

## CP-0010, CP-0020

Applications: CP-0010 and CP-0020 sump pumps are designed with the performance and durability which make them ideal for removing water from trenches, ditches, manholes, industrial sumps and excavations. Will pump down to within 22mm from base.

### Features – All Models

- Single-stage centrifugal units driven by powerful vane motors
- Double seals protect bearings and motor from water and mud
- Integral oiler provides continuous lubrication
- Integral strainer, air inlet valve
- Bronze impeller
- Cast-iron housing

Motor Horsepower: CP-0010, 3 hp (2.2kW); CP-0020, 4 hp (2.9kW).



CP-0010



CP-0020

### Caution:

CP-0010 and CP-0020 pumps are not to be used for pumping flammable fluids.

Catalog Number	Part. Number	Min. Water Depth mm (in.)	Overall Height mm (in.)	Height w/o Valve mm (in.)	Water Discharge (NPT)	Net Weight kg (lb.)	Min. Opening Pump Will Enter mm (in.)	Air Inlet Thread Size (NPT)	Recom. Hose Size mm (in.)	Pump Performance Discharge (GPM)
SUMP										
CP-0010	T022224	22 (7/8)	445 (17 1/2)	336 (13 3/4)	50mm (2")	15 (33)	210 x 229 (8 1/4 x 9)	20mm (3/4")	19 (3/4)	Table A
CP-0020	T022185	22 (7/8)	406 (16)	298 (11 3/4)	62.5mm (2 1/2")	26 (58)	229 x 298.5 (9 x 11 3/4)	25mm (1")	25.4 (1)	Table B

**TABLE A - CP-0010 PUMP PERFORMANCE, AIR CONSUMPTION: 47 l/s AT 6.2 bar**

CP-0010 sump Pump Performance Discharge (Gallons per Minute)

Total Head		2.8 bar		4.1 bar		5.5 bar		6.2 bar		6.9 bar	
meters	ft.	liters	gal.	liters	gal.	liters	gal.	liters	gal.	liters	gal.
3.05	10	605.6	160	832.7	220	908.4	240	927.3	245	965.2	255
6.10	20	529.9	140	775.9	205	870.6	230	908.4	240	946.3	250
9.14	30	454.2	120	700.2	185	813.8	215	870.6	230	927.3	245
12.2	40	340.7	90	605.6	160	757.0	200	813.8	215	870.6	230
15.2	50	227.1	60	511.0	135	662.4	175	738.1	195	794.9	210
18.2	60	37.9	10	397.4	105	586.7	155	662.4	175	738.1	195
21.3	70	-	-	302.8	80	492.1	130	567.8	150	643.5	170
24.3	80	-	-	226.5	60	360.0	95	473.1	125	586.7	155
27.4	90	-	-	-	-	283.8	75	397.4	105	473.1	125
30.5	100	-	-	-	-	208.2	55	283.8	75	259.6	95

**TABLE B - CP-0020 PUMP PERFORMANCE, AIR CONSUMPTION: 51 l/s AT 6.2 bar**

CP-0020 Sump Pump Performance Discharge (Gallons per Minute)

Total Head		2.8 bar		4.1 bar		5.5 bar		6.9 bar	
meters	ft.	liters	gal.	liters	gal.	liters	gal.	liters	gal.
3.05	10	870.6	230	1078.7	285	1230.1	325	1286.9	340
6.10	20	738.1	195	1003.0	265	1192.3	315	1249.0	330
9.14	30	567.8	150	927.3	245	1135.5	300	1211.2	320
12.2	40	492.1	130	832.7	220	1059.8	280	1154.4	305
15.2	50	378.5	100	719.2	190	984.1	260	1059.8	280
18.2	60	246.0	65	624.5	165	870.6	230	984.1	260
21.3	70	-	-	473.1	125	757.0	200	851.6	225
24.3	80	-	-	302.8	80	605.6	160	719.2	190
27.4	90	-	-	-	-	-	-	586.7	155

**Standard Equipment:** all models with air inlet valve. CP-0020 has exhaust pipe 1 1/4" (31mm) NPTF x 18" (450mm) long, C086080; and exhaust pipe 1 1/4" (31mm) BSP x 18" (450mm) long, R137580. CP-0010 has exhaust pipe 1" (25mm) NPTF x 16" (400mm) long, S038723, and exhaust pipe 1" (25mm) BSP x 16" (400mm) long, R137578.

Accessories listed at end of section.

Claw Couplings not included on air inlet. Couplings to be ordered separately.