



## WATER WELL EQUIPMENT APPROVED LIST

### **Pitless Well Adapters and Units**

#### **ADVANCE PUMP EQUIPMENT COMPANY**

21" SINGLE MODEL THREAD-ON UNIT - SUBMERSIBLE - 4"-8" CASING  
EZ WELD-X1-5"-6" CASING  
WELD-ON ADAPTER KIT - SUBMERSIBLE - 4"-8" CASING

#### **BOSCOTT, INC.**

CLEAR WELL CLAMP-ON PITLESS ADAPTER 4"

#### **DAYTON PRECISION MANUFACTURING COMPANY**

DPM-004 C CLAMP-ON ADAPTER - SUBMERSIBLE - 4"-6" CASING

#### **DICKEN MANUFACTURING COMPANY**

KLEAR-KASE CLAMP-ON ADAPTER - SUBMERSIBLE - 4"-6" CASING

#### **DUPLEX (WHITEWATER MANUFACTURING COMPANY)**

TYPE 1060 SUB THREAD-ON UNIT - SUBMERSIBLE - 4"-6" CASING  
TYPE 2015 SUB THREAD-ON UNIT - SUBMERSIBLE - 4"-6" CASING  
TYPE 1060 SW THREAD-ON UNIT - SHALLOW WELL JET - 2" CASING  
TYPE 1060 J4C THREAD-ON UNIT - DEEP WELL JET - 4" CASING (Out of Production)  
TYPE 1060 PJ-C THREAD-ON UNIT - DEEP WELL SINGLE PIPE PACKER - 2"- 3" CASING (3" Out of Production)  
TYPE 2000 PJ2-C THREAD-ON UNIT - BACKTAPPED-DEEP WELL SINGLE PIPE PACKER - 2" CASING (Out of Production)  
TYPE 2000 SW THREAD-ON UNIT - BACKTAPPED - SHALLOW WELL JET - 2" CASING (Out of Production)

#### **FLOW-RITE PRODUCTS COMPANY, DIVISION OF BRADLYN INDUSTRIES**

CLAMP-ON ADAPTER - SUBMERSIBLE - 4"-6" CASING

#### **MAASS, MANUFACTURING**

MODEL B WELD-ON ADAPTER - SUBMERSIBLE - 4"-8" CASING  
MODEL BX THREAD-ON UNIT - SUBMERSIBLE - 4"-8" CASING  
MODEL CD THREAD-ON UNIT - BACKTAPPED - DEEP WELL SINGLE PIPE PACKER JET - 2" CASING (Out of Production)  
MODEL CS THREAD-ON UNIT - BACKTAPPED - SHALLOW WELL JET - 2" CASING (Out of Production)  
MODEL J WELD-ON ADAPTER - SUBMERSIBLE - 4"-18" CASING  
MODEL JC CLAMP-ON ADAPTER - SUBMERSIBLE - 4"-7" CASING  
MODEL MB WELD OR THREAD-ON UNIT - SUBMERSIBLE - 8"-26" CASING

#### **MARTINSON MANUFACTURING COMPANY, INC.**

C-SERIES CLAMP-ON ADAPTER - SUBMERSIBLE - 4"-6" CASING

#### **MERRILL MANUFACTURING**

SP THREAD-ON UNIT - SUBMERSIBLE - 4"-8" CASING  
SDP W/CONCENTRIC COUPLING THREAD-ON UNIT - SHALLOW WELL JET - 4"-8" CASING  
SPK CLAMP-ON ADAPTER - SUBMERSIBLE - 4"-10" CASING  
MCK CLAMP-ON ADAPTER - SUBMERSIBLE - 4"-6" CASING

#### **MONITOR, BAKER MANUFACTURING COMPANY**

FIBERLOC POLYMER CAMPSITES PITLESS KIT - 4"-5" CASING  
PS THREAD-ON UNIT - SUBMERSIBLE - 4"-10" CASING  
PS WELD-ON UNIT - SUBMERSIBLE 12"-26" CASING  
PJ CONCENTRIC THREAD-ON UNIT - SHALLOW WELL JET - 2"-3" casing  
PJ THREAD-ON UNIT - DEEP WELL SINGLE PIPE PACKER JET - 2"-3" CASING (Out of Production)  
PJ THREAD-ON UNIT - TWO-PIPE DEEP WELL JET - 4"-6" CASING (Out of Production)  
PR THREAD-ON UNIT - RECIPROCATING (ROD) PUMP - 3"-6" CASING  
PL SNAPPY CLAMP-ON ADAPTER - SUBMERSIBLE - 4"-6" CASING  
PL SNAPPY WELD-ON ADAPTER - SUBMERSIBLE - 4"-6" CASING  
6123BEZ WELD-ON ADAPTER – SUBMERSIBLE – 5", 6" I.D. AND 7" O.D. CASING  
8123BEZ WELD-ON ADAPTER – SUBMERSIBLE – 8", 10" AND 12" I.D. CASING

