

## Electric Submersibles

Our Contractor Grade Electric Submersible Pumps are tough, corrosion and abrasive resistant pumps able to be used for a variety of applications. All units are 100% factory tested and are delivered ready to use with minimal setup. Contact Complete for all your dewatering needs.

## Applications:

- Construction dewatering
- Utility pit drainage
- Kelly wells
- Clear water by-pass
- Deep well dewatering



## Features / Advantages:

- Light weight, contractor rugged
- Corrosion resistant materials
- Double mechanical seals with hard faces
- Thermally protected (single phase)
- Push button control box included



“The finest dewatering pumps and wellpoint equipment since 1923”

# Submersible Dewatering Pumps (SDP) 2, 3, and 4 inch discharge units

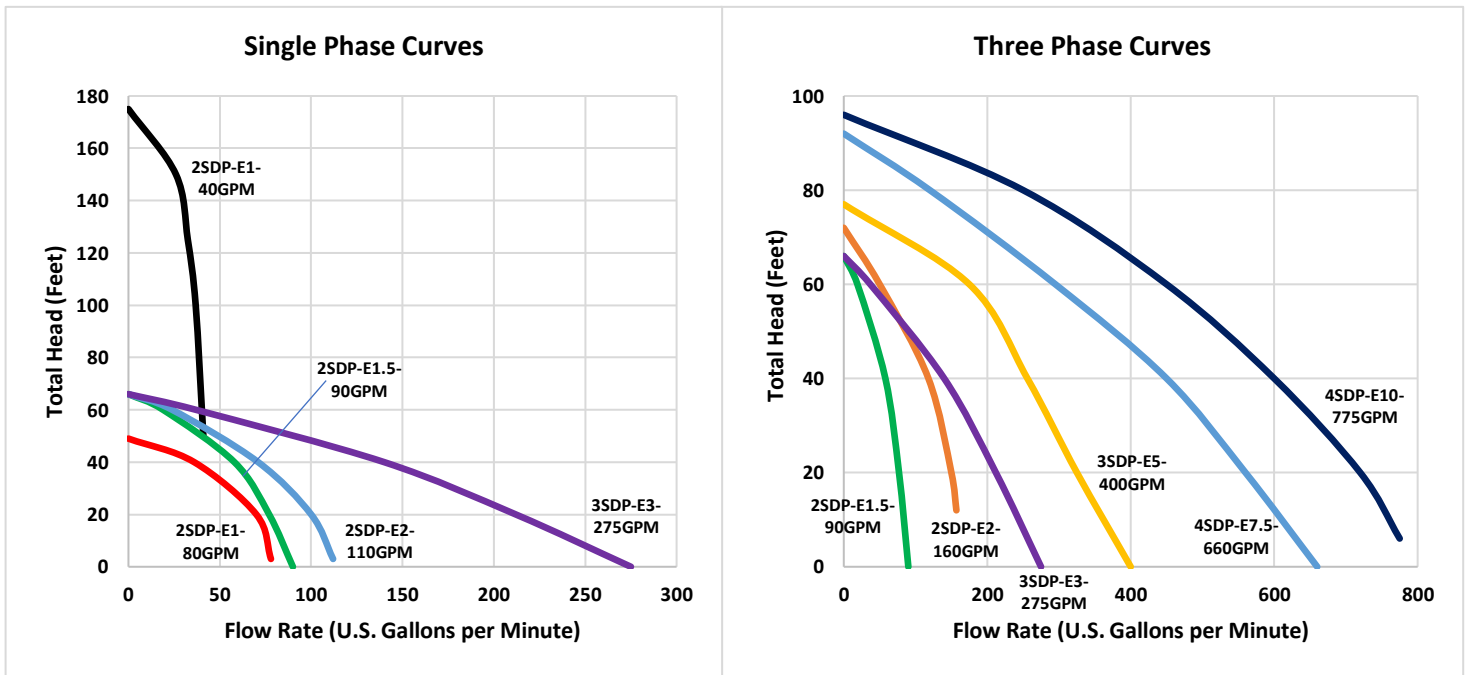
## CDPW recommends these most popular models

(Consult factory for other head, flow, or voltage requirements)

