

# **Pin Rack Hose Assembly**



- Components include: rack nipple, U/L 300 PSI angle valve, semi-automatic fire hose pin rack, brass rack nozzle, and a length of 11/2" pin rack hose
- · U/L listed and Factory Mutual approved

NH (NST) Thread	Hose	Part #	Wt. Lbs.
11/2"	50'	FHPR150-50CBF	20
11/2"	75'	FHPR150-75CBF	25
11/2"	100'	FHPR150-100CBF	30





# Semi Automatic Fire Hose Pin Rack

- red steel enameled
  - holds up to 100' of either 11/2" or 21/2" rack hose
  - 11/2" is U/L listed and Factory Mutual approved



Hose		For use wi	ith:	Dort #	Powhatan	Wt.	
Size	Size	Valve	Nipple	Part #	Part #	Lbs.	
11/2"	11/2"	AVF150	PRN150F	FHPR150	30-333-00038	4.4	
11/2"	21/2"	AVF250	PRN250F	FHPR2515	30-333-00019	4.5	

### **Pin Rack Cover**



pin rack cover

10 oz. red vinyl with Velcro™ closures

Size	Use with	Part #	Wt. Lbs.
25" x 30" x 6"	FHPR150	PRC	1.2

# **Pin Rack Nipples**







Male NPT	Male NH (NST)	Part #	Powhatan Part #	Wt. Lbs.
1½"	11/2"	PRN150F	14-136-00287	0.8
11/2"	1½"	PRN150F-C	14-136-00305	0.8
21/2"	21/2"	PRN250F	14-136-00288	2.2
21/2"	21/2"	PRN250F-C	14-136-00462	2.2

# **Pin Rack Wall Bracket**



· aluminum wall bracket used to support hose rack independent of stand pipe valve

Part #	Powhatan Part #	Wt. Lbs.
PRWB	46-019-01561	0.7



## **Fog Nozzles**

#### **Features**

- Shutoff straight stream fog
- Brass stem

#### Specification

· Maximum operating pressure: 100 PSI (water only) at 70°F (21°C)

Size	Thread	90° Spray GPM @ 100 PSI	Polycarbonate <sup>1</sup> Part #	Polycarbonate <sup>2</sup> Part #
0/4"	GHT	8.0	FNB75GHT <sup>3, 4</sup>	
3/4"	NPS	30.9	FNB75S⁴	
1"	NDC	11.4	FNB100S⁴	FN100S
1	NPS	30.9	HGB100S	
1-1/2"	NPS	83.6	FNB150S	FN150S
1"	NOT (NILI)	11.4	FNB100NST	FN100NST
1	NST (NH)	30.9	HGB100NST	
1-1/2"	NST (NH)	83.6	FNB150NST	FN150NST



with bumper



without bumper

- With bumper
- Without bumper
- 3 Standard flow
- 4 120° spray GPM @100 PSI

NOTE: Replacement washers can be found on page 19

# Fog Nozzle Flow Rate Chart

D #	Inlet Pressure		Straight Stream		am 30°		60°		9	0°
Part #	PSI	kPa	GPM	LPM	GPM	LPM	GPM	LPM	GPM	LPM
	50	(345)	18	(68)	21	(79)	24	(91)	27	(102)
BFN100	75 (517)	75 (517)	22	(83)	25	(95) 28	(106)	32	(121)	
	100	(690)	24	(91)	28	(106)	32	(121)	36	(136)
	50 (345)	90	(341)	120	(454)	130	(492)	145	(549)	
BFN250	75	(517)	100	(379)	140	(530)	150	(568)	180	(681)
1	100	(690)	110	(416)	165	(625)	180	(681)	205	(776)
HFN100	100	(690)	25	(95)		-				
HFN150	100	(690)				1 14454	2027		86	(326)
HPFN150	275	(1040)							130	(492)

### **Domestic Rack Nozzles**

#### **Features**

- Delivers 30° 60° 90° fog pattern shut-off - straight stream - fog
- · Supplied without bumper

#### **Approvals**

- · UL listed and Factory Mutual approved for class A and B fires
- · Products are to be reapproved; data subject to change in coming months

### Specification

· Maximum operating pressure: 100 PSI (water only) at 70°F (21°C)

Size	Thread	Wide Open GPM @ 100 PSI	Brass Part #	
1.1/0"	NST (NH)	100	BRN150NST	
1-1/2"	NDCH	100	RRN150	