#### **PAULUS PLASTIC COMPANY**

PAULUS PLASTIC PITLESS ADAPTER - 4"-5" CASING

#### **SEARS, ROEBUCK & COMPANY, (MANUFACTURED BY BRADLYN INDUSTRIES)**

CLAMP-ON ADAPTER - SUBMERSIBLE - 4"-6" CASING

#### **WELLS, INC.**

SAFETY-SEAL SERIES A CLAMP-ON ADAPTER - SUBMERSIBLE - 4"-6" CASING  
SAFETY-SEAL SERIES P CLAMP-ON ADAPTER - SUBMERSIBLE - 5" PLASTIC CASING ONLY  
JA 4-1 3/4X 1C CLAMP-ON ADAPTER - TWO PIPE DEEP WELL JET - 4" CASING

#### **WHITEWATER MANUFACTURING COMPANY**

MODEL 52 SU WELD OR THREAD-ON UNIT - SUBMERSIBLE - 4"-20" CASING  
MODEL 1J2 CONCENTRIC WELD-ON UNIT-DEEP WELL SINGLE PIPE PACKER JET - 2" CASING



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MODEL 2J CONCENTRIC WELD OR THREAD-ON UNIT - TWO PIPE DEEP WELL JET - 4"-6" CASING (Out of Production)  
ACE WELD-ON ADAPTER - SUBMERSIBLE - 4"-8" CASING (Out of Production)  
QUICKY CLAMP-ON ADAPTER - SUBMERSIBLE - 4"-6" CASING (Out of Production)  
MODEL 51-C SUBURBAN CLAMP-ON ADAPTER - SUBMERSIBLE - 4"-6" CASING (Out of Production)  
ACE CLAMP-ON ADAPTER - 4"-6" CASING (Out of Production)

**WILLIAMS PRODUCTS DIVISION, KLASING INDUSTRIES, INC.**

M SUB 3 CLAMP-ON ADAPTER - SUBMERSIBLE - 4"-6" CASING  
EZ-UP PITLESS COUPLING - 4"-5" CASING  
LIFT-OUT SEAL CLAMP-ON ADAPTER - TWO PIPE DEEP WELL JET - 4"-6" CASING  
LIFT-OUT SEAL CLAMP-ON ADAPTER - SUBMERSIBLE - 4"-10" CASING

**Well Caps**

The following well caps/seals meet the requirements set forth in R325.1657A of Part 127, Act 368 PA 1978 Administrative Rules. Caps and venting requirements became effective May 1, 1985. Vents must be installed on all wells except those having deep well, single pipe, packer jet installations or on flowing wells.

<b><u>A &amp; B DIE CASTING</u></b> 6" Only	<b><u>FLOW-RITE</u></b> WATERTIGHT CAP	<b><u>MONITOR (BAKER)</u></b> 3" CAP* (FOR 2" SWJ PITLESS UNIT) TURTLE 4"-7" CAP WATERTIGHT CAP <sup>1</sup>
<b><u>BOSCOTT, INC.</u></b> 4"-6"	<b><u>HARVARD</u></b> WTC <sup>1</sup>	<b><u>PAULUS</u></b> PLASTIC WELL CLOSURE 4"-5"
<b><u>BROTHERS CASTING</u></b> WATERTIGHT 6"	<b><u>LUNDE FOUNDRY, INC.</u></b> L-04 L-05 L-06	<b><u>W.D.B., Inc</u></b> WTC Well Cap
<b><u>CAMPBELL</u></b> WTC	<b><u>MAASS<sup>2</sup></u></b> 4"-12"WT	<b><u>WELLS</u></b> WT WC SC
<b><u>CAMPBELL-MARTINSON</u></b> LX41 LX51 LX61	<b><u>MERRILL</u></b> WC 4"-8" WCA 4"-6" WCB 4"-10" WCD 4"-6" WCM 6" WCO 4"-6" WCP 5"-6"	<b><u>WHITEWATER</u></b> MODEL 100 (Out of Production) MODEL 200 (Out of Production) MODEL 300
<b><u>DAYTON</u></b> WATERTIGHT CAP	<b><u>MIDWEST-DICKEN<sup>2</sup></u></b> WTCC 4"-8" 359 WELL SEAL 2" 459SW CABLE SEAL W/VENT CAP <sup>1</sup>	<b><u>WILLIAMS</u></b> WTV
<b><u>DUPLEX</u></b> 3" CAP FOR 2" SWJ PITLESS UNIT (Out of Production)		

