



H-3000

HEATED AND INSULATED FOR RV'S AND MFG. HOMES.

**Any Temp®/H-3000 Series Specialty
Frost-Proof Yard Hydrants**



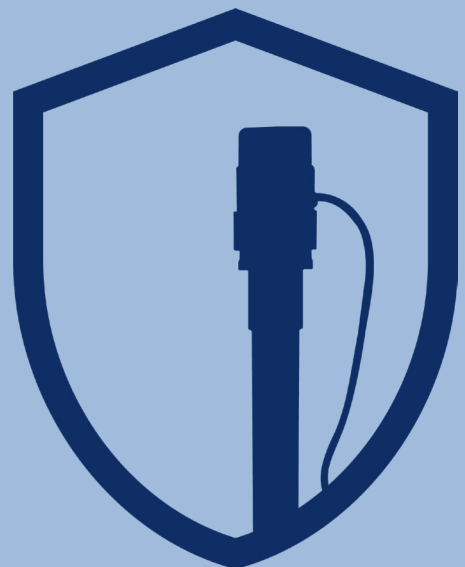
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ANY TEMP® / H-3000 SERIES

ONE HYDRANT. FOUR SEASONS.

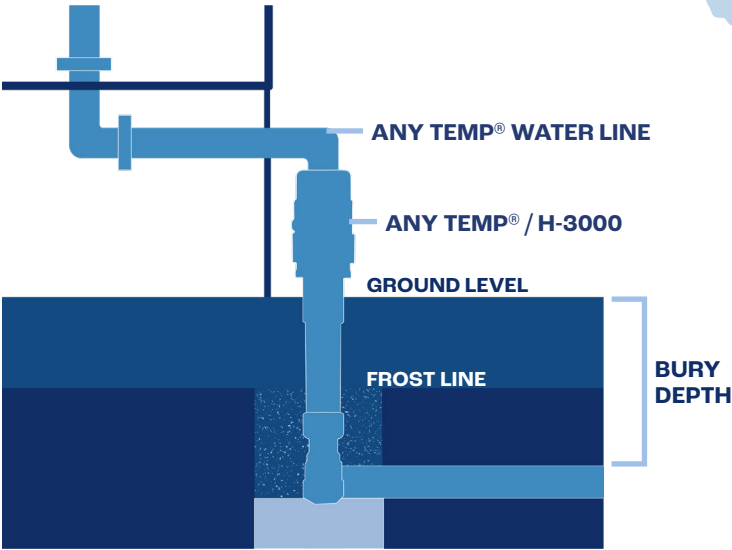
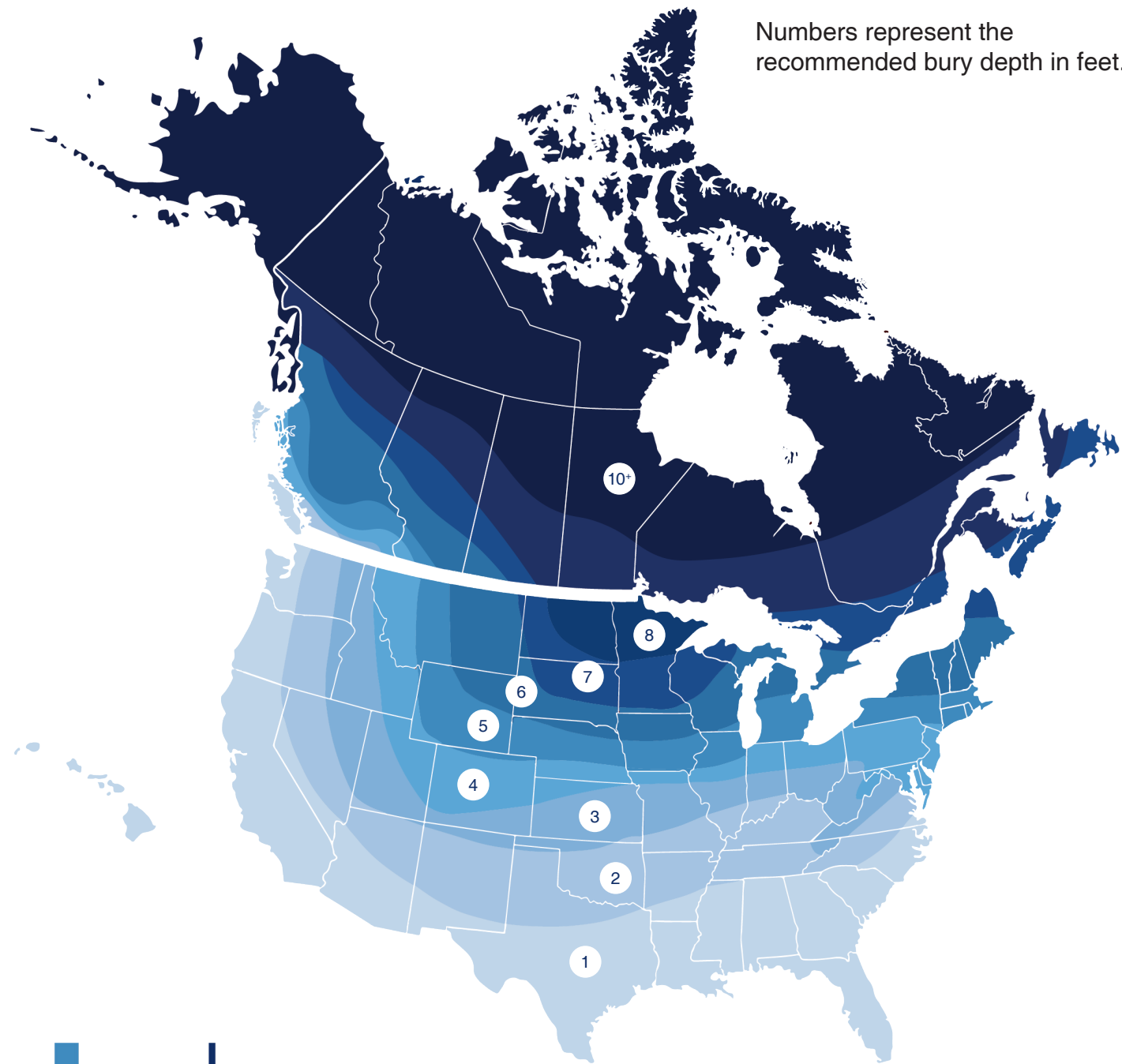
Merrill has produced top-quality yard hydrants for more than 75 years, and the Any Temp® / H-3000 gives year round water service with a self-regulating heat cable from below the frost line to the outlet.

The Heated Hydrant is a simple unit designed to provide frost proof water service. Answers the need for sanitary installations from buried water line to above ground water connection. Supplies the supply pipe with shut-off valve, needed for each RV, mobile or manufactured home, water supply year round.



BURY DEPTH MAP

Numbers represent the recommended bury depth in feet.



Bury Depth Information

The frost line is simply the deepest point in the ground to which ground water will freeze. It's also referred to as the frost depth. Be sure the hydrant is installed with provision for drainage below the frost line.

Numbers represent the number of feet that is the recommended bury depth for this area. Check with your local code to ensure the right length.

