

SP500 SERIES – PITLESS UNITS WITH WC OR WCB FOR WATERTIGHT CAP

SPECIFICATIONS:

- Tested and approved by Pitless Adapter Standard PAS-1, PAS-2, PAS-97(2019)(R 2023), ASSE Standard #1093-2019(R 2023), and Illinois Code.
- 100% pressure test at the factory insures the unit seals properly and that parts are pinned in place.
- By simply turning the stainless steel adjusting nut at the top of the well enables a positive mechanical seal. Custom wrench available from the factory.
- No obstruction like common pitless adapters and a recessed sealing surface in the discharge outlet insures an undamaged seals when the pump is pulled or the well is re-worked.
- The stainless steel discharge and elbow (cast iron elbow on 8" unit), insuring a long life and easy disengagement for future work on pump or well.
- One standard neoprene O-ring to assure a safe and simple installation, and easy servicing. The ground screw in the support plate provides an accessible connection for the electrical ground of the pump cable.
- The male thread, plain end, or compression is available at the end of the pitless casing for easy connection to the well.
- The support plate holds the weight, minimizing the danger of losing the pump or pipe down well. It also includes a cable slot to allow pump installation and service without a splice in the submersible cable.
- By simply turning the stainless steel adjusting nut, the entire water system outside the well can be drained without pulling the pump.
- Watertight caps meet all well codes, and stainless steel elbow fittings are available for discharge.

RATINGS:

- Max Pressure: 150 PSI
- Max Temperature: 180°F

CERTIFICATIONS:

- PAS-1, PAS-2, PAS-97(2019)(R 2023)
- ASSE Standard #1093-2019(R 2023)
- IAPMO C.A Certified
- Illinois Code



ASSE Standard #1093-2019(R 2023)
WCB Standard PAS-97(2019)(R 2023)



C.A. Certified



SP500 SERIES – PITLESS UNITS (CONTINUED) WITH WC OR WCB FOR WATERTIGHT CAP

MATERIALS LIST	
Part Name	Material
WC Cap Cover	Painted Cast Iron
WC Cap Bolts (4)	Stainless Steel
WC Cap Top O-Ring	Neoprene
WC Cap Body Casting	Painted Cast Iron
Screened Air Vent	Stainless Steel
WC Cap Casing O-Ring	Neoprene
WC Cap Clamping Ring	Painted Cast Iron
WC Cap Head Ring Bolts (4)	Stainless Steel
WCB Cap Casting	Painted Cast Iron
WCB Cap Square Head Bolts w/Nuts	Zinc Plated
WCB Cap Square Head Plug	Galvanized Gray Iron
WCB Cap Flat Gasket	Neoprene
WCB Cap Retainer Ring Casting	Painted Cast Iron
WCB Cap Rubber Gasket	Neoprene
WCB Cap Clamping Ring Casting	Painted Cast Iron
Adjusting Nut	Stainless Steel
Pulling Coupling	Galvanized Steel
Support Plate	Steel
Support Lock Nut	Stainless Steel
Pull Pipe	Steel
Sealing Elbow	Stainless Steel
Discharge O-Ring	Buna
Adjusting Rod w/guide plates	Stainless Steel

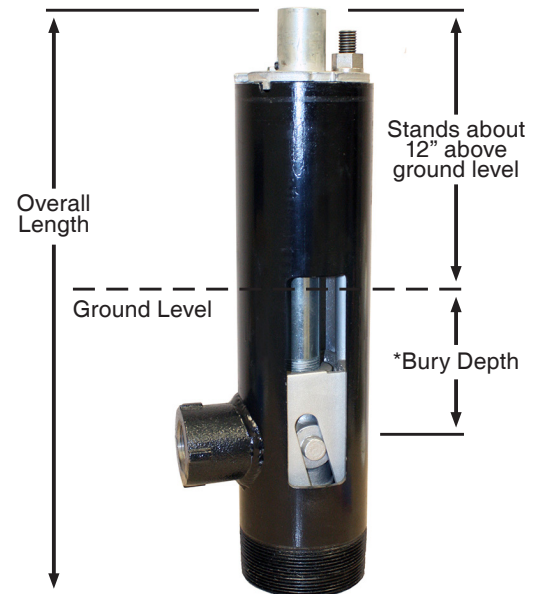
DIMENSIONS					
WC Series Part No.	Well Size	Bury Depth	Drop Pipe & Discharge	Approx. Wt./Lbs. w/WC Cap	WCB Series Part No.
SP501WC14	5"	1'	1-1/4"	53	SP501WCB14
SP502WC14	5"	2'	1-1/4"	71	SP502WCB14
SP503WC14	5"	3'	1-1/4"	89	SP503WCB14
SP504WC14	5"	4'	1-1/4"	111	SP504WCB14
SP505WC14	5"	5'	1-1/4"	129	SP505WCB14
SP506WC14	5"	6'	1-1/4"	140	SP506WCB14
SP507WC14	5"	7'	1-1/4"	159	SP507WCB14
SP508WC14	5"	8'	1-1/4"	177	SP508WCB14
SP501WC2	5"	1'	2"	63	SP501WCB2
SP502WC2	5"	2'	2"	81	SP502WCB2
SP503WC2	5"	3'	2"	97	SP503WCB2
SP504WC2	5"	4'	2"	116	SP504WCB2
SP505WC2	5"	5'	2"	132	SP505WCB2
SP506WC2	5"	6'	2"	150	SP506WCB2
SP507WC2	5"	7'	2"	168	SP507WCB2
SP508WC2	5"	8'	2"	186	SP508WCB2



WC Series
Watertight Cap



WCB Series
Watertight Cap



***NOTE:** Length of internal parts are bury depth plus 12 inches for well codes, or 4 ft. bury is approximately 5.5 ft. long.