<sup>1</sup>Caps have separate vents which must be threaded into cap

<sup>2</sup>These companies are now called MAASS Midwest

**Hand Pumps**

The hand pumps listed below meet the requirements of Rule 153 of Part 127, Act 368 PA of 1978 and may be used on public or private water supplies. These hand pumps have a closed spout, directed downward, and a pump rod that operates through a stuffing box and packing nut.

**DEEP WELL HAND PUMPS** (LIFT CYLINDER REQUIRED)

BISON PUMPS MODEL BPH-125: 5", 6" AND 8"; ALL OFFSET MOUNTED  
COLUMBIANA FIGURE 80<sup>3</sup>, SINGLE ACTING FORCE PUMP  
DEMPSTER MODEL 210F AND 226F FORCE PUMP; MODEL 23F AND MODEL 40F  
HELLER-ALLER (SEE HITZER INC)  
HITZER INC MODEL 50-L<sup>3</sup>, 50-A<sup>3</sup>, AND ASB FORCE PUMP (FORMERLY "HELLER-ALLER")  
MONITOR BAKER MODEL 11HD, 11HDS<sup>4</sup>, 12HD, AND 12HDS<sup>4</sup> FORCE PUMP STAND  
MONITOR BAKER MODEL 1DFHC, 1DFHCS<sup>4</sup>, 1DFHF, AND 11 DFHFS<sup>4</sup> DRINKING FOUNTAIN STAND  
ROBBINS & MYERS MODELS 1V12, 2V12 ROTARY HAND<sup>5</sup>



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**SHALLOW WELL HAND PUMPS** (LIFT CYLINDER BUILT INTO PUMP)

- COLUMBIANA FIGURE 55-3 HOUSE FORCE PUMP
- HELLER-ALLER (SEE HITZER INC)
- HITZER INC FIGURE PHB HOUSE FORCE PUMP (FORMERLY "HELLER-ALLER")

<sup>3</sup>These hand pumps use the drop pipe into the well as the pump base or may be threaded onto a 2" well casing by using a 2" x 1.25" reducer. If the drop pipe is used as a pump base, the opening between the drop pipe and well casing must be sealed using a well cap base and sanitary well seal.

<sup>4</sup>These hand pumps include a shroud which provides additional sanitary protection by enclosing the pump rod and packing nut.

<sup>5</sup>This pump operates with a rotating pump rod and has a hand operated gear box rather than a lever fulcrum type handle operating type handle operating a reciprocating pump rod through a packing nut.

**Yard Hydrants**

The following frost-proof yard hydrants do not use a stop-and-waste valve and are approved for installation on any water supply. Yard hydrants with buried stop-and-waste valve are prohibited on all types of water supplies, under Section P1501.1.1 of Article 15 of the Michigan Plumbing code, R325.1674A of Part 127, Act 368 PA 1978 Administrative Rules, and Rule 1108(3) of Act 399, PA 1976.

**CAMPBELL** - SANITARY YARD HYDRANT (SYH)

**HIDE-DRANT CORPORATION** – HIDE-DRANT MODEL 99 YARD HYDRANT (model number change, see below)  
HIDE 7501-7503                      HIDE SS2750                      HIDE 104-108

**HOEPTNER PERFECTED PRODUCTS** - FREEZE FLOW SANITARY YARD HYDRANT  
STANDARD FREEZE FLOW SANITARY YARD HYDRANT  
EXECUTIVE FREEZE FLOW SANITARY YARD HYDRANT

**MERRILL MFG. CO.** - H-3000 SERIES WITH HEATING CABLE AND NO DRAIN HOLE

**MURDOCK, INC.** - EXPELO - SANITARY POST WATER HYDRANT

**SIMMONS MANUFACTURING COMPANY** – SIMMONS SANITARY YARD HYDRANT

**WHITEWATER MFG. CO.** - MODEL 256 FREEZE-PROOF/POLLUTION-PROOF YARD HYDRANT (Out of Production)

**WOODFORD MFG. CO.** - MODEL S1 FREEZE-PROOF/POLLUTION-PROOF YARD HYDRANT (Out of Production)  
MODEL S2 SANITARY HYDRANT (Out of Production)  
MODEL S3 SANITARY HYDRANT  
MODEL S4H SANITARY HYDRANT