MODEL	HP	Electrical	FLA	Discharge	Weight	Power Cord	Height	Pump Dia.	Minimum Well Dia.
2SDP-E1-40GPM*	1	240V/1ph	8.1	2"	35 lbs.	3' THHN	26-1/2"	3-7/8"	5"
2SDP-E1-80GPM**	1	120V/1ph	10	2"	31 lbs.	20' w/ plug	14-1/4"	7-1/4"	8"
2SDP-E1.5-90GPM	1-1/2	120/240/1ph 240/480/3ph	19 / 10 4.4 / 2.2	2"	39 lbs. 35 lbs.	50' type SO	16-3/4"	6-1/4"	8"
2SDP-E2-110GPM**	2	240V/1ph	10	2"	52 lbs.	33' w/ plug	17-1/4"	9"	12"
2SDP-E2-160GPM	2	240/480/3ph	6.8 / 3.4	2"	39 lbs.	50' type SO	17"	6-1/4"	8"
3SDP-E3-275GPM	3	240V/1ph 240/480/3ph	19 10.0 / 4.9	3"	88 lbs. 77 lbs.	50' type SO	28-1/2"	7-1/2"	8"
3SDP-E5-400GPM	5	240/480/3ph	14.2 / 7.1	3"	88 lbs.	50' type SO	28-1/2"	7-1/2"	8"
4SDP-E7.5-660GPM	7-1/2	240/480/3ph	22 / 11	4"	130 lbs.	50' type SO	28-1/2"	10-3/4"	12"
4SDP-E10-775GPM	10	240/480/3ph	28 / 14	4"	142 lbs.	50' type SO	29-1/2"	10-3/4"	12"

\*includes internal check valve

\*\*control box not included, piggy-back float optional



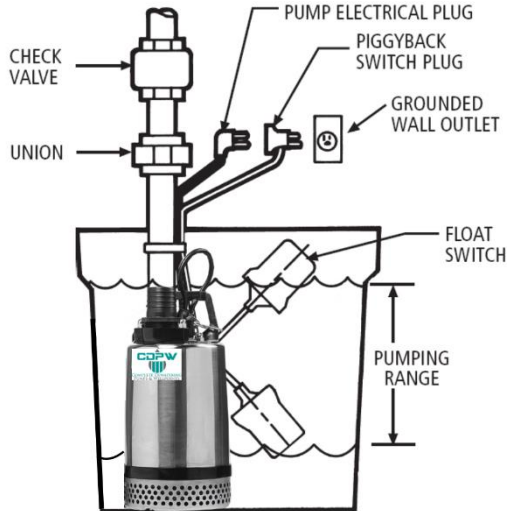
	Max. Flow	Flow Rate in Gallons per Minute					<-- Total Dynamic Head	
		20	40	60	80	100	Min. Head	Max. Head
2SDP-E1-40GPM	42	-	-	41	39	37	50'	175'
2SDP-E1-80GPM	78	70	36	-	-	-	3'	49'
2SDP-E1.5-90GPM	90	77	58	19	-	-	0'	66'
2SDP-E2-110GPM	112	100	71	24	-	-	3'	66'
2SDP-E2-160GPM	157	157	118	50	-	-	12'	72'
3SDP-E3-275GPM	275	212	140	37	-	-	0'	66'
3SDP-E5-400GPM	400	325	256	165	-	-	0'	77'
4SDP-E7.5-660GPM	660	560	450	295	120	-	0'	92'
4SDP-E10-775GPM	775	720	600	450	250	-	6'	96'

## Submersible Dewatering Pumps (SDP) Applications

### Utility / Sump Dewatering

Portable pumps can be used to remove nuisance water from pits, basements, or low-lying areas. Pump setup may be temporary or permanent.

