



NC Series Liquid Ring Vacuum Pumps

NC Series Liquid Ring Vacuum Pumps

Description: Single-Stage Liquid Ring Vacuum Pump
Type: Conical, Single Cone
Models: NC-2, 3, 4, 5, 6 & 7
Power Range: 7.5-75 HP
Capacity Range: 125-1150 CFM
Max Vacuum: 28" Hg

Overview:

NES Company is proud to offer our single stage/single cone NC Series liquid ring vacuum pumps. These new pumps have been designed to be drop-in replacements for classic Nash* SC Series pumps. NES pumps are factory performance tested and include a 2-year warranty.



Features:

- Drop-in replacement for classic Nash* SC series.
- Standard construction is Cast Iron with Teflon Packing.
- Optional 304 or 316 Stainless Steel construction.
- Optional factory installed mechanical seals.
- Parts and repair kits available to fit Nash* SC Series.
- Available in bare pump, direct drive or V-belt systems.
- 2-year factory warranty.

Materials of Construction:

Part	Standard Material of Construction	Optional Material of Construction
Housing & Head	Cast Iron	304 or 316 Stainless Steel
Rotor	Ductile Iron	
Cone	Cast Iron	
Shaft	Alloy Steel	
Seal	Teflon Packing	Mechanical seals optional

Applications:

- | | | |
|--|--|---|
| <ul style="list-style-type: none"> • Autoclaves • Forming • Drying • Exhausting • Filtering • Priming • Molding | <ul style="list-style-type: none"> • Chucking • Cooking • Evaporating • Extruder Venting • Forming • Slot Extraction • Central Vacuum Systems | <ul style="list-style-type: none"> • Container Filling • Deaerating • Eviscerating • Fiber Setting • Gas Stripping • Solvent Recovery • Foods & Fats |
|--|--|---|

NES Company Inc.
31 Fairfield Place
West Caldwell, NJ 07006

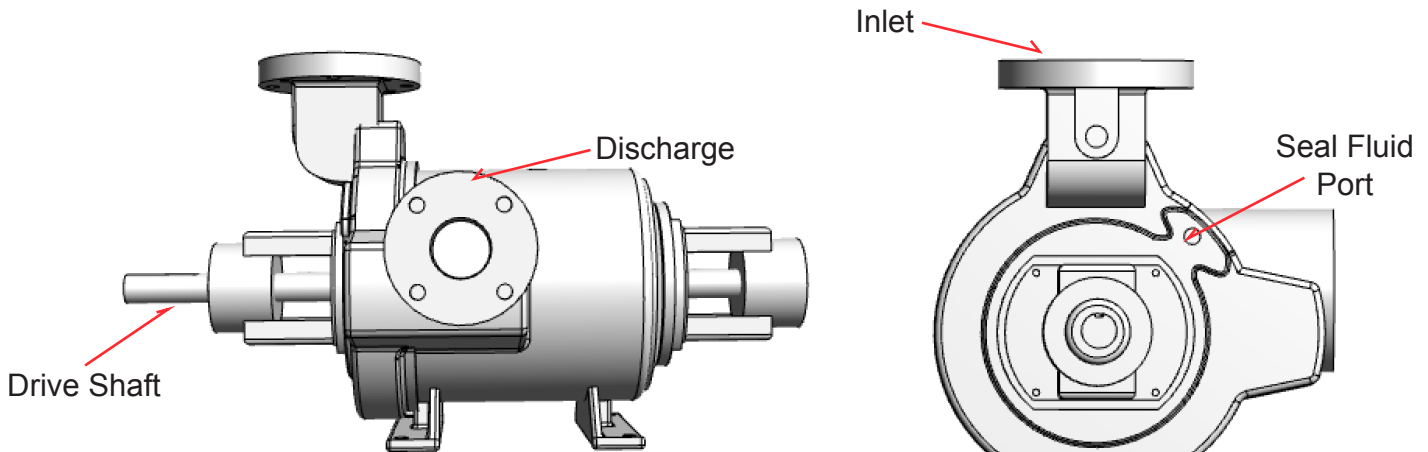
(800) 297-3550
www.nescompany.com
info@nescompany.com



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Model	Max Vacuum [”Hg]	Speed [RPM]	Capacity [CFM] @ 22” Hg	Motor Power [HP]	Inlet [in]	Discharge [in]	Seal Water Usage [GPM]	Seal Water Size [in]	Pump Weight Dry [lbs.]
NC-2	28	1450	125	7.5	3 FL	2 FL	1.5	1/2 NPT	245
		1750	165	10			1.5		
		2100	190	15			3.0		
NC-3	28	980	200	15	4 FL	3 FL	4.0	3/4 NPT	455
		1170	260	15			4.0		
		1450	330	20			4.0		
		1600	360	25			8.0		
NC-4	28	1170	340	20	4 FL	3 FL	5-10	3/4 NPT	470
		1320	380	25					
		1450	415	30					
NC-5	28	1170	440	25	4 FL	3 FL	5-10	3/4 NPT	535
		1280	490	30					
		1450	550	40					
NC-6	28	820	500	30	6 FL	4 FL	7-14	1.0 NPT	920
		980	650	40					
		1170	775	50					
NC-7	28	705	900	50	6 FL	6 FL	12-18	1.0 NPT	1450
		795	1000	60					
		880	1100	65					
		930	1150	75					



TYPICAL NC SERIES LAYOUT
See pump drawing for more details & dimensions

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West Caldwell, NJ 07006

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www.nescompany.com
info@nescompany.com

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