H2O PITLESS CONTROL UNITS
5" PVC CASING MODELS - 12" PVC UPPER CASING

SPECIFICATION:

- Connects to 5" PVC well casing.
- Constant pressure controls can be mounted at the well. One universal plate holds VFD drive of all USA Pump CO. VFD drive is now protected inside top of the well, out of the weather.
- 12" pipe in PVC at top of well contains everything.
- Expansion tank included inside H2O pitless control units. Small tank recommended for VFD drive installations is included with the H2O pitless control unit.
- Internal manifold of unit has pull strap for easy removal to service well. No special pulling tool needed for service work - pulling strap built in to pull tank with manifold.
- Internal manifold of unit has tappings for expansion tank, pressure transducer, pressure relief valve and pressure gauge. Minimum work required to complete the installation - all needed tappings included.
- Stainles steel waterways, pitless adapter and internal manifold. In compliance with safe water drinking act for residential drinking water supply.
- Universal aluminum VFD mounting plate attached to top lid of watertight cap. VFD drive easily mounted for at the well control and out of the weather. Self tapping mounting screws included.
- Approved by Wisconsin DNR and Minnesota Department of Health and several other states code approved.



RATINGS:

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

CERTIFICATIONS:

- Wisconsin DNR
- Minnesota Department of Health

MATERIALS LIST	
Part Name	**Material**
Hex Female Valve	Stainless Steel
Pull Pipe Male Valve	Stainless Steel
O-Ring	Buna-N
Pull Strap	Galvanized Steel
Well Cap Cover	Aluminum
Bottom Ring	Aluminum
Universal Plate	Aluminum
Well Cap and Bottom Ring Unit	Aluminum
Well Cap and Bottom Ring with Mounting Plate	Aluminum
Cover O-Ring	Buna-N
Bottom Ring O-Ring	Buna-N
Pitless Adapter/Discharge	No Lead Brass, No Lead Bronze, or Stainless Steel
Plug w/Square Head	Stainless Steel
Nipple	Stainless Steel
Cross	Stainless Steel
Gallon Pressure Tank	Powder Coat Steel
Pull Strap Bolt	Stainless Steel
Vent Screen	Stainless Steel
Green Ground Screw	Plated Steel
Ring Bolt	Stainless Steel
Lid Bolt	Stainless Steel
Hex Nut	Stainless Steel

MERRILL MANUFACTURING

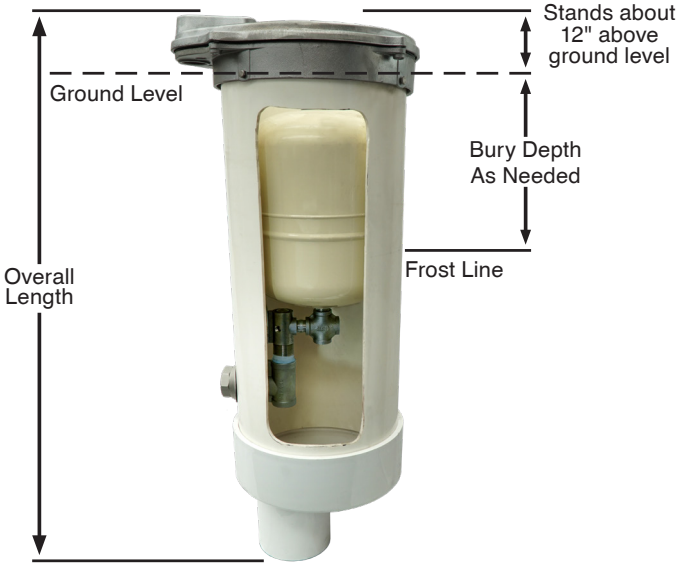
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H2O PITLESS CONTROL UNITS (CONTINUED)
5" PVC CASING MODELS - 12" PVC UPPER CASING

DIMENSIONS					
Part No.	Casing Size	Bury Depth	Discharge Size	Tank Size	Approx. Wt./Lbs.
PPCM5302U	5"	3'	1"	2.1 Gallon	90.0
PPCM5310U	5"	3'	1-1/4"	No Tank	90.0
PPCM5312U	5"	3'	1-1/4"	2.1 Gallon	---
PPCM5314U	5"	3'	1-1/4"	4.5 Gallon	90.0
PPCM5318U	5"	3'	1-1/4"	6 Gallon	90.0
PPCM5320U	5"	3'	2"	No Tank	---
PPCM5328U	5"	3'	2"	6 Gallon	---
PPCM5402U	5"	4'	1"	2.1 Gallon	229.0
PPCM5410U	5"	4'	1-1/4"	No Tank	90.0
PPCM5412U	5"	4'	1-1/4"	2.1 Gallon	90.0
PPCM5414U	5"	4'	1-1/4"	4.5 Gallon	90.0
PPCM5418U	5"	4'	1-1/4"	6 Gallon	---
PPCM5420U	5"	4'	2"	No Tank	---
PPCM5428U	5"	4'	2"	6 Gallon	90.0
PPCM5502U	5"	5'	1"	2.1 Gallon	90.0
PPCM5510U	5"	5'	1-1/4"	No Tank	90.0
PPCM5512U	5"	5'	1-1/4"	2.1 Gallon	95.8
PPCM5514U	5"	5'	1-1/4"	4.5 Gallon	90.0
PPCM5518U	5"	5'	1-1/4"	6 Gallon	90.0
PPCM5520U	5"	5'	2"	No Tank	90.0
PPCM5528U	5"	5'	2"	6 Gallon	90.0
PPCM5602U	5"	6'	1"	2.1 Gallon	---
PPCM5610U	5"	6'	1-1/4"	No Tank	96.6
PPCM5612U	5"	6'	1-1/4"	2.1 Gallon	97.9
PPCM5614U	5"	6'	1-1/4"	4.5 Gallon	99.4
PPCM5618U	5"	6'	1-1/4"	6 Gallon	---
PPCM5620U	5"	6'	2"	No Tank	---
PPCM5628U	5"	6'	2"	6 Gallon	121.2
PPCM5702U	5"	7'	1"	2.1 Gallon	169.1
PPCM5710U	5"	7'	1-1/4"	No Tank	---
PPCM5712U	5"	7'	1-1/4"	2.1 Gallon	---
PPCM5714U	5"	7'	1-1/4"	4.5 Gallon	---
PPCM5718U	5"	7'	1-1/4"	6 Gallon	175.7
PPCM5720U	5"	7'	2"	No Tank	---
PPCM5728U	5"	7'	2"	6 Gallon	---





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