

*Pumps you can rely on*

**AQUA GROUP**

## Single Phase Portable Submersible Construction Dewatering Pumps CDS Series



**AQUASUB ENGINEERING**

Coimbatore - 641 034



# Single Phase Portable Submersible Construction Dewatering Pumps

## CDS Series



### Salient Features

- ◆ Wear parts made of abrasion resistant materials ensuring durability.
- ◆ Capable of pumping sand and silt laden water with minimal wear and clogging.
- ◆ Ease of maintenance. The pump can be dismantled and assembled using a single 13mm box wrench.
- ◆ Built in shaft mounted agitator prevents the 'air lock' that tends to take place on vortex impeller.

### Applications

- ◆ Dewatering sand and silt laden water in foundation and civil construction sites.
- ◆ Draining storm water from basements of buildings.

### Constructional Features

#### Motor

- ◆ Single phase, Dry type, Submersible, 2 pole Induction Motor.
- ◆ Capacitor run, Class 'E' Insulation motor.
- ◆ Dual mechanical seal with two silicon carbide sealing ensures durability.
- ◆ Oil lifter provides efficient lubrication and cooling of seal faces extending mechanical seal life.
- ◆ High quality double shielded motor bearing.
- ◆ In built thermal overload protector.
- ◆ Anti wicking cable entry prevents water incursion into motor.

#### Pump

- ◆ Large channel in the spiral casing allows sand and silt laden water to pass through easily.
- ◆ Urethane Rubber, Semi Vortex impeller for maximum durability and pump performance.
- ◆ Cast iron casing.
- ◆ Stainless steel shaft.

### Product Data

<b>MODEL</b>	: CDS Series
<b>HP \ kW Rating</b>	: 0.5 HP and 1.0 HP / 0.4 kW and 0.75 kW
<b>Delivery Size</b>	: 50 mm and 80 mm
<b>Head Range</b>	: 2 m to 16 m
<b>Discharge Range</b>	: 75 lpm to 300 lpm

\*Due to continuous efforts at improving value, information furnished above is subject to change without notice.

Warranty - All products carry a 12 months warranty from the date of purchase against manufacturing defects

Manufactured **Exclusively** by:

**AQUA GROUP**

**AQUASUB ENGINEERING**  
**AQUAPUMP INDUSTRIES**

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