**Buried Pressure Tanks**

<b><u>ADVANCE-MORRISON</u></b>			
HORIZONTAL UNDERGROUND PRESSURE TANK			
BWS-116-120		BWS-116-500	
BWS-116-220		BWS-116-1000	
BWS-116-315		BWS-116-1500	
<b><u>AMTROL, INC.</u></b>			
WELL-X-TROL "UG" (UNDERGROUND TANK)			
<b><u>A. O. SMITH</u></b>			
<i>Aqua Air Underground Tank, CentriPro, HydroPro, Perma-Air Diaphragm Tank, State Industries Company, Trident Ultra, Wellsaver</i>			
AD 36 (Out of Production)	PAD 14	PCM 20	SBD 14
AD 36S (Out of Production)	PAD 20	PCM 36	SBD 20
	PAD 31	PCM 52	SBD 32
	PAD 32	PCM 86	SBD 36S
	PAD 36S	PCM 88	SBD 52
	PAD 52		SBD 65
	PAD 86		SBD 86
	PAD 96		SBD 96
	PAD 119		SBD 119



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<b><u>A. O. SMITH - CONTINUED</u></b>			
LPT 14 (Out of Production) LPT 20 (Out of Production) LPT 36S (Out of Production) LPT 52 (Out of Production) LPT 86 (Out of Production) LPT 119 (Out of Production)	LLT 25 (Out of Production)	LMT 20 (Out of Production) LMT 36S (Out of Production) LMT 52 (Out of Production) LMT 86 (Out of Production)	SPMD 14 SPMD 20 SPMD 31 SPMD 32 SPMD 36S SPMD 52 SPMD 86 SPMD 96 SPMD 119
V45B V60B V140B V200B	T 45 T 60 T 80 T 100 T 140 T 200	TDU 14 TDU 20 TDU 26 TDU 32 TDU 35 TDU 45 TDU 65 TDU 85 TDU 86 TDU 119	
<b><u>CLAYTON MARK</u></b> PRECHARGED UNDERGROUND TANK			
<b><u>FLEXCON INDUSTRIES</u></b> WELL-RITE BG SERIES WR 60BG WR 100BG WR 140BG		FLEX-LITE PRESSURE TANKS FL5 FL7 FL12 FL17 FL22 FL28 FL30 FL40	
<b><u>IN-WELL TECHNOLOGIES</u></b> Fits into 4-inch, 5-inch, 6-inch, or larger wells NT-30SS 3 5/8-inch dia, 102-inch length NT-40SS 4 1/2-inch dia, 48-inch length			
<b><u>MEDALIST MFG. CO.</u></b> PERMA PRESSURE II AVU-H TUVM			
<b><u>MERRILL MFG. CO.</u></b> ULTIMATE BURIED TANK (POLYURETHANE FOAM ENCASED)			
<b><u>MONITOR (BAKER MFG. CO.)</u></b> TUVWF TUVWM (Out of Production)			
<b><u>PENTAIR WATER TREATMENT</u></b> <i>WELL-MATE, ProSource</i>			
WM-4 LP (Out of Production) WM-6 UG (Out of Production) WM-9 UG (Out of Production) WM-12 UG (Out of Production) WM-10LP WM-6LP WM-35WB WM-25WB WM-20WB	WM-14WB WM-4 WM-6 WM-9 WM-12 WM-23	+PSC-14-4 +PSC-30-9 +PSC-48-14 +PSC-80-23 +PSC-119-35 +PSC-85-25 +PSC-60-20 +PSC-35-10 +PSC-20-6	
<b><u>STA-RITE INDUSTRIES</u></b> <i>FIBERWOUND</i>			
SR20-6S – 20 GALLONS SR35-10S – 35 GALLONS SR48-14S – 48 GALLONS		SR60-18 – 60 GALLONS SR85-25 – 85 GALLONS SR119-35 – 119 GALLONS	
<b><u>THE AMERICAN GRANBY CO.</u></b> HARVARD CHAMPION UG SERIES (UNDERGROUND TANK)			
<b><u>TITAN INDUSTRIES, INC.</u></b> Combo Tank			
<b><u>WHITewater MFG. CO.</u></b> PAT (PITLESS ADAPTER TANK) 60 – 1,500 GALLONS			