#### SUMP / UTILITY



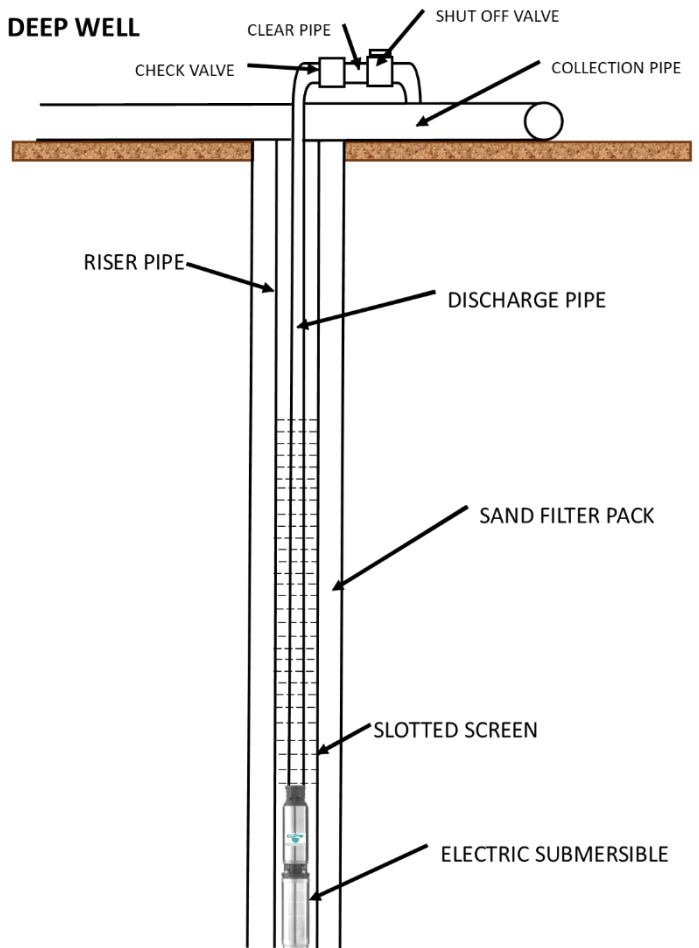
### Deep Well Dewatering

Deep Well Dewatering Systems are used where the excavation depth exceeds the maximum limits for a wellpoint system. They are ideal for keeping water away from construction trench areas enabling work to be carried out in dry and stable conditions.

#### Advantages:

- Drawdown only limited by depth of well and soil stratification
- Pressure relief can be provided in deep layers
- Wells can be placed away from work areas
- Wells are usually installed at spacing which minimizes surface access restrictions

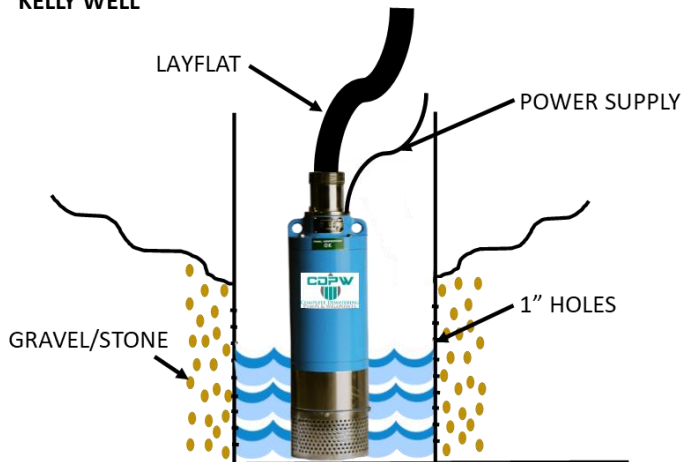
#### DEEP WELL



### Kelly Well Dewatering

Kelly Well Dewatering can be used to remove unwanted surface or ground water from an excavation. Slope site to drain to lowest area. Construct pump well using slotted or drain pipe installed vertically with an aggregate pack. Discharge to safe area.

#### KELLY WELL



## Submersible Dewatering Pumps Accessories



### Layflat discharge

part # LFB-2-50 for 2" dia. x 50' roll blue  
part # LFR-2-50 for 2" dia. x 50' roll red  
part # LFB-3-50 for 3" dia. x 50' roll blue  
part # LFR-3-50 for 3" dia. x 50' roll red  
part # LFB-4-50 for 4" dia. x 50' roll blue  
part # LFR-4-50 for 4" dia. x 50' roll red

Blue (standard) or Red (heavy duty) layflat available for quick and convenient pump discharge. Ends of hose are factory coupled with male and female cam locks.



### Push button motor starter for single phase

part # P3375

Easy manual on-off operation for all single phase models up to 120V/1HP or 240V/2Hp. NEMA 1 rated enclosure, 2 pole switch. 9"H x 5"W x 4"D.



### Piggy-back float switch

part # P3376 for pump model 2SDP-E1-80GPM 120V/1Ph, 20' cord  
part # P3377 for pump model 2SDP-E2-110GPM 240V/1ph, 30' cord

Normally open switch for pump down applications allows automatic control of pump models with plug in switch. On-Off range controlled by tether length of float from mounting. Pipe clamp style mounting bracket included.



### Slotted Well Screen

Premium slotted well screen is available in a variety of diameters, slot openings, and lengths. Complete can custom make well screens from 1-1/2" diameter up to 12" diameter; slots at 0.010" or 0.015" wide; pipe thickness from SDR26, SDR21, SCH40 or SCH80; 20' lengths standard. Most common diameter and slot sizes as follows:

- 5" dia. SDR26, 0.015" slot, 20' length for deep well applications using pump 2SDP-E1-40GPM
- 8" diameter SCH40, 0.125" slot, 20' length
- 12" diameter SCH40, 0.25" slot, 20' length

Items subject to change, may not be exactly as pictured