeoDry

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-lock



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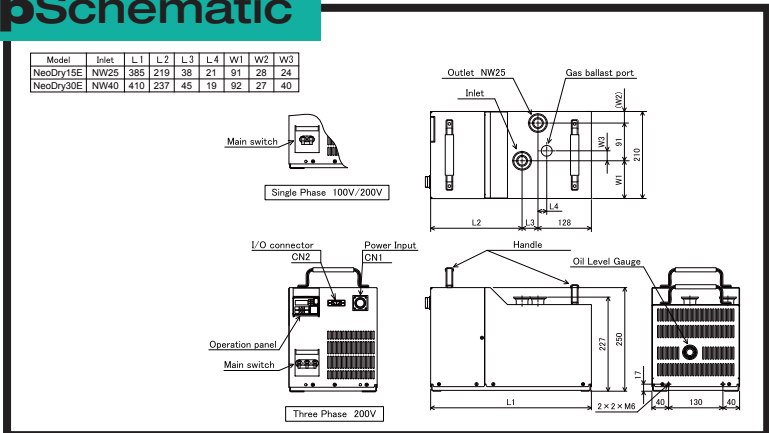
NeoDry

15E | 30E

PumpSchematic



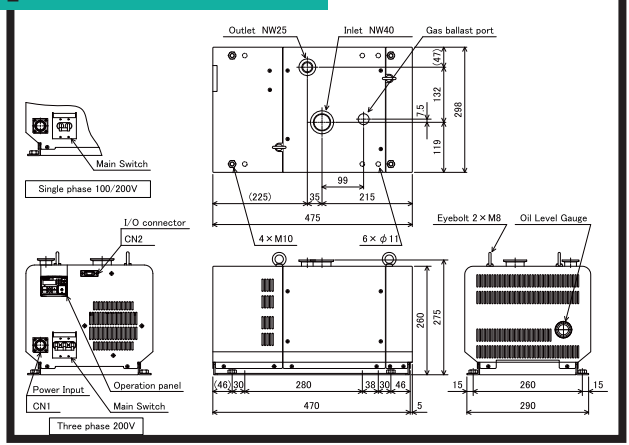
Model	Inlet	L1	L2	L3	L4	W1	W2	W3
NeoDry15E	NW25	385	219	38	21	91	28	24
NeoDry30E	NW40	410	237	45	19	92	27	40



