

# SSMCU500 SERIES - PITLESS UNITS

## SPECIFICATION:

- 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 obstructions, commonly found with pitless adapters, need to be removed before working on the well, eliminating extra work when re-working or re-drilling.
- Stainless steel pitless body, insures a long life and easy disengagement for future work on pump or well. Outside of pitless casing is painted.
- Extra large thick O-ring seal assures watertight seal to inside of casing and around discharge welded to outside of casing.
- The male thread, plain end, or compression is available at the end of the pitless casing for easy connection to the well.
- Heavy duty galvanized cast iron support bar holds 160% more weight than aluminum support bar by other manufacturers, and holds more weight than slide together type pitless adapters. The weight of the pump, pipe, and water is supported by the bar, minimizing the danger of losing the pump or pipe down well. Merrill support bar also has a ground screw.
- 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.

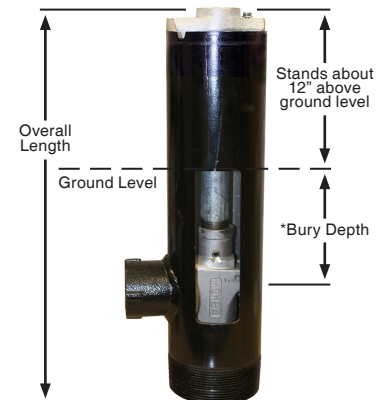


## CERTIFICATIONS:

- PAS-1, PAS-2, PAS-97(2019)(R 2023)
- ASSE Standard #1093-2019(R 2023)
- IAPMO C.A Certified
- Illinois Code
- Max Pressure: 120 PSI
- Max Temperature: 120°F

MATERIAL LIST	
Part Name	Material
Support Bar	Galvanized Iron
Thumb Screw	Stainless Steel
Internal Pitless Body	Stainless Steel
Flipper	Stainless Steel
Pivot Pin	Stainless Steel
O-Ring Seal	Buna

DIMENSIONS				
Part No.	Well Size	Bury Depth	Drop Pipe & Discharge	Weight (lbs)
SSMCU501	5"	1'	1"	43.0
SSMCU502	5"	2'	1"	58.0
SSMCU503	5"	3'	1"	73.0
SSMCU504	5"	4'	1"	88.0
SSMCU505	5"	5'	1"	103.0
SSMCU506	5"	6'	1"	118.0
SSMCU507	5"	7'	1"	133.0
SSMCU508	5"	8'	1"	148.0
SSMCU50114	5"	1'	1-1/4"	44.0
SSMCU50214	5"	2'	1-1/4"	59.0
SSMCU50314	5"	3'	1-1/4"	74.0
SSMCU50414	5"	4'	1-1/4"	89.0
SSMCU50514	5"	5'	1-1/4"	104.0
SSMCU50614	5"	6'	1-1/4"	119.0
SSMCU50714	5"	7'	1-1/4"	134.0
SSMCU50814	5"	8'	1-1/4"	149.0



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



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