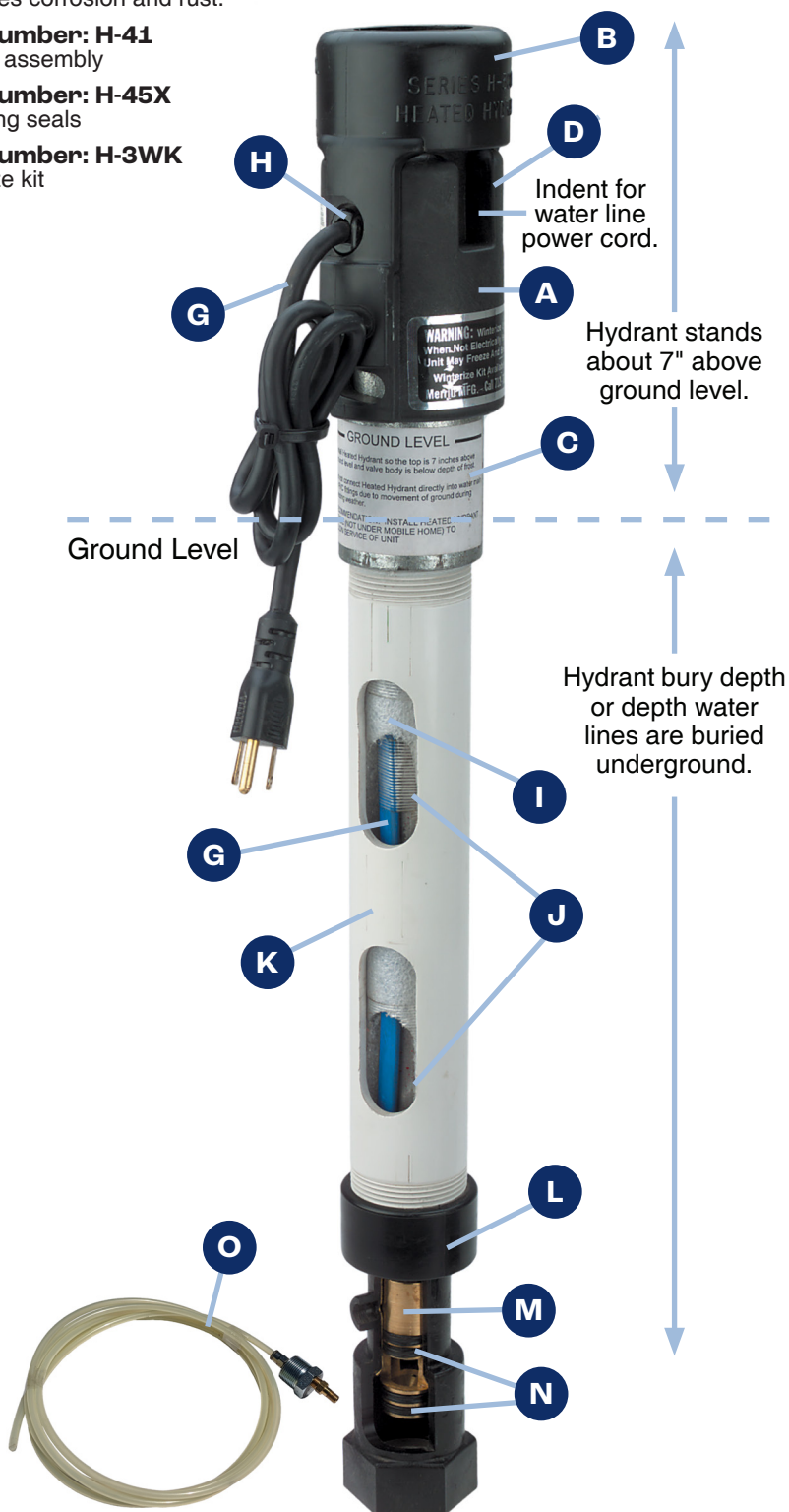
FEATURES AND BENEFITS

- A Part Number: H-1**
Super tough and high-strength head
- B Part Number: H-2**
Head cover
- C Part Number: H-4**
Extra heavy steel collar protects hydrant from normal abuse when mowing grass or shoveling snow.
- D Part Number: H-11**
Insert in head to allow power cord for frost-proof water line.
- E Part Number: H-6**
Self-tapping screw (not shown)
- F Part Number: Y-8**
Socket head cap screw (not shown)
- G Part Number: H-10**
Heating cable with cord set
- H Part Number: H-11**
Strain relief bushing holds cord and protects heating cable from damage.
- I Part Number: H-20**
Ethafoam insulation
- J Part Number: H-35**
Galvanized pipe or rigid copper tube
- K Part Number: H-37**
1-1/2" sch. 80 PVC pipe

