



# **Crestar**

**Firefighting Equipment LLC**



**Fourth Edition**

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### Limited Warranty

Crestar Firefighting Equipment, LLC ("Crestar") warrants that its nozzles and related equipment shall be free from defects in material and workmanship for a period of five years from date of purchase. This Limited Warranty does not cover any defect caused by normal wear and tear, improper installation of product, negligent use or storage of the product, a modification of the product after delivery, unauthorized repairs, or failure to follow Crestar's instructions or recommendations.

To qualify for this warranty, the alleged defective item must be returned within 30 days of the claim to Crestar Firefighting Equipment, LLC, 6400 N Honeytown Rd, Smithville, OH 44677. Crestar will, at its election, repair or replace any item with a defect covered by this Limited Warranty. If Crestar is unable to repair or replace the item on commercially practicable terms, Crestar may elect to refund the purchase price of such item. In no event will Crestar be responsible for consequential, incidental or indirect damages (including lost profits).

THIS IS A LIMITED WARRANTY. CRESTAR SPECIFICALLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. No person has authority to change this warranty.

This Limited Warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

# Select Flow Nozzle



## FEATURES

- Selectable gallonage nozzle with multiple flow settings
- Stainless steel spinning teeth
- Stainless steel ball enables ball shut off handle to work smoothly at extreme ranges
- Straight stream to wide fog and flush without shutting down
- Permanent anodized indicator bands
- Metal Horseshoe handle
- Multiple pattern detents for positive positioning
- Female inlet swivel with strainer
- Wide fog for maximum operator protection
- 100 PSI (7.0 BAR) standard, optional 75 PSI (5 BAR) see page 5
- NFPA 1964 compliant
- All nozzles include pistol grip
- NH or NPSH threads

Item	Inlet	Length	Weight (lbs)	Flow Setting	
				GPM	LPM
SF 30	1"	7"	3.80	12-23-30	50-90-115
SF 40	1"	7"	3.80	5-10-24-40	19-37-90-150
SF 125	1-1/2"	8.5"	3.80	30-60-95-125	115-230-360-475
SF 125 Tip Only	1-1/2"	6.4"	2.00	30-60-95-125	115-230-360-475
SF 200	1-1/2" & 2-1/2"	9.8"	5.50	95-125-150-200	360-475-550-750
SF 200 Tip only	1-1/2"	7"	3.20	95-125-150-200	360-475-550-750
SF 200X	1-1/2" & 2-1/2"	9.8"	5.50	30-60-95-125-150-200	115-230-360-475-550-750
SF 250	2-1/2"	9.8"	6.30	95-125-150-200-250	360-475-550-750-950
SF 250 Tip Only	1-1/2"	7"	3.20	95-125-150-200-250	360-475-550-750-950

# Constant Flow Nozzle

## FEATURES

- Constant gallonage nozzle with multiple flow settings available
- Durable lightweight alloy design
- Stainless steel spinning teeth
- Stainless steel ball enables ball shut off handle to work smoothly at extreme ranges
- Straight stream to wide fog and flush without shutting down
- Permanent anodized metal indicator bands
- Metal horseshoe handle
- Female inlet swivel with strainer
- Wide fog for maximum operator protection
- 100 PSI (7.0 BAR) standard, optional 50 PSI (3-1/2 BAR) & 75 PSI (5 BAR) see page 5
- NFPA 1964 compliant
- All nozzles include pistol grip
- NH or NPSH threads

Item	Inlet	Length	Weight (lbs)	Flow Setting	
				GPM	LPM
CF 23	1"	7"	3.80	13,25,40 or 60	50, 100, 150, or 230
CF 95	1-1/2"	8.1"	3.80	60,95, or 125	230,360, or 475
CF 200	1-1/2" & 2-1/2"	10"	5.80	150,200, or 250	550,750, or 950
CF 200 Tip only	1-1/2"	7"	3.20	150,200, or 250	550,750, or 950
CF 250	2-1/2"	11"	6.40	200,250, or 300	750, 950, or 1140



