

# Model CLFU, CVFU

CALL 1-800-577-8111 FOR SALES AND SUPPORT



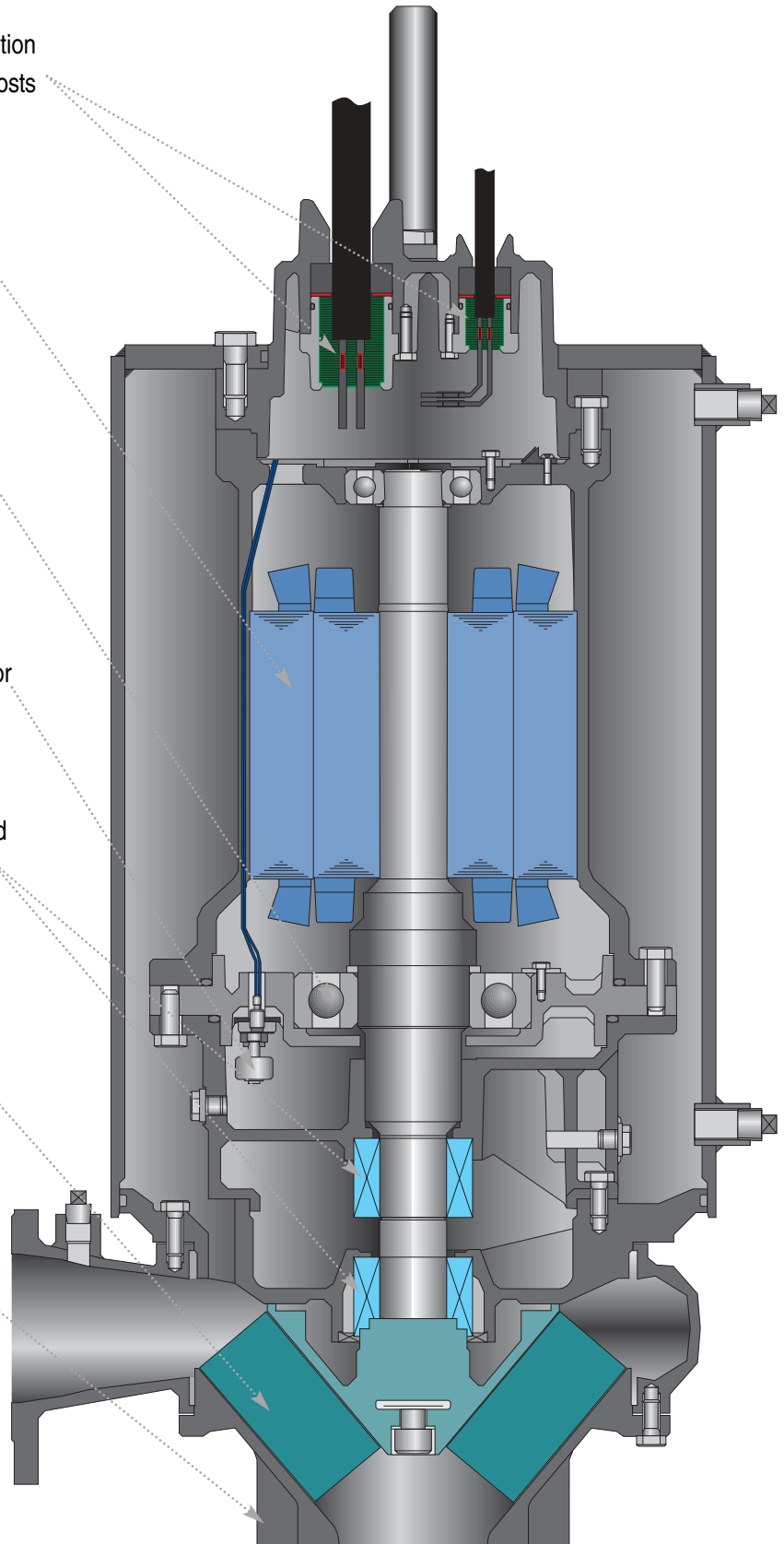
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# Submersible Non-clog Pump

F e a t u r e s

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- **Watertight cable entry system** prevents capillary action and protects against moisture; reduces maintenance costs
- **Heavy duty, high efficiency, air filled, Class F insulated, rated for 311°F with a 1.15 service factor** dissipates heat easily; thermal protection in each phase of windings protects; operates cooler with higher efficiencies; longer service life with lower operating costs
- **Single and double row thrust bearings** carries thrust loads with L-10 life of 60,000 hours; ensures long, dependable operation and lowers maintenance costs
- **Mechanically actuated float switch** provides early warning of mechanical seal failure; avoids costly motor repairs
- **Double mechanical seals — silicon carbide lower seals, carbon/ceramic upper** - hard faced upper and lower seals operate in an oil bath; providing longer service life and lower maintenance costs
- **High efficiency impellers** pass large solids with high outputs and reduces power consumption; impellers are optimized for hydraulic coverage; lowers operating costs
- **Replaceable wear components** maintains working clearances while reducing casing and volute costs

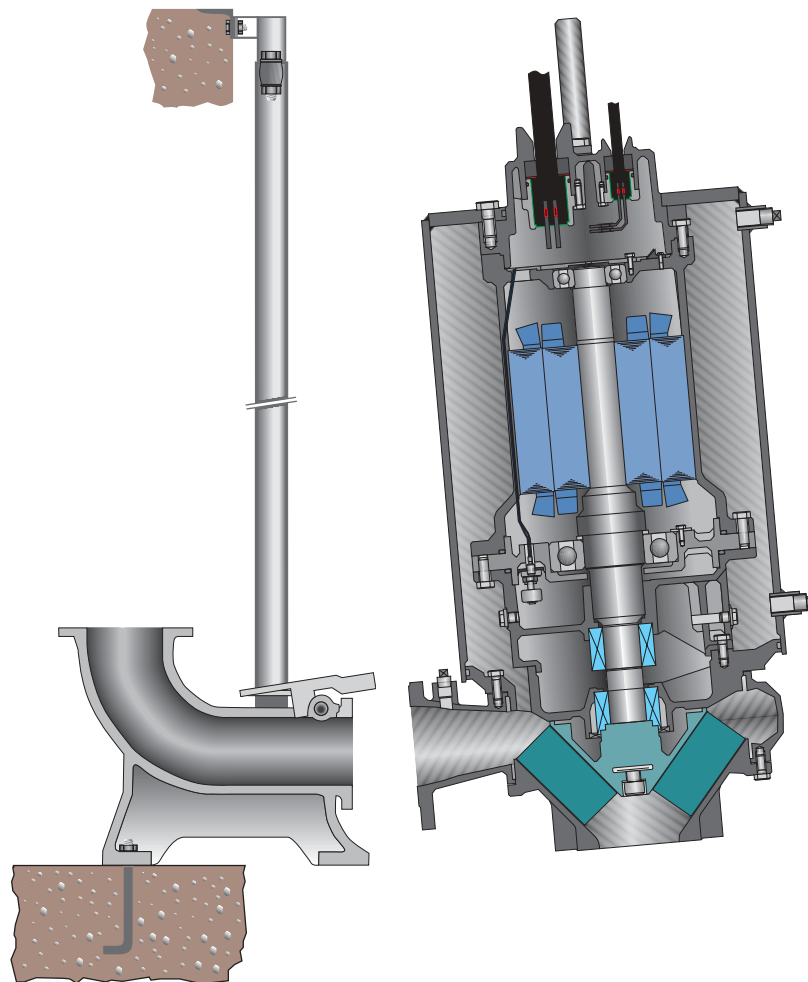


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CLF, CVFU standard specifications

- CLFU capacities to 550 GPM heads to 66 feet
- CVFU capacities to 425 GPM heads to 50 feet
- Horsepower range to 5 HP
- 1800 RPM
- Submergence to 65 feet
- Liquid sump temperatures to 104°F
- Spherical solids to 4"
- Stainless steel shaft
- 1.15 motor service factor
- 20 starts per hour
- L-10 bearing life of 60,000 hours
- Seal leak detection system
- Motor over temperature protection embedded in windings
- FM explosion proof, Class 1, Division 1, Group C, D available



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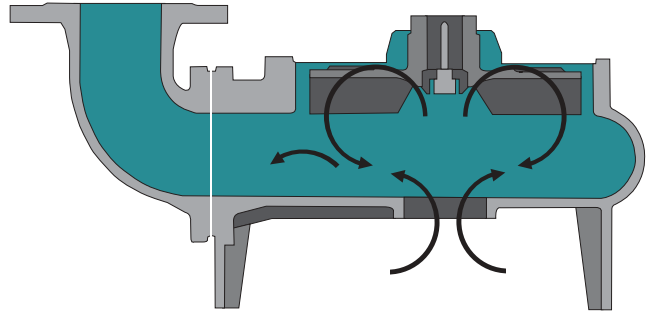
# M o d e l C V F U a r r a n g e m e n t o p t i o n s

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## Model CVFU Vortex design

Vortex design is ideal for handling stringy materials without clogging



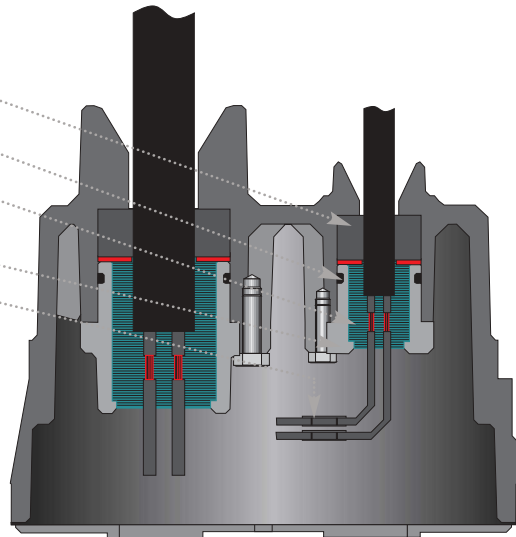
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# C a b l e e n t r y s y s t e m