- L Part Number: H-40/H-40D**
Heavy molded Delrin® valve body/valve body with drain eliminates corrosion and rust.
- M Part Number: H-41**
Plunger assembly
- N Part Number: H-45X**
Quad ring seals
- O Part Number: H-3WK**
Winterize kit

Parts List

Part Description	Part Number
Head Complete	H-1
Self-Tapping Insert for H1	H-11
Head Cover	H-2
Steel Collar	H-4
5/16" Socket Head Cap Screw	H-5
1/2" Self-Tapping Screw	H-6
3/8" x 5/16" Socket Head Cap Screw	Y-8
Heating Cable with Cord Set	H-10
Strain Relief Bushing	H-11
Ethafoam Insulation	H-20
Galvanized Pipe – Copper Tube	H-35
1-1/2" Sch. 80 PVC Pipe	H-37
S.S. Hex Bushing	SSHB12575
Valve Body	H-40
Valve Body with Drain Hole	H-40D
Plunger Assembly with 4 Quad Ring Seals	H-41
Quad Ring Seals	H-45X
Winterize Kit (for models with no drain holes)	H3WK
Container of Silicone Lube	A-250
Packing Gland Assembly – Parts No. C30, C31, C-35, OR116	C-131
Packing Gland Assembly – Parts No. C30-ZPS, C31-ZPS, C-35, OR116	C131-ZPS
Container of Silicone Lube	A-250



SPECIFICATIONS

Water Connectors shall be Merrill Any Temp® Heated Hydrant _____ ft. bury with 5 watts / ft. self-regulating heating cable, Ethafoam insulation, simple sanitary straight line design.

Any Temp® Flow Rates

	Gallons Per Minute (GPM)						
	0	10	30	40	50	60	70
20 PSI			30 GPM @ 20 PSI				
30 PSI			36.5 GPM @ 30 PSI				
40 PSI			43.5 GPM @ 40 PSI				
60 PSI			61 GPM @ 60 PSI				

NOTE: Most common 1/2 hp submersible pumps output is 10GPM.

Any Temp® / H-3000 with Drain Back

Order Number	UPC Bar Code (Qty. 1)	Inlet Size x Length	Riser Pipe	Overall Length	Approx. Wt./Lbs.
Standard					
H7501D	6 42367 01658 6	3/4" x 1' Bury	1/2" Galv.	18"	4.2
H7502D	6 42367 01661 6	3/4" x 2' Bury	1/2" Galv.	30"	5.7
H7503D	6 42367 01664 7	3/4" x 3' Bury	1/2" Galv.	42"	7.2
H7504D	6 42367 01667 8	3/4" x 4' Bury	1/2" Galv.	54"	8.8
H7505D	6 42367 01670 8	3/4" x 5' Bury	1/2" Galv.	66"	10.4
H7506D	6 42367 01673 9	3/4" x 6' Bury	1/2" Galv.	78"	12.0
H7507D	6 42367 01675 3	3/4" x 7' Bury	1/2" Galv.	90"	13.6
H7508D	6 42367 01677 7	3/4" x 8' Bury	1/2" Galv.	102"	15.2
H7510D	6 42367 01679 1	3/4" x 10' Bury	1/2" Galv.	126"	18.4
Deluxe					
DH7501D	6 42367 01118 5	3/4" x 1' Bury	3/4" Copper	18"	4.0
DH7502D	6 42367 01120 8	3/4" x 2' Bury	3/4" Copper	30"	5.5
DH7503D	6 42367 01122 2	3/4" x 3' Bury	3/4" Copper	42"	7.0
DH7504D	6 42367 01124 6	3/4" x 4' Bury	3/4" Copper	54"	8.6
DH7505D	6 42367 01126 0	3/4" x 5' Bury	3/4" Copper	66"	10.2
DH7506D	6 42367 01128 4	3/4" x 6' Bury	3/4" Copper	78"	11.8
DH7507D	6 42367 01130 7	3/4" x 7' Bury	3/4" Copper	90"	13.4
DH7508D	6 42367 01132 1	3/4" x 8' Bury	3/4" Copper	102"	15.0
DH7510D	6 42367 01134 5	3/4" x 10' Bury	3/4" Copper	126"	18.2

