

# AWWA C502, DRY BARREL

# HYDRANT – OPTIONS

## AWWA C502 DRY BARREL HYDRANT OPTIONS

• Style

- 27M – Modern (2700)
- 27N – Nostalgic (2780)

• Pumper/Outlet Options

- NHH– No Pumper (N), 2 Hose (H)
- PHH– 1 Pumper (P), 2 Hose (H)
- PNN– 1 Pumper (P), No Hose (N)
- PPN– 2 Pumper (P), No Hose (N)

• Pumper Nozzle

- Size 3.5" 4" 4.5" 5"
- Thread Type \_\_\_\_\_

• Hose Nozzle

- Thread type \_\_\_\_\_

• Chains

- With Chains
- Without Chains

• Operating Nut

- Size \_\_\_\_\_
- Shape Hexagon Pentagon Square Triangle

• Upper Barrel – 27M Modern only

- Standard 12"
- 16" - ( Overall height )
- 18" ( 6" - Extended )
- 22" - ( Overall height )
- 30" (Alpine)
- Monitor Elbow – 3" flange  4" flange

• Lower Barrel

- Bitumen
- Non-bitumen
- PUR – ( PUR coating below ground )

• Bolting Above Ground

- Zinc Plated Steel ( Standard )
- 304 Stainless Steel
- 316 Stainless

• Bolting Below Ground

- 304 Stainless Steel ( Standard )
- 316 Stainless Steel
- Zinc Plated Steel

• Opening Direction

- Open Left
- Open Right

• Main Valve

- Hydro Flow - Standard

• Drain Facility

- Plugged seat ring
- Plugged main valve flange – Base
- Drains unplugged

• Upper Stem

- 304 Stainless ( Standard )
- 316 Stainless
- C63000 Bronze
- Steel with brass sleeve

• Lower Stem

- Standard steel ( Standard )
- 304 Stainless
- 316 Stainless
- C63000 Bronze

• Stem Coupler

- Standard
- Charleston Type
- Vancouver Type

• Lubrication

- Grease Filled
- Oil Filled

• PE Inlet Configuration

- Size  4"  6"
- PE Type, IPS  DIPS
- PE Wall Thickness DR 9  DR11  DR13.5

• Other Inlet Configurations

- Size  4"  6"  8"
- Type FL  MJ  PO  Straight

• Bury Depth, Lower Barrel – Hydrant no.

- Depth in feet \_\_\_\_\_

• Lower Barrel Extension

- Length in 6" increments \_\_\_\_\_

# AWWA C502, DRY BARREL

# HYDRANT – OPTIONS (cont.)

## AWWA C502 DRY BARREL HYDRANT OPTIONS (CONT.)

- Lower Barrel Extension Canadian ( Halton ) Type
- Length in 6" increments \_\_\_\_\_

- Bearings
- Delrin ( Standard )
- Roller ( Torrington type )

- Color
- Body \_\_\_\_\_
- Hose Cap \_\_\_\_\_
- Pumper Cap \_\_\_\_\_
- Bonnet \_\_\_\_\_
- Weathershield \_\_\_\_\_
- \*Special Color \_\_\_\_\_

\*Special Colors may require price adders.  
Please contact your territory representative.\*

- FlowGuard I™ ( Optional )
- 316 Bolting
- PUR Coating

- Security
- None ( Standard )
- Tamper Proof Weathershield
- Tamper Proof Thrust Nut

- Stem Nut / Weathershield
- Size 1.5" Pent.  1" Square
- Weathershield type \_\_\_\_\_

- Special Options – All special options must be approved by AVK

• \_\_\_\_\_

## AWWA C502 DRY BARREL HYDRANT OPTIONS

Customer: \_\_\_\_\_

Municipality: \_\_\_\_\_

Engineer: \_\_\_\_\_

Requested By: \_\_\_\_\_

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

Approval Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

## AWWA C502 DRY BARREL HYDRANT ACRONYMS :

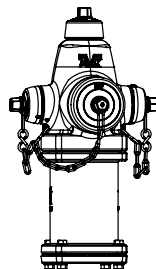
**AWWA - American Water Works Association**  
**DIPS - Ductile Iron Pipe Size**  
**EPDM - Ethylene Propylene Diene Monomer**  
**FL - Flange**  
**FM - Factory Mutual**  
**GR - Grooved**  
**HDPE - High Density Polyethylene**  
**IPS - Iron Pipe Size**

**MJ - Mechanical Joint**  
**PE - Polyethylene**  
**PO - Push - On**  
**PUR - Polyurethane**  
**SDR - Standard Dimension Ratio**  
**SS - Stainless Steel**  
**UL - Underwriters Laboratories**

AWWA C502, DRY BARREL HYDRANTS

Type	AVK Ref. #	Size	Weight		Price US \$
			kg	lb	

**Series 27M/PHH  
(2700) Modern style  
Ductile iron**



To AWWA C502  
UL listed  
FM approved  
Dry barrel hydrant  
2 Hose Nozzles  
1 Pumper Nozzle  
Standard bases available:  
250 PSI

Standard bases available:  
4" FL\* or 4" MJ\*  
6" FL  
6" MJ  
6" PO

Optional bases available:  
4" PE\* Add 451  
6" PE\* Add 451  
6" Straight\* Add 350  
6" HYMAX GRIP®\* Add 300  
8" MJ\* Add 250  
\* Not UL/FM  
Handwheel Kit Add 401

Copper Alloy/Cast Iron  
Storz Nozzles with Cap  
2.5" Add 601  
4" Add 740  
5" Add 821

27M/PHH-01	1.5'	127	280	4,087
27M/PHH-02	2.0'	136	300	4,087
27M/PHH-03	2.5'	145	320	4,087
27M/PHH-04	3.0'	154	340	4,189
27M/PHH-05	3.5'	163	360	4,291
27M/PHH-06	4.0'	172	380	4,393
27M/PHH-07	4.5'	181	400	4,495
27M/PHH-08	5.0'	190	420	4,597
27M/PHH-09	5.5'	200	440	4,699
27M/PHH-10	6.0'	209	460	4,801
27M/PHH-11	6.5'	218	480	4,903
27M/PHH-12	7.0'	227	500	5,005
27M/PHH-13	7.5'	236	520	5,107
27M/PHH-14	8.0'	245	540	5,209
27M/PHH-15	8.5'	254	560	5,311
27M/PHH-16	9.0'	263	580	5,413
27M/PHH-17	9.5'	272	600	5,515
27M/PHH-18	10.0'	281	620	5,617
27M/PHH-19	10.5'	290	640	5,719
27M/PHH-20	11.0'	300	660	5,821
27M/PHH-21	11.5'	309	680	5,923
27M/PHH-22	12.0'	318	700	6,025

Note: List prices without accessories. For each 6" increase to bury depth over 12' add \$102  
Add \$51 for 16" Upper Barrel  
Add \$75 for 18" Upper Barrel  
Add \$102 for 22" Upper Barrel

**Type**

**Series 27M/PNN  
(2712) Modern style  
Ductile iron**



To AWWA C502  
Dry barrel hydrant  
1 Pumper Nozzle ONLY  
No Hose Nozzles  
Standard bases available:  
250 PSI

Standard bases available:  
4" FL\* or 4" MJ\*  
6" FL  
6" MJ  
6" PO

Optional bases available:  
4" PE\* Add 451  
6" PE\* Add 451  
6" Straight\* Add 350  
6" HYMAX GRIP®\* Add 300  
8" MJ\* Add 250  
\* Not UL/FM  
Handwheel Kit Add 401

Copper Alloy/Cast Iron  
Storz Nozzles with Cap  
2.5" Add 601  
4" Add 740  
5" Add 821

**AVK Ref. #**

**Size**

**Weight**

**kg lb**

**Price  
US \$**

27M/PNN-01	1.5'	127	280	3,787
27M/PNN-02	2.0'	136	300	3,787
27M/PNN-03	2.5'	145	320	3,787
27M/PNN-04	3.0'	154	340	3,889
27M/PNN-05	3.5'	163	360	3,991
27M/PNN-06	4.0'	172	380	4,093
27M/PNN-07	4.5'	181	400	4,195
27M/PNN-08	5.0'	190	420	4,297
27M/PNN-09	5.5'	200	440	4,399
27M/PNN-10	6.0'	209	460	4,501
27M/PNN-11	6.5'	218	480	4,603
27M/PNN-12	7.0'	227	500	4,705
27M/PNN-13	7.5'	236	520	4,807
27M/PNN-14	8.0'	245	540	4,909
27M/PNN-15	8.5'	254	560	5,011
27M/PNN-16	9.0'	263	580	5,113
27M/PNN-17	9.5'	272	600	5,215
27M/PNN-18	10.0'	281	620	5,317
27M/PNN-19	10.5'	290	640	5,419
27M/PNN-20	11.0'	300	660	5,521
27M/PNN-21	11.5'	309	680	5,623
27M/PNN-22	12.0'	318	700	5,725

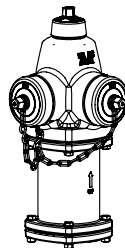
Note: List prices without accessories. For each 6" increase to bury depth over 12' add \$102

Add \$51 for 16" Upper Barrel

Add \$75 for 18" Upper Barrel

Add \$102 for 22" Upper Barrel

**Series 27M/PPN  
(2736) Modern style  
Ductile iron**



To AWWA C502  
UL listed  
Dry barrel hydrant  
2 Pumper Nozzle ONLY\*\*  
No Hose Nozzles  
Standard bases available:  
250 PSI

Standard bases available:  
4" FL\* or 4" MJ\*  
6" FL  
6" MJ  
6" PO

Optional bases available:  
4" PE\* Add 451  
6" PE\* Add 451  
6" Straight\* Add 350  
6" HYMAX GRIP®\* Add 300  
8" MJ\* Add 250  
\* Not UL/FM  
Handwheel Kit Add 401

Copper Alloy/Cast Iron  
Storz Nozzles with Cap  
2.5" Add 601  
4" Add 740  
5" Add 821

27M/PPN-01	1.5'	127	280	3,915
27M/PPN-02	2.0'	136	300	3,915
27M/PPN-03	2.5'	145	320	3,915
27M/PPN-04	3.0'	154	340	4,015
27M/PPN-05	3.5'	163	360	4,117
27M/PPN-06	4.0'	172	380	4,219
27M/PPN-07	4.5'	181	400	4,321
27M/PPN-08	5.0'	190	420	4,423
27M/PPN-09	5.5'	200	440	4,525
27M/PPN-10	6.0'	209	460	4,627
27M/PPN-11	6.5'	218	480	4,729
27M/PPN-12	7.0'	227	500	4,831
27M/PPN-13	7.5'	236	520	4,933
27M/PPN-14	8.0'	245	540	5,035
27M/PPN-15	8.5'	254	560	5,137
27M/PPN-16	9.0'	263	580	5,239
27M/PPN-17	9.5'	272	600	5,341
27M/PPN-18	10.0'	281	620	5,443
27M/PPN-19	10.5'	290	640	5,545
27M/PPN-20	11.0'	300	660	5,647
27M/PPN-21	11.5'	309	680	5,749
27M/PPN-22	12.0'	318	700	5,851

Note: List prices without accessories. For each 6" increase to bury depth over 12' add \$102

Add \$51 for 16" Upper Barrel

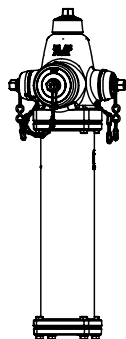
Add \$75 for 18" Upper Barrel

Add \$102 for 22" Upper Barrel

**Type**

**Series 27M/PHH-ALP  
(2730) Modern style  
Ductile iron**

To AWWA C502  
Dry barrel hydrant  
2 Hose Nozzles  
1 Pumper Nozzle  
Extended Alpine Upper Barrel  
Standard bases available:  
250 PSI



Standard bases available:

4" FL\* or 4" MJ\*  
6" FL  
6" MJ  
6" PO

Optional bases available:

4" PE\* Add 451  
6" PE\* Add 451  
6" Straight\* Add 350  
6" HYMAX GRIP®\* Add 300  
8" MJ\* Add 250  
\* Not UL/FM  
Handwheel Kit Add 401

Copper Alloy/Cast Iron  
Storz Nozzles with Cap

2.5" Add 601  
4" Add 740  
5" Add 821

**AVK Ref. #**

**Size**

**Weight  
kg lb**

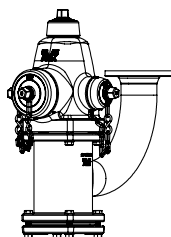
**Price  
US \$**

27M/PHH-01-ALP	1.5'	127	280	4,587
27M/PHH-02-ALP	2.0'	136	300	4,587
27M/PHH-03-ALP	2.5'	145	320	4,587
27M/PHH-04-ALP	3.0'	154	340	4,689
27M/PHH-05-ALP	3.5'	163	360	4,791
27M/PHH-06-ALP	4.0'	172	380	4,893
27M/PHH-07-ALP	4.5'	181	400	4,995
27M/PHH-08-ALP	5.0'	190	420	5,097
27M/PHH-09-ALP	5.5'	200	440	5,199
27M/PHH-10-ALP	6.0'	209	460	5,301
27M/PHH-11-ALP	6.5'	218	480	5,403
27M/PHH-12-ALP	7.0'	227	500	5,505
27M/PHH-13-ALP	7.5'	236	520	5,607
27M/PHH-14-ALP	8.0'	245	540	5,709
27M/PHH-15-ALP	8.5'	254	560	5,811
27M/PHH-16-ALP	9.0'	263	580	5,913
27M/PHH-17-ALP	9.5'	272	600	6,015
27M/PHH-18-ALP	10.0'	281	620	6,117
27M/PHH-19-ALP	10.5'	290	640	6,219
27M/PHH-20-ALP	11.0'	300	660	6,321
27M/PHH-21-ALP	11.5'	309	680	6,423
27M/PHH-22-ALP	12.0'	318	700	6,525

Note: List prices without accessories. For each 6" increase to bury depth over 12' add \$102

**Series 27M/PHH  
(27CA - Monitor Elbow)  
Modern style  
Ductile iron**

To AWWA C502  
UL listed  
FM approved  
Dry barrel hydrant  
2 Hose Nozzles  
1 Pumper Nozzle  
Monitor Elbow 3" or 4"  
Standard bases available:  
250 PSI



Standard bases available:

4" FL\* or 4" MJ\*  
6" FL  
6" MJ  
6" PO

Optional bases available:

4" PE\* Add 451  
6" PE\* Add 451  
6" Straight\* Add 350  
6" HYMAX GRIP®\* Add 300  
8" MJ\* Add 250  
\* Not UL/FM  
Handwheel Kit Add 401

Copper Alloy/Cast Iron  
Storz Nozzles with Cap

2.5" Add 601  
4" Add 740  
5" Add 821

27M/PHH-01	1.5'	127	280	5,487
27M/PHH-02	2.0'	136	300	5,487
27M/PHH-03	2.5'	145	320	5,487
27M/PHH-04	3.0'	154	340	5,589
27M/PHH-05	3.5'	163	360	5,691
27M/PHH-06	4.0'	172	380	5,793
27M/PHH-07	4.5'	181	400	5,895
27M/PHH-08	5.0'	190	420	5,997
27M/PHH-09	5.5'	200	440	6,099
27M/PHH-10	6.0'	209	460	6,201
27M/PHH-11	6.5'	218	480	6,303
27M/PHH-12	7.0'	227	500	6,405
27M/PHH-13	7.5'	236	520	6,507
27M/PHH-14	8.0'	245	540	6,609
27M/PHH-15	8.5'	254	560	6,711
27M/PHH-16	9.0'	263	580	6,813
27M/PHH-17	9.5'	272	600	6,915
27M/PHH-18	10.0'	281	620	7,017
27M/PHH-19	10.5'	290	640	7,119
27M/PHH-20	11.0'	300	660	7,219
27M/PHH-21	11.5'	309	680	7,321
27M/PHH-22	12.0'	318	700	7,423

Note: List prices without accessories. For each 6" increase to bury depth over 12' add \$102