NOTE: Replacement washers can be found on page 19

# **Global Rack Nozzles**

#### Features

- Delivers 30° 60° 90° fog pattern shut-off - straight stream - fog
- Supplied without bumper

#### Specification

 Maximum operating pressure: 100 PSI (water only) at 70°F (21°C)

#### **Approvals**

- UL listed and Factory Mutual approved for class A and B fires
- · New UL and FM approvals are pending due to change in standard UL 401
- Products are to be reapproved; data subject to change in coming months



NOTE: Replacement washers can be found on page 19













# **Angle Valves**





### **Application**

Commercial fire protection

#### Sizes

1-1/2" and 2-1/2"

#### **Features**

- Male outlet Specify thread
- NPT inlet thread only

#### Female x Male

#### **Materials**

- Body: Forged brass C37700-DZR
- Handwheel: Aluminum
- Disc: Nitrile rubber
- Available finishes:

  - forged(standard)
  - polished= -P
  - chrome= -C

#### **Specification**

Working pressure: 300 PSI at 70°F (21°C)

#### **Approvals**

- **UL** listed
- FM approved

#### **Femalex Female**

### **Application**

Commercial fire protection

• 1-1/2" and 2-1/2"

#### **Features**

NPT inlet and outlet only

#### **Materials**

- Body: Forged brass C37700-DZR
- Handwheel: Aluminum
- Disc: Nitrile rubber
- Available finishes:

## - forged(standard)

- polished= -P
- chrome= -C

#### **Specification**

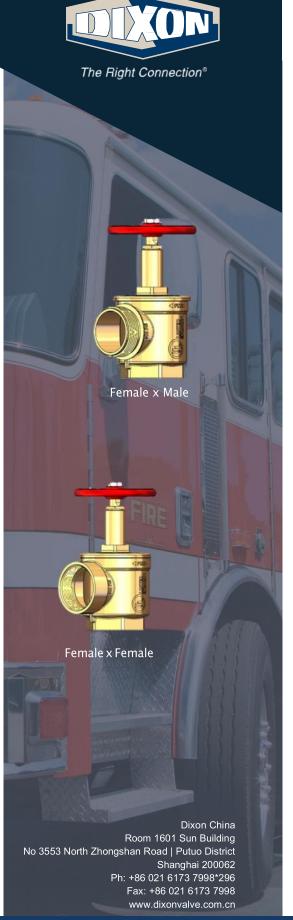
Working pressure: 300 PSI at 70°F (21°C)

### **Approvals**

- **UL** listed
- FM approved

### **Product Codes**

SERIES	SIZE	TYPE
AVF150-F	1-1/2" x 1-1/2"	NPT-F inlet x NPT-F outlet
AV150-F	1-1/2" x 1-1/2"	NPT-F inlet x NH-M outlet
AV150S-F	1-1/2" x 1-1/2"	NPT-F inlet x NPSH-M outlet
AV150T-F	1-1/2" x 1-1/2"	NPT-F inlet x NPT-M outlet
AVF250-F	2-1/2" x 2-1/2"	NPT-F inlet x NPT-F outlet
AV250-F	2-1/2" x 2-1/2"	NPT-F inlet x NH-M outlet
AV250S-F	2-1/2" x 2-1/2"	NPT-F inlet x NPSH-M outlet



# **Rack Hose - RBX**

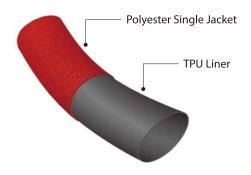
# Single Jacket, TPU Liner



- 100% filament polyester as both warp and weft/filler
- Compact and Light weight
- Easy to deploy
- Pin folded for ease of installation
- Low friction loss for maximum flow
- Additional coatings available to increase the abrasion resistance
- Temperature range from -58°F to 158°F (-50°C to 70°C)









• FM 2111/2131, UL, ULC219 approved

# Technical Data

ion	Certificatio	Burst Pressure		essure	Test Pr	Pressure	Working Pressure		Nominal Size	
OH	Certificatio	bar	psi	bar	psi	bar	psi	mm	inch	
786E	(h)	51	750	34	500	17	250	38	1-1/2"	
>	⟨FM⟩	51	750	34	500	17	250	45	1-3/4"	
	APPROVED	51	750	34	500	17	250	52	2"	
		51	750	34	500	17	250	65	2-1/2"	