NOTE: Heating Cable included. Insulation only (No Heating Cable) add "NC" after Order Number.

Any Temp® / H-3000 for Municipal Water Systems

Order Number	UPC Bar Code (Qty. 1)	Inlet Size x Length	Riser Pipe	Overall Length	Approx. Wt./Lbs.
Standard					
H7501	6 42367 01657 9	3/4" x 1' Bury	1/2" Galv.	18"	4.2
H7502	6 42367 01659 3	3/4" x 2' Bury	1/2" Galv.	30"	5.7
H7503	6 42367 01662 3	3/4" x 3' Bury	1/2" Galv.	42"	7.2
H7504	6 42367 01665 4	3/4" x 4' Bury	1/2" Galv.	54"	8.8
H7505	6 42367 01668 5	3/4" x 5' Bury	1/2" Galv.	66"	10.4
H7506	6 42367 01671 5	3/4" x 6' Bury	1/2" Galv.	78"	12.0
H7507	6 42367 01674 6	3/4" x 7' Bury	1/2" Galv.	90"	13.6
H7508	6 42367 01676 0	3/4" x 8' Bury	1/2" Galv.	102"	15.2
H7510	6 42367 01678 4	3/4" x 10' Bury	1/2" Galv.	126"	18.4
Deluxe					
DH7501	6 42367 01117 8	3/4" x 1' Bury	3/4" Copper	18"	4.0
DH7502	6 42367 01119 2	3/4" x 2' Bury	3/4" Copper	30"	5.5
DH7503	6 42367 01121 5	3/4" x 3' Bury	3/4" Copper	42"	7.0
DH7504	6 42367 01123 9	3/4" x 4' Bury	3/4" Copper	54"	8.6
DH7505	6 42367 01125 3	3/4" x 5' Bury	3/4" Copper	66"	10.2
DH7506	6 42367 01127 7	3/4" x 6' Bury	3/4" Copper	78"	11.8
DH7507	6 42367 01129 1	3/4" x 7' Bury	3/4" Copper	90"	13.4
DH7508	6 42367 01131 4	3/4" x 8' Bury	3/4" Copper	102"	15.0
DH7510	6 42367 01133 8	3/4" x 10' Bury	3/4" Copper	126"	18.2

NOTE: With Heating Cable - No Drain Back. Insulation only (No Heating Cable) add "NC" after Order Number. If unit is shut off and unplugged - Winterie Kit needed.

WATER LINE PACKAGE

For Mobile / Manufactured Homes

Insulated only for warm climate or heated and insulated for cold climate.

Merrill's Water Line provides THE ANSWER for the outdoor water connection from water riser or heated hydrant. The Water Lines is a complete factory assembled package with all the parts needed for a simple installation of the main water supply to the Mobile / Manufactured home.

Water Line Package contains:

- 3/4" Flexible Plastic Pipe
- 3/4" Pipe Thread to Plastic Pipe Fittings
- Stainless Steel Pipe Clamp
- 1/2" Thick Foam Insulation
- Energy Efficient Heating Cable with UL Approved Outdoor Electrical Cord
- All factory assembled for easy end connection.

*Ideal for Installation with Merrill Any Temp® / H-3000 Series Heated Hydrants

A Frost Proof Riser Pipe and Shut-Off Valve for Connection to Buried Water Line.

