

# NASH Vacuum Pumps for the Poultry Industry



**When replacing or repairing your existing vacuum system, the NASH Vectra line is the ideal solution, providing lower life cycle costs than other vacuum pumps.**

### The Nash Vectra will:

- Lower water usage by 65%
  - Save up to 6 million gallons per year
  - Savings in water usage alone can pay for the pump in 6-12 months
  - Lower water usage will eliminate the need for costly and troublesome recirculation systems
- Restore the vacuum system to like new performance
  - Providing quicker response time
  - Enabling better removal
  - Reducing the occurrence of plugged pipelines
- Save energy through it's efficient design
  - Wide operating speed enables use of VFD's



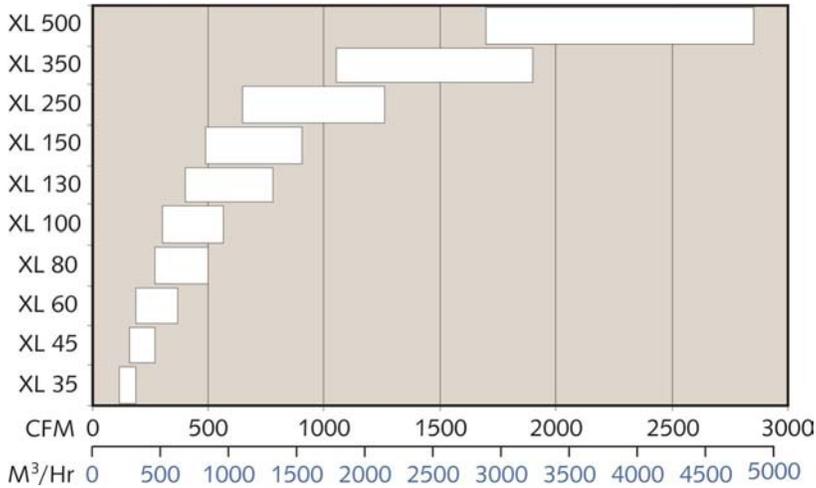
**Equip the Vectra with an economical partial recirculating seal arrangement, and save yet another 35% on what is already the lowest water usage in the industry.**

## Operating Cost Calculator

	CFM	Seal Water (GPM)	Gallons / Year	Annual Water Cost	Potential Annual Savings
<b>Vectra XL 150</b>	800	7	3,360,000	\$10,000	
<b>Competitor A</b>	760	15	7,200,000	\$21,500	\$11,500
<b>Competitor B</b>	730	20	9,600,000	\$28,500	\$18,500

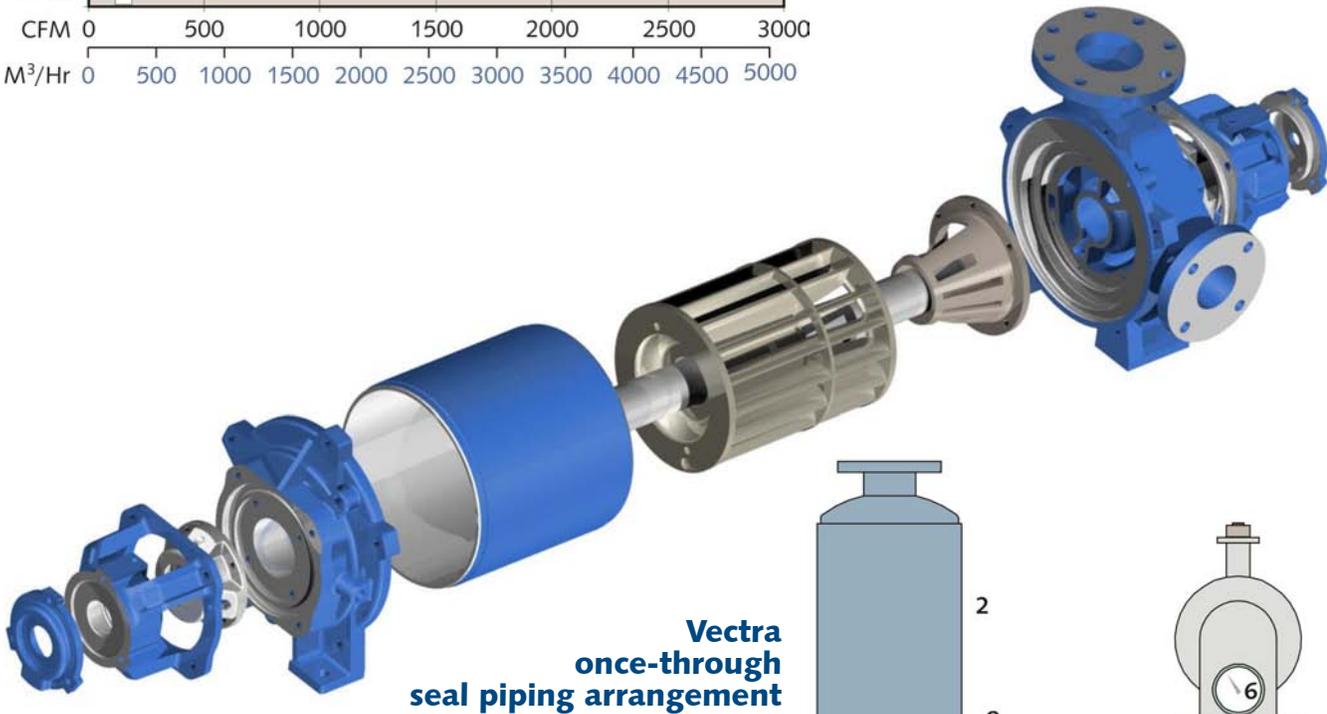
Examples based on 8000 Hours operation \$3.00 per 1000 gallons usage cost

## Vectra Performance



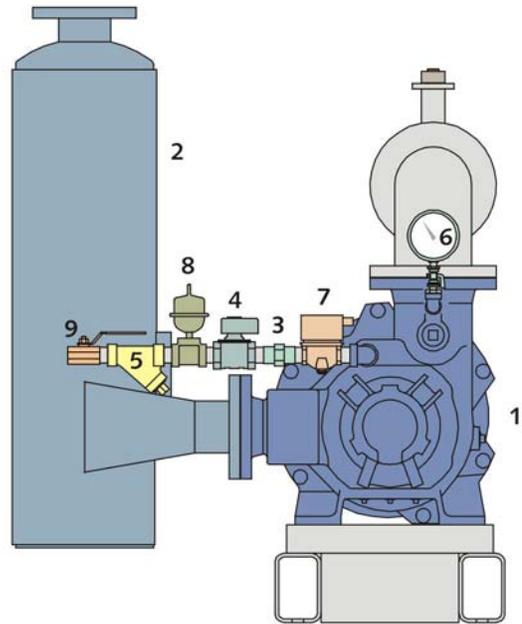
Nash has decades of experience providing vacuum systems for poultry processing. The Nash CL design set the standard for the industry, and now the Vectra has improved on this standard combining the same rugged construction with lower water consumption and associated utility cost.

When you need a solution to improve your evisceration and vacuum conveying, **think Vectra.**



**Vectra once-through seal piping arrangement**

- |   |                              |
|---|------------------------------|
| 1. Vacuum pump Vectra XL                                | 5. Strainer                  |
| 2. Water trap silencer                                  | 6. Inlet vacuum gauge        |
| 3. Flow control valve                                   | 7. Flow switch               |
| 4. Solenoid valve with manual by-pass for initial prime | 8. Shock arrester            |
|   | 9. Seal line isolation valve |



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