



# 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



PO Box 177 | 2510 N. Townsend Ave.  
 Montrose, Colorado 81401

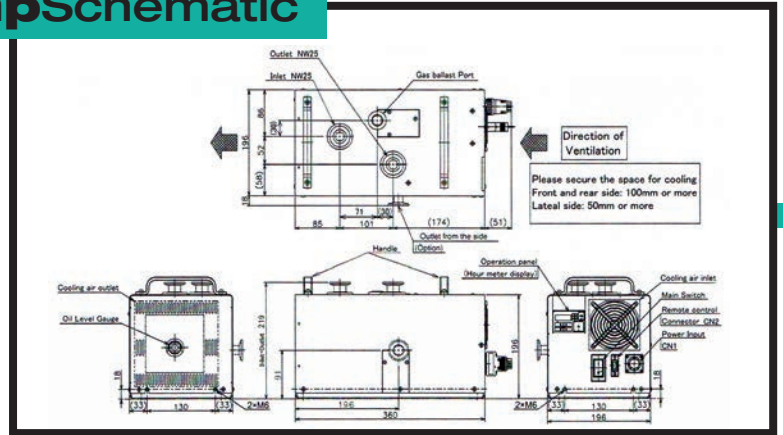
**970-240-9429**

Fax: 970-240-8996

[sales@SynSysCo.com](mailto:sales@SynSysCo.com)

# NeoDry 7E

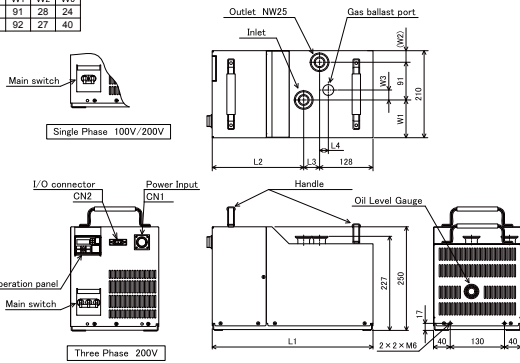
## PumpSchematic



# NeoDry 15E | 30E

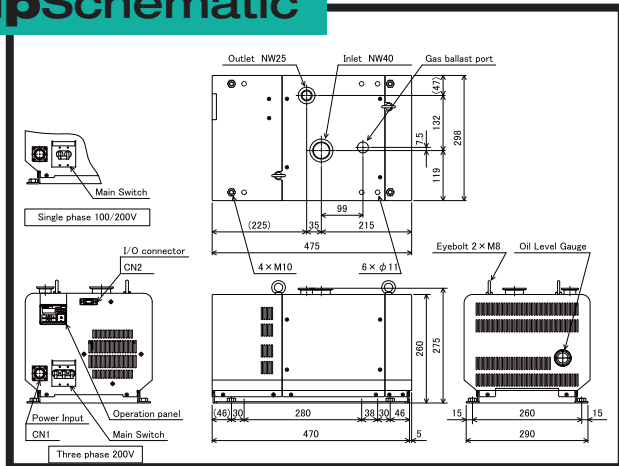
## PumpSchematic

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

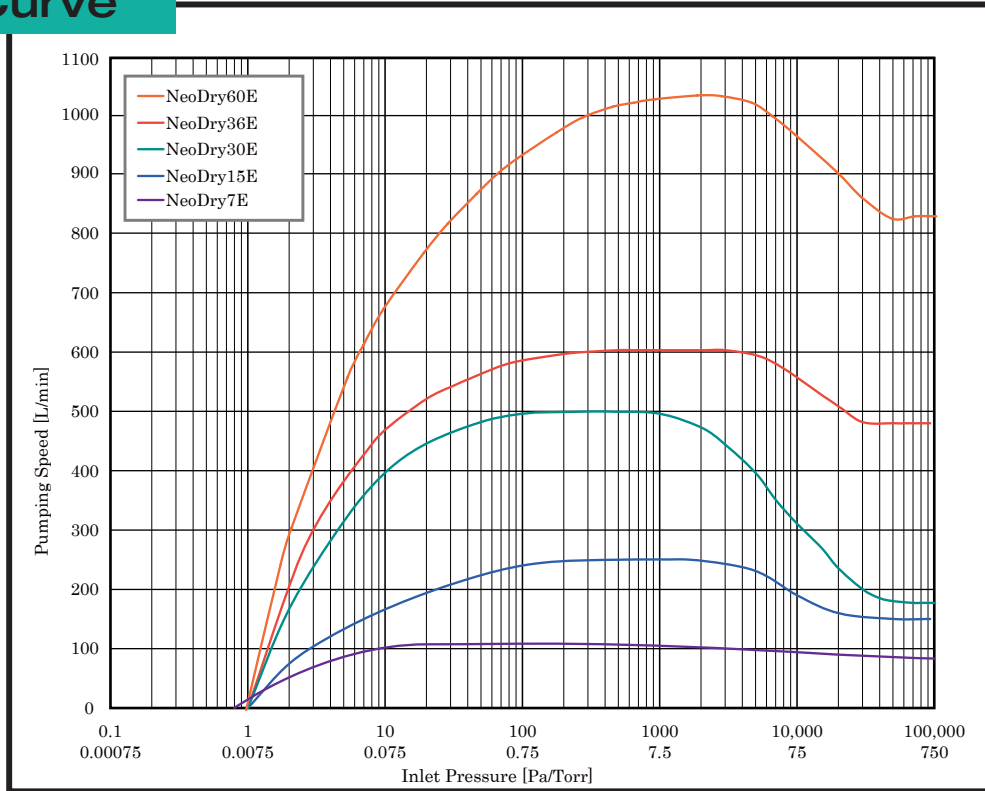




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## PumpingCurve



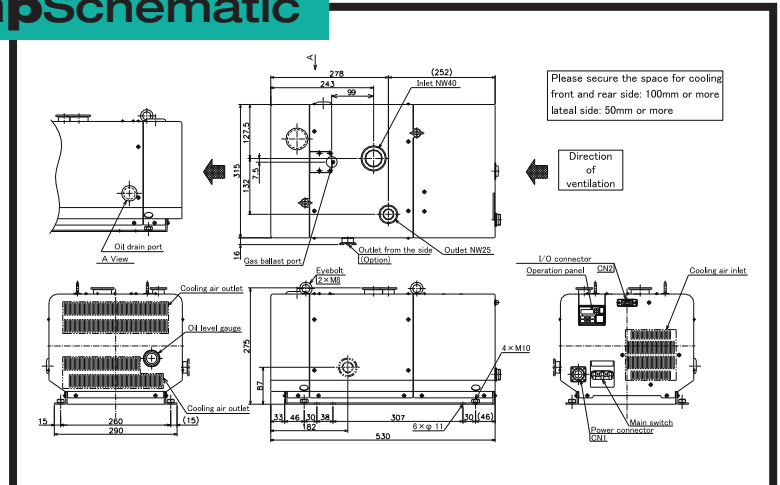
Because we are constantly working to improve performance and upgrade our products, specifications and diagrammatic representations in this catalog may change without notice.

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



# Synergy Systems Corporation, Inc.

PO Box 177 | 2510 N. Townsend Ave. | Montrose, Colorado 81401

866-379-7867 | Fax: 970-240-8996 | sales@SynSysCo.com

## Specification Table

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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