Frost-Proof Water Line with Swivel*

Order Number	UPC Bar Code (Qty. 1)	Pipe Size	Pipe Length	Approx. Wt./Lbs.
HWLS6	6 42367 01702 6	3/4"	6'	2.6
HWLS8	6 42367 01703 3	3/4"	8'	2.8
HWLS10	6 42367 01697 5	3/4"	10'	3.0
HWLS12	6 42367 01698 2	3/4"	12'	3.2
HWLS15	6 42367 01699 9	3/4"	15'	3.7
HWLS20	6 42367 01700 2	3/4"	20'	4.2
HWLS25	6 42367 01701 9	3/4"	25'	4.7

With 1/2" thick insulation and self-regulating heating cable.

Standard Frost-Proof Water Line

Order Number	UPC Bar Code (Qty. 1)	Pipe Size	Pipe Length	Approx. Wt./Lbs.
HWL6	6 42367 01693 7	3/4"	6'	2.3
HWL8	6 42367 01694 4	3/4"	8'	2.5
HWL10	6 42367 01688 3	3/4"	10'	2.7
HWL12	6 42367 01689 0	3/4"	12'	2.9
HWL15	6 42367 01690 6	3/4"	15'	3.2
HWL20	6 42367 01691 3	3/4"	20'	3.7
HWL25	6 42367 01692 0	3/4"	25'	4.2

With 1/2" thick insulation and self-regulating heating cable. Lengths other than listed available - Call for quote.

Insulated Water Line with Swivel (No Heat Cable)*

Order Number	UPC Bar Code (Qty. 1)	Pipe Size	Pipe Length	Approx. Wt./Lbs.
IWLS6	6 42367 01767 5	3/4"	6'	2.3 lbs
IWLS8	6 42367 01768 2	3/4"	8'	2.5 lbs
IWLS10	6 42367 01762 0	3/4"	10'	2.7 lbs
IWLS12	6 42367 01763 7	3/4"	12'	2.9 lbs
IWLS15	6 42367 01764 4	3/4"	15'	3.2 lbs
IWLS20	6 42367 01765 1	3/4"	20'	3.7 lbs
IWLS25	6 42367 01766 8	3/4"	25'	4.2 lbs

With 1/2" thick insulation and self-regulating heating cable. Lengths other than listed available - Call for quote.

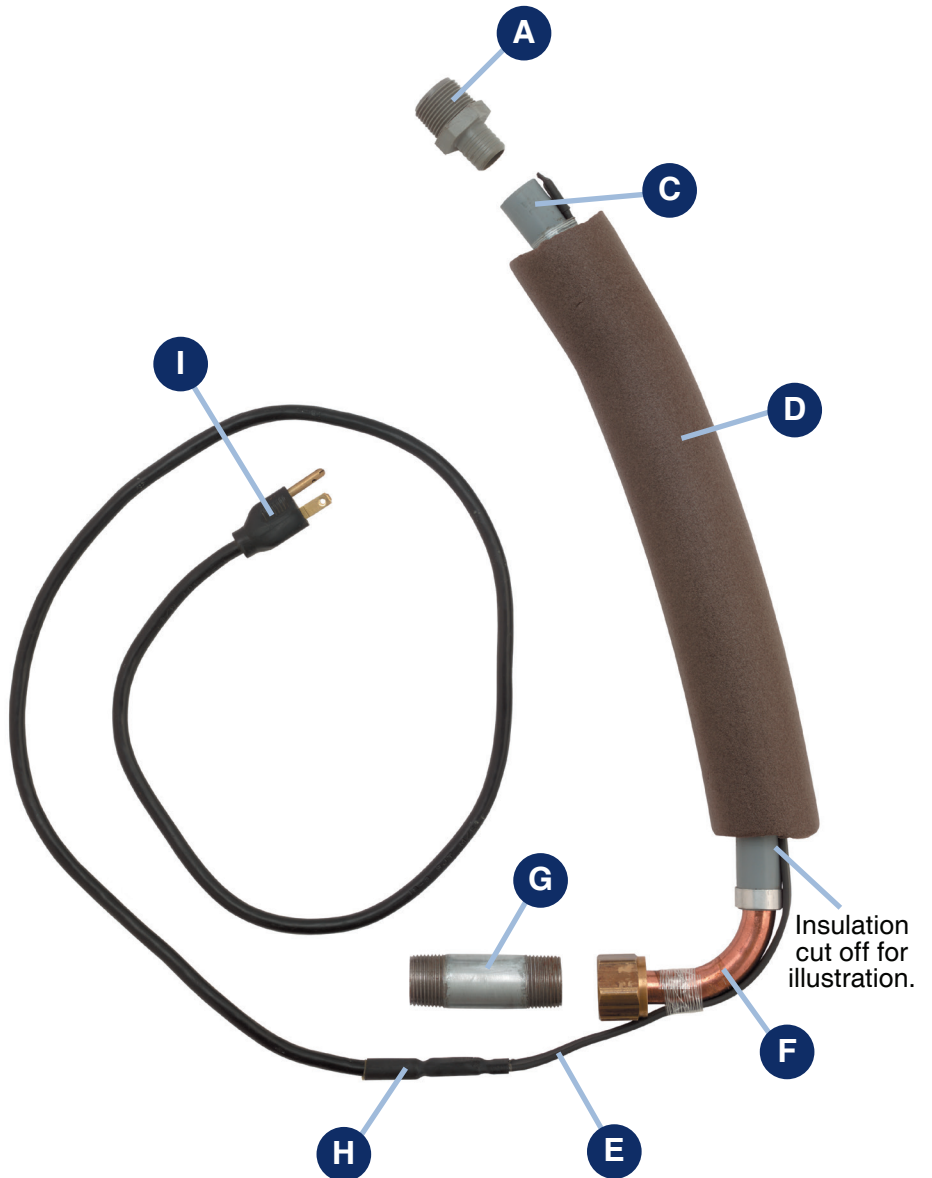
Standard Insulated Water Line (No Heat Cable)

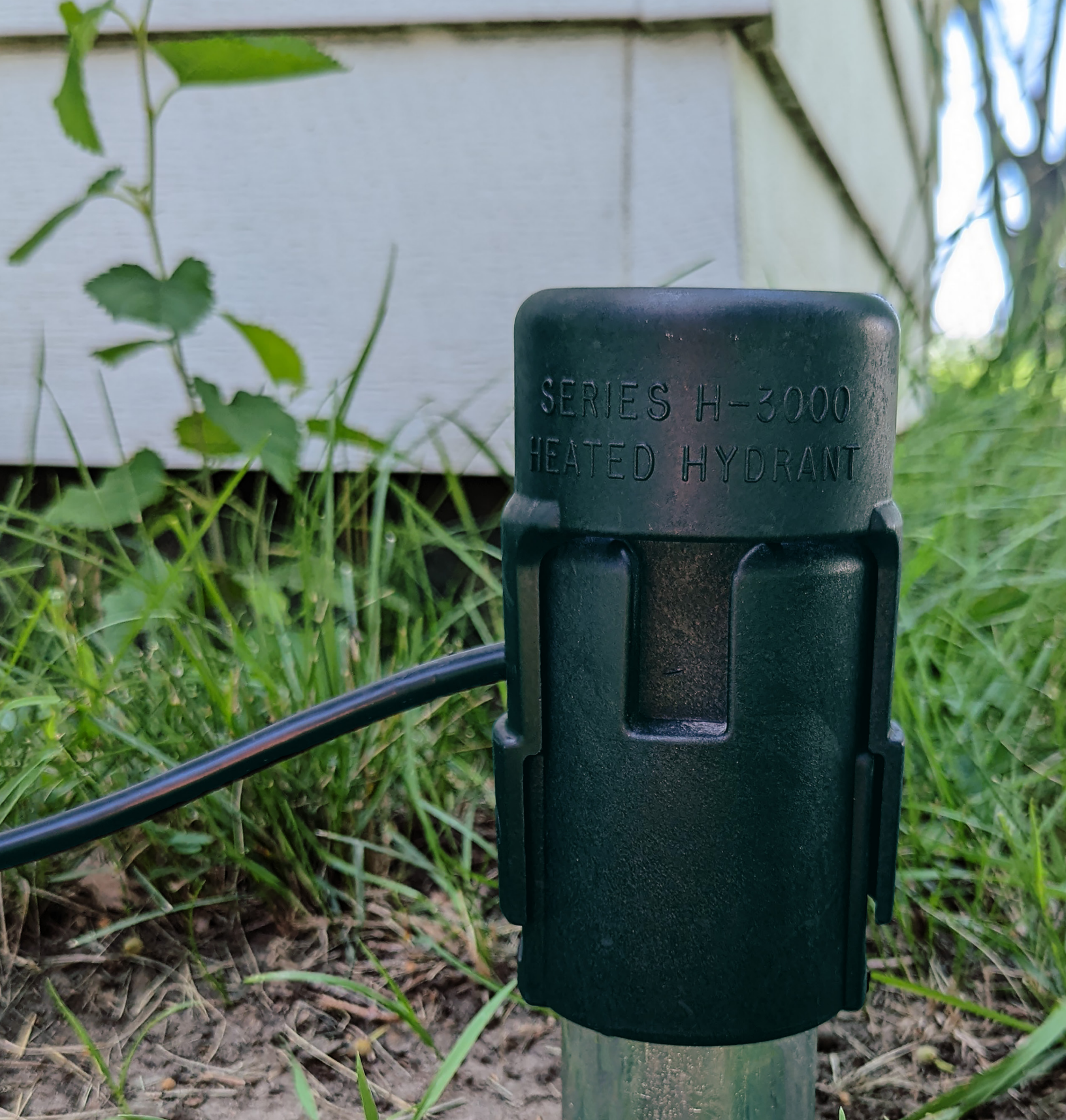
Order Number	UPC Bar Code (Qty. 1)	Pipe Size	Pipe Length	Approx. Wt./Lbs.
IWL6	6 42367 01760 6	3/4"	6'	2.0 lbs
IWL8	6 42367 01761 3	3/4"	8'	2.2 lbs
IWL10	6 42367 01755 2	3/4"	10'	2.4 lbs
IWL12	6 42367 01756 9	3/4"	12'	2.6 lbs
IWL15	6 42367 01757 6	3/4"	15'	2.9 lbs
IWL20	6 42367 01758 3	3/4"	20'	3.4 lbs
IWL25	6 42367 01759 0	3/4"	25'	3.9 lbs

With 1/2" thick insulation and self-regulating heating cable. Lengths other than listed available - Call for quote.

FEATURES AND BENEFITS

- A Fitting**
3/4" NPT pipe to 3/4" polyethylene acetal plastic insert fitting.
- B Clamp**
All stainless steel with 1/4" slotted hex head screw.
- C Plastic Pipe**
Flexible polyethylene pipe 3/4" - 160 PSI rated, approved by all pumping codes (UPC, IAPMO, NSF, CSA, etc.)
- D Pipe Insulation**
Flexible closed cell polyethylene foam 1/2" thick (shown cut for illustration purposes).
- E Heating Cable**
Self-regulating heating cable, nominal rating 5 watts / ft. at 120 volts.
- F Swivel Elbow**
3/4" copper tube clamped on to poly pipe and brass nut for swivel.
- G Pipe Nipple**
3/4" pipe x 3" long connection to water supply and swivel elbow.
- H Electrical Splice**
Insulated crimp connectors covered with a waterproof heat shrink sleeve.
- I Power Cord**
UL approved outdoor cord 3 ft. long.





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