

CUP-CW

SINGLE / TWO STAGE VERTICAL BOWL / TURBINE PUMP

PUMP OVERVIEW

The CUP-CW is used for installations where large volumes of water are required.

The pumps are available in a variety of materials suitable for fresh and seawater applications and are flexible in their construction such that they can be configured to accommodate multiple intake and pipework configurations.

These pumps can be supplied in a variety of materials to suit your particular application.

TYPICAL APPLICATIONS

- Power station cooling water
- Seawater supply
- Desalination
- Water transfer
- Drainage



TECHNICAL DATA

Capacity: up to 40,000 m³/hr / 176,000 USgpm

Delivery head: up to 50 m / 164 ft

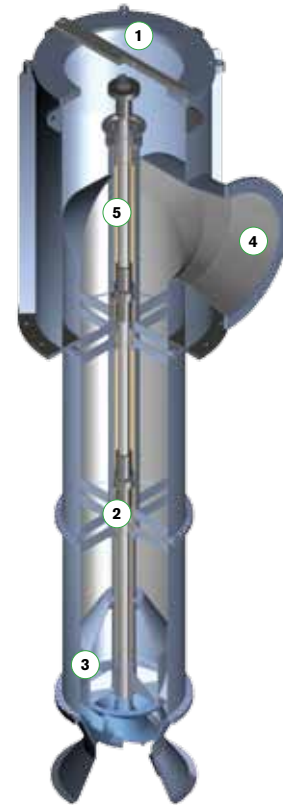
Temperature: up to 80 °C / 180 °F

Speeds: up to 1,760 rpm

Flange drilling: ANSI or BS

FEATURES AND BENEFITS

- 1 Installation options**
Close coupled motor - Motor is mounted on pump headpiece, one-piece construction on pump, no further site civil construction needed. Long coupled motor - Motor is mounted on separate floor plinth above pump, often selected to ensure motor is above water level of any possible flood risk
- 2 Bearing lubrication options**
Open lineshaft - Radial bearings are lubricated directly by pumped fluid. Enclosed lineshaft - Radial bearings enclosed by a flushing tube that carries clean / filtered water therefore protecting the bearings from pumped fluids with higher levels of suspended solids
- 3 Construction**
Pump bowls, bellmouth, columns and delivery bend are commonly fabricated with the materials selected for optimum performance in pumped fluid
- 4 Discharge options**
Above or below floor discharge available. Any discharge arrangement preferred by customer can be accommodated
- 5 Thrust bearing location options**
Separate motor and pump thrust bearings - allows use of flexible coupling and simplifies alignment. No pump thrusts transmitted to motor. Combined thrust bearing - necessitates rigid coupling. All pump thrusts transmitted to motor



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SPX Corporation reserves the right to incorporate our latest design and material changes without notice or obligation. Design features, materials of construction and dimensional data, as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing.

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