



NX Series Liquid Ring Vacuum Pumps

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Description: **Single-Stage Liquid Ring Vacuum Pump**

Type: **Single Cone**

Models: **NX-35, 45, 60, 80 & 130**

Power Range: **5-50 HP**

Capacity Range: **200-800 CFM**

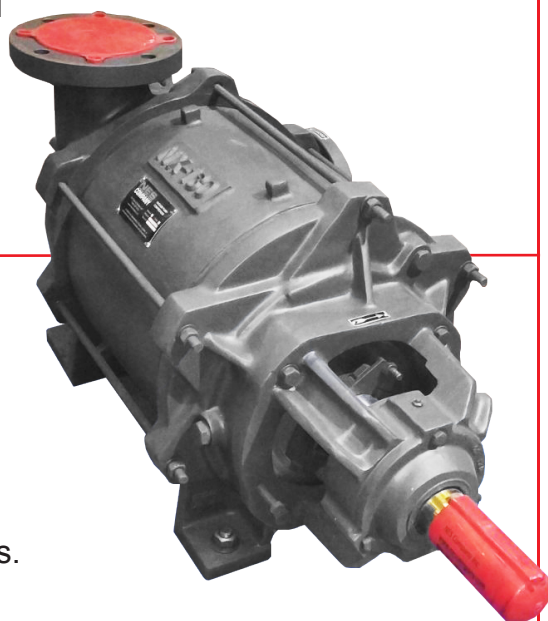
Max Vacuum: **28" Hg**

Overview

Our NX series are designed as drop-in replacements for the Nash* XL series vacuum pumps. These pumps are designed to have only one moving part to induce maximum mechanical stability with maximum reliability. These pumps are suited to deliver vacuum at maximum capacity in tough conditions of sudden water and particle slugs. We offer versions with capacities ranging from 200-800 CFM.

Features

- Drop-in replacement for Nash* XL series.
- Capable to be driven by variable frequency drives.
- Capability to sustain back pressures.
- Capability to be used with a variety of mechanical seals.
- Standard construction is Cast Iron with mechanical seals.
- Optional 304/316 Stainless Steel construction.
- Parts and repair kits readily available.
- Available as bare pump or as a part of engineered systems.
- Pump is performance tested before delivery.
- 2- year factory warranty.



Materials of Construction

Part	Standard Material of Construction	Optional Material of Construction
Body, Head and Cones	Cast Iron	304 or 316 Stainless Steel
Rotor	Cast Iron	
Shaft Sleeve	Cast Iron	
Shaft	Cast Iron	
Seal	Mechanical Seals	Mechanical seals optional

Applications

- Chemical Processing
- Drying
- Deaerating
- Central Vacuum System
- Fiber Setting
- Exhausting Molding
- Slot Extraction
- Evaporating
- Chucking
- Extruder Venting
- Forming
- Molding
- Cooking

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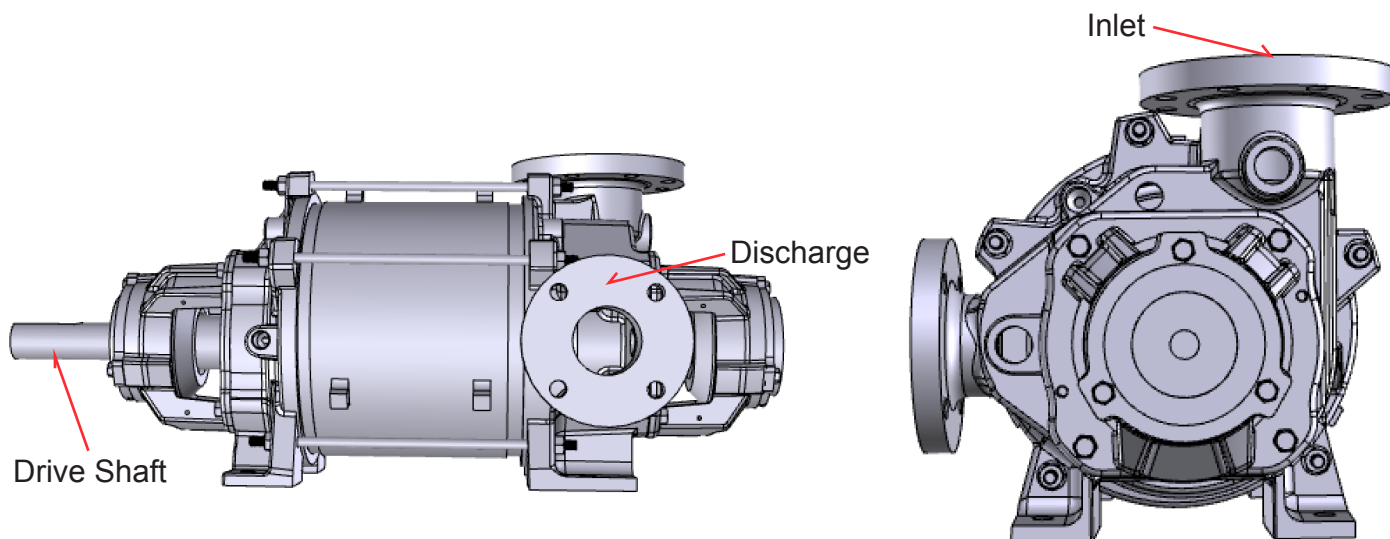
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Model	Max Vacuum [inHg]	Capacity [CFM] @ 22" Hg	Motor Power [HP]	Inlet [in]	Discharge [in]	Seal Water Usage [GPM]	Seal Water Size [in]
NX-35	28	200	5-15	3	2	1.5-3.0	1/2
NX-45	28	280	5-18	3	3	1.5-3.0	1/2
NX-60	28	395	5-25	4	4	5.0-10.0	1
NX-80	28	500	5-30	4	4	5.0-10.0	1
NX130	28	800	5-50	4	4	6.0-12.0	1



TYPICAL NX SERIES LAYOUT

See pump drawing for more details & dimensions

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