



# HIDESS27503

## Hide-Drant Removable and Sanitary Hydrant

### Submittal Data



HIDESS27503

Job or Customer \_\_\_\_\_

Engineer \_\_\_\_\_

Contractor \_\_\_\_\_

Submitted by \_\_\_\_\_ Date \_\_\_\_\_

Approved by \_\_\_\_\_ Date \_\_\_\_\_

Purchase Order Number: \_\_\_\_\_

Date Required: \_\_\_\_\_

Cut Away View - Shows stainless steel check valve and stainless steel coupling at bottom

### Technical Data - Hydrant

HIDESS27503 - HIDE-DRANT Removable and Sanitary Hydrant

Inlet - 3/4" Female NPT into Stainless Steel

Outlet - 3/4" No Lead Brass Vacuum Breaker

Stand Pipe 3/4" Galvanized Pipe

Bottom Case - 1-1/2" Sch. 40 PVC - Includes - Repairable Stainless Steel Stop Valve

Bury Depth - 3 feet

Overall Length - 64.0"

**WARNING:** This hydrant must have the stand pipe removed and water drained out of pipe when freezing temperatures may be present. Warranty does not cover damage due to freezing temperatures or water frozen within the product.

Main # (712) 732-2760

Fax # (712) 732-4401

U.S. & Iowa # (800) 831-6962

U.S. Fax # (800) ANY FLOW

www.merrillmfg.com



315 Flindt Drive  
P.O. Box 392  
Storm Lake, Iowa  
50588-0392 U.S.A.

Flow Rate: Standard 3/4" Hide-Drant With Vacuum Breaker

Flow Rate: Standard 3/4" Hide-Drant Without Vacuum Breaker

WATER SYSTEM PRESSURE	GALLONS PER MINUTE (GPM)										
	0	5	10	15	20	25	30	35	40	45	50
20 PSI											
	4 GPM @ 20 PSI										
	10 GPM @ 20 PSI										
30 PSI											
	6 GPM @ 30 PSI										
	13 GPM @ 30 PSI										
40 PSI											
	8 GPM @ 40 PSI										
	16 GPM @ 40 PSI										
50 PSI											
	12 GPM @ 50 PSI										
	18 GPM @ 50 PSI										
60 PSI											
	12 GPM @ 60 PSI										
	21 GPM @ 60 PSI										
80 PSI											
	14 GPM @ 80 PSI										
	24 GPM @ 80 PSI										

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