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- **Primary seal** — grommet (NBR)
- **Secondary sealing** — O rings (NBR)
- **Epoxy resin** — prevents capillary action
- **Cable gland** (grey cast iron)
- **Solid joint butt connector** (copper)

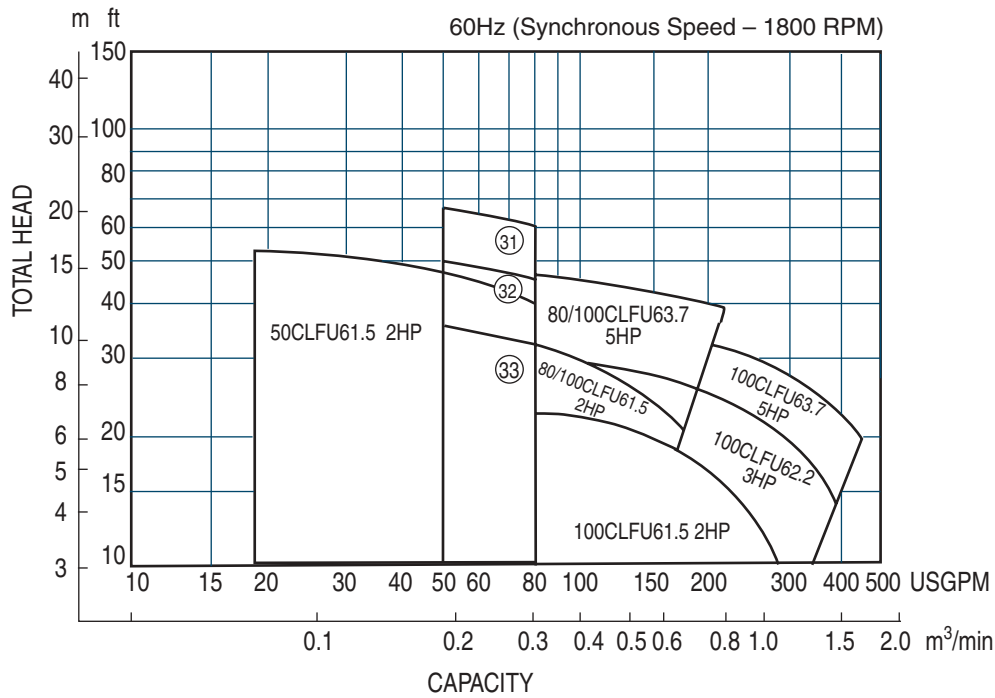
**Note:** Entry system is the same for both power and control cables.





# Submersible Non-clog Pump

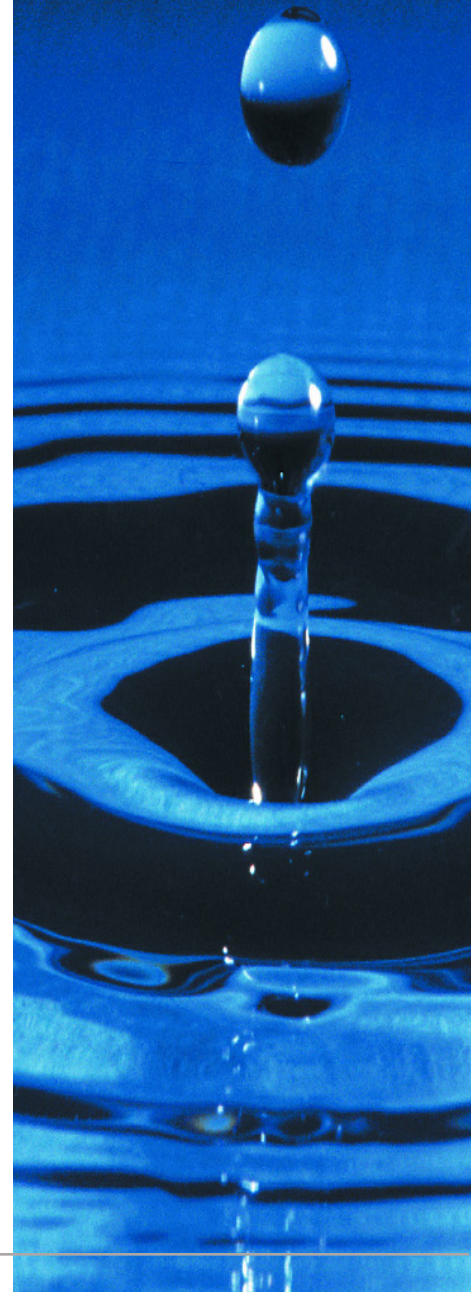
## CLFU Selection Chart



31	80CLMFU63.7	5HP
32	80CLMFU62.2	3HP
33	80CLMFU61.5	2HP

## Applications

- Water
- Wastewater



**EBARA** International Corporation

Standard Pump Division

1651 Cedar Line Drive • Rock Hill, SC 29730 • (t) 803 327 5005 • (f) 803 327 5097 • [info@pumpsebara.com](mailto:info@pumpsebara.com) • [www.pumpsebara.com](http://www.pumpsebara.com)

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