

# CNL Series

## EFFLUENT PUMP

**ShinMaywa**  
VISION WITH INSIGHT

The CNL Series is built to move more water in high-flow applications without sacrificing reliability. Its high-efficiency air-filled motor, thermal overload protection, and two-vane impeller make it a strong performer for continuous-duty, higher-capacity demands.

### OVERVIEW

- Continuous duty rated
- 2 vane non-clog high efficiency impeller provides high volume performance with capacities up to 920 GPM
- Air-filled class E insulated heavy-duty motor, operates cooler with higher efficiencies
- Built-in motor thermal protection protecting against overheat, out of phase, and single phasing
- Large solids handling capabilities
- Double silicon carbide mechanical seals, operating in an oil bath to provide a longer service life and lower maintenance



**SCAN FOR  
MORE INFO**

8510 S. Sandy Parkway, Sandy, UT 84070  
877.213.3598  
shinmaywasales.com

## SPECIFICATIONS

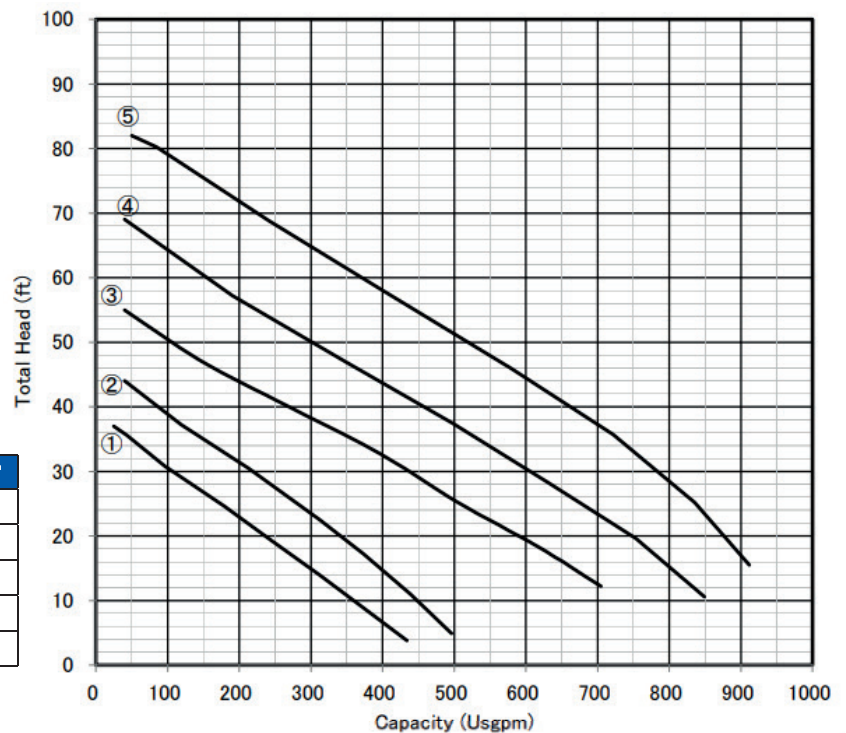
- 3" NPT and 4" flanged discharge
- 208/230 and 460 volt, 3 phase, 1800 RPM motors
- 2 vane non-clog high efficiency impeller
- Impeller material: Cast Iron (ASTM A48 Class 30)
- Pump housing material: cast iron (ASTM A48 Class 30)
- Fasteners: 304 stainless steel
- Dual silicon carbide shaft seals
- Air-filled Class E insulated heavy-duty motor
- Built-in thermal protector
- 32' cable length
- Max temperature 104°F
- 2 year warranty

## MOTOR

- Insulation class E, 3-phase
- Voltage / Hz. 208/230V, 460V 60Hz
- Synchronous speed 1800 RPM
- Thermal motor protector

## PERFORMANCE CURVE

CURVE	MODEL	DISCHARGE	HP	SOLIDS	WEIGHT
1	65CNL415T	3" NPT	2	2"	104 lbs.
2	80CNL422T	3" NPT	3	2"	137 lbs.
3	80CNL437T	4" Flanged	5	2.5"	168 lbs.
4	100CNL455T	4" Flanged	7.5	2.5"	230 lbs.
5	100CNL475T	4" Flanged	10	2.5"	261 lbs.



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