NeoDry

36E

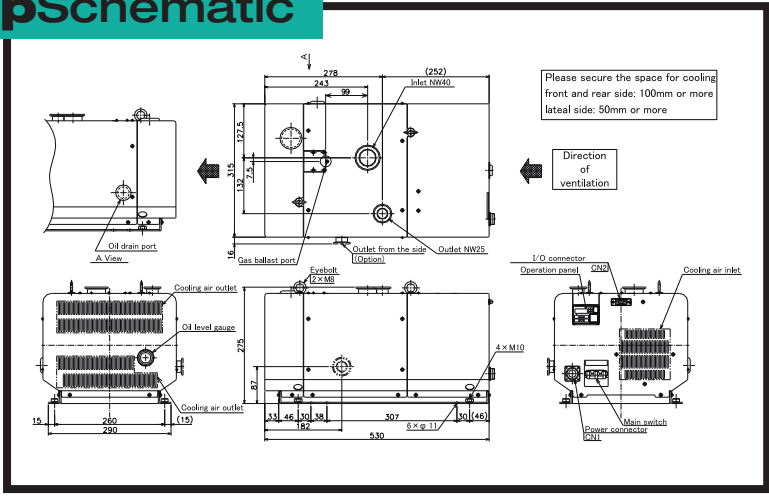
PumpSchematic



NeoDry

60E

PumpSchematic

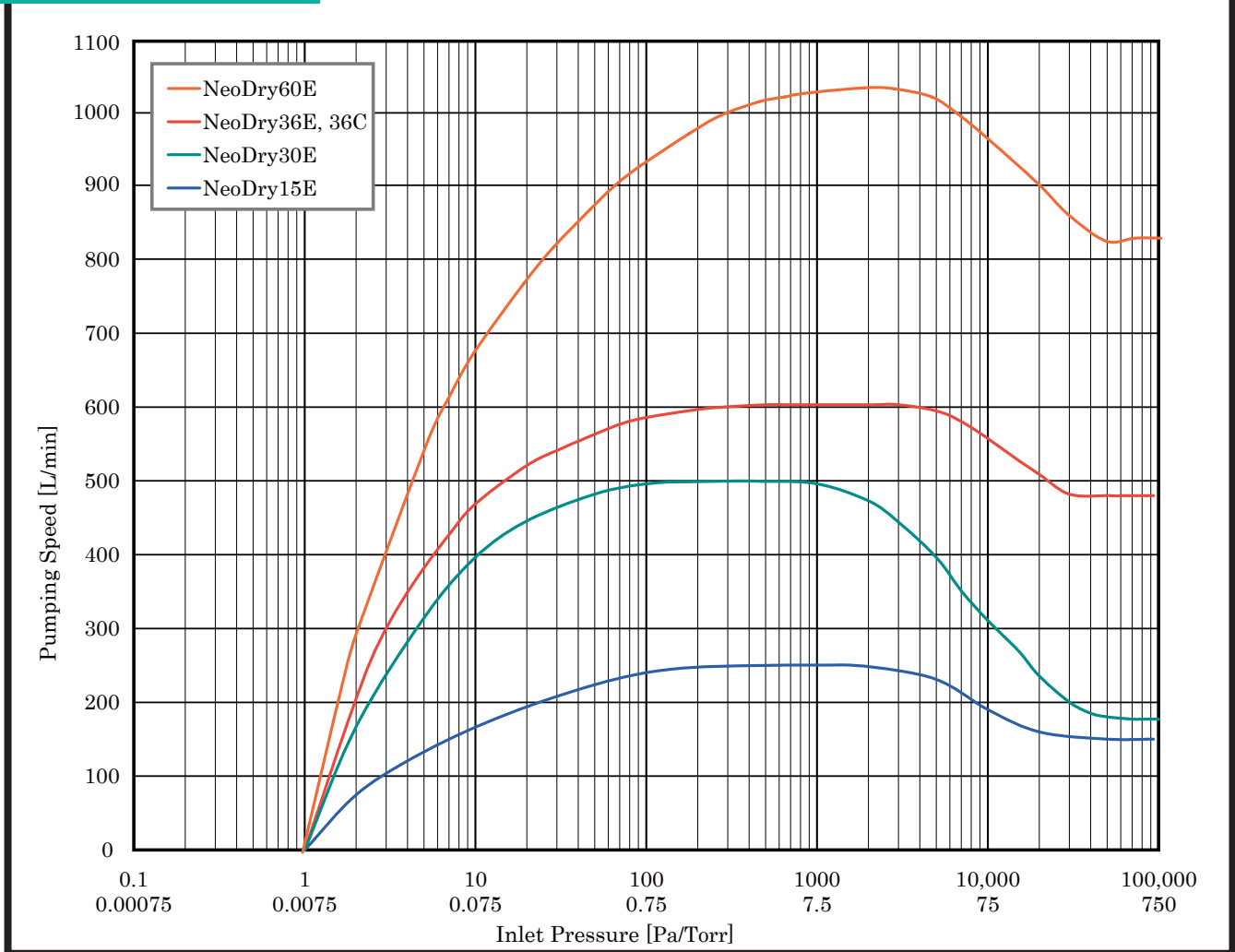




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Pumping Curve



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.



Synergy Systems Corporation, Inc.

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Specification Table

Item	NeoDry 15E	NeoDry 30E	NeoDry 36E	NeoDry 60E	Note
Max. Pumping Speed (l/min)	250	500	600	1000	
CFM	8.8	17.7	21.2	35.3	
Ultimate Vacuum (Pa)	≤1.0				
mTorr	7.5 mTorr				
Max. Inlet Pressure	Atmospheric				
Connect ^{Sn} Size	Intake	NW25	NW25	NW40	
	Exhaust	NW25	NW25	NW25	
Rated Motor Output (kW)	0.4	0.75		1.5	
Power Source (50/60Hz) *1	Single Phase: 100-115V	Single Phase: 200-240V	Single Phase 3 Phase: 200-240V	3 Phase: 200-240V	
Gas Ballast *2	Available (N2 or Air)				Optional
Allowable Max. Moisture *3	250g/h	350g/h		600g/h	
Noise (dB (A))	≤56	≤58		≤65	with Inlet Closed
Weight (Kg)	23	25	54	56	
Pounds	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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