# Automatic Flow Nozzle

## FEATURES

- Durable lightweight alloy design
- Slide valve control
- Straight stream to wide fog and flush without shutting down
- Female inlet swivel with strainer
- Wide fog for maximum operator protection
- Permanent anodized metal indicator bands
- Metal horseshoe handle
- Molded fixed teeth for fog
- NFPA 1964 compliant
- All nozzles include pistol grip
- NH or NPSH threads

Item	Inlet	Length	Weight (lbs)	Flow Setting	
				GPM	LPM
AF 125	1" & 1-1/2"	9.2"	3.40	10-125	40-475
AF 200	1-1/2"	10.8"	5.20	70-200	265-750
AF 350	2-1/2"	11.6"	7.60	50-350	190-1325



# High & Low Pressure Nozzles

- Crestar is offering a 1" select flow nozzle with pressure rating of 580 PSI (40 BAR)
- Crestar low pressure nozzles are designed to deliver flows at lower pressure giving the operator improved control, comfort and maneuverability.
- See pages 1-3 for further information on select flow, constant flow and automatic nozzles.
- It is not recommended to operate any combination straight stream/fog nozzle below 50 PSI
- All 1.5" and 2.5" can be set for low pressure applications

## SELECT FLOW HIGH PRESSURE

Item	Inlet	PSI/BAR	Flow Setting	
			GPM	LPM
SF 40-HP	1"	580/40	5-10-24-40	19-37-90-150

## SELECT FLOW LOW PRESSURE

Item	Inlet	PSI/BAR	Flow Setting	
			GPM	LPM
SF 125-LP75	1.5"	75/5	30-60-95-125	50-90-115
SF 125LP-75 Tip only	1.5"	75/5	30-60-95-125	50-90-115
SF 200LP-75	1.5" & 2.5"	75/5	95-125-150-200	360-475-550-750
SF 200LP-75 Tip only	1.5"	75/5	95-125-150-200	360-475-550-750
SF 200XLP-75	1.5" & 2.5"	75/5	30-60-95-125-150-200	115-230-360-475-550-750
SF 250LP-75	2.5"	75/5	95-125-150-200-250	360-475-550-750-950
SF 250LP-75 Tip only	1.5"	75/5	95-125-150-200-250	360-475-550-750-950

## CONSTANT FLOW LOW PRESSURE

Item	Inlet	PSI/BAR	Flow Setting	
			GPM	LPM
CF 95LP-50	1.5"	50/3.5	60,95, or 125	230,360, or 475
CF 95LP-75	1.5"	75/5	60,95, or 125	230,360, or 475
CF 200LP-50	1.5" & 2.5"	50/3.5	150,200, or 250	550,750, or 950
CF 200LP-75	1.5" & 2.5"	75/5	150,200, or 250	550,750, or 950
CF 200LP-50 Tip only	1.5"	50/3.5	150,200, or 250	550,750, or 950
CF 200LP-75 Tip only	1.5"	75/5	150,200, or 250	550,750, or 950
CF 250LP-50	2.5"	50/3.5	200,250, or 300	750, 950, or 1140
CF 250LP-75	2.5"	75/5	200,250, or 300	750, 950, or 1140

## AUTOMATIC FLOW LOW PRESSURE

Item	Inlet	PSI/BAR	Flow Setting	
			GPM	LPM
AF 125LP-75	1" & 1.5"	75/5	10-125	40-475
AF200LP-75	1.5"	75/5	70-200	265-750
AF 350LP-75	2.5"	75/5	50-350	190-1325

# Foam Equipment

## FOAM TUBES

- Designed to quickly attach to pattern bumper of Crestar nozzles
- Ideal for use with all types of foam
- Enhances the expansion of foam solution and delivers longer reach and heavier foam blanket
- Foam ratio up to 14:1

Item	Length	Weight (lbs)	Fits Nozzles
FT309	15.5"	2.34	CF23, SF30 & SF40
FT337	16"	2.78	CF95 & SF125
FT419	16"	2.71	CF200, CF250, SF200, SF200X & SF250
FTA12	16.5"	2.5	AF125
FTA20	17"	2.5	AF200
FTA35	15"	3	AF350



## MEDIUM EXPANSION FOAM TUBES

- Designed to quickly attach to pattern bumper of Crestar nozzles
- Ideal for use with all types of foam
- Constructed of stainless steel for extended life
- Foam ratio up to 50:1

Item	Length	Weight (lbs)	Fits Nozzles
MEFT309	11"	3	CF23, SF30 & SF40
MEFT337	11"	3	CF95 & SF125
MEFT419	11"	3	CF200, CF250, SF200, SF200X & SF250



# In Line Eductors & Piercing Nozzle

## IN LINE EDUCTOR

- Lightweight alloy construction
- Check ball to prevent backflow
- Large easy to read metering device
- Metering valve with 6 settings: 0 (shutoff), 1/4, 1/2, 1, 3, & 6%
- Detachable metering device for quick and easy cleaning
- Rated to flow at 200 PSI



Item	Length	Weight (lbs)	Thread Size		Flow Settings	
			Inlet	Outlet	GPM	LPM
ILE095	8'	4	1-1/2"	1-1/2"	95	360
ILE125	8"	6	1-1/2"	1-1/2"	125	475
ILE250	12"	6	2-1/2"	2-1/2"	250	950

## PIERCING NOZZLE

- Steel Point
- Dense Fog Pattern
- 3' length
- 1-1/2" continuous swivel inlet



Item	Description	Inlet	Length	Weight (lbs)
PCN125	Piercing Nozzle 125 GPM	1-1/2"	3'	12

# Playpipes & Shutoffs

## PLAYPIPE

- Lightweight aluminum body
- Hardcoat anodized
- 2-1/2" inlet X 1-1/2" outlet
- AVAILABLE WITH:
  - Stacked Tips
  - Break-apart tips



BSPP shown with SF250T



BSPP



BSPP shown with ST312 tip

Item	Length	Weight (lbs)	Thread Size		Waterway
			Inlet	Outlet	
BSPP	10.25"	6.14	2-1/2"	1-1/2"	1-3/8"

## BALL SHUTOFFS

- Lightweight aluminum body
- Stainless steel ball allows smoother operation at extreme ranges
- For CAFS or high rise operation we recommend removing strainer
- 3/4", 1" & 1-3/8" waterway
- NH or NPSH threads
- AVAILABLE WITH:
  - Pistol grip
  - Smooth bore tips
  - Break apart nozzle tips
  - 2-1/2" inlet
  - 1-1/2" inlet
  - 1" inlet



BS10



BS15



BS2515



BS2525

Item	Length	Weight (lbs)	Thread Size		Waterway
			Inlet	Outlet	
BS10	4.75"	1.5	1"	1"	3/4"
BS15	5"	2.68	1-1/2"	1-1/2"	1"
BS2515	5.5"	3.44	1-1/2"	1-1/2"	1-3/8"
BS2525	5.5"	3.44	2-1/2"	1-1/2"	1-3/8"

# Smooth Bore Tips & Repair Kits



## SMOOTH BORE TIPS

- Extruded aluminum body
- Hardcoat anodized
- Multiple styles and orifices available

Item	Description	Length	Thread Size			Discharge
			Inlet	Middle	Tip	
SBT3	Smooth Bore Tip	3"	1-1/2"			7/8"
SBT45	Smooth Bore Tip	4.5"	1"			3/8"
SBT60875	Smooth Bore Tip	6"	1-1/2"			7/8"
SBT6100	Smooth Bore Tip	6"	1-1/2"			1"
SBT61125	Smooth Bore Tip	6"	1-1/2"			1-1/8"
SBT61250	Smooth Bore Tip	6"	1-1/2"			1-1/4"
ST2675	Stacked Tip-Double	6.75"	1-1/2"	15/16"		1/2"
ST312	Stacked Tip-Triple	12"	1-1/2"	1-1/4"	1-1/8"	1"
SS175	Stream Straightner	2"	1-1/2"		1-1/2"	

## REPAIR KITS

- When ordering please specify product or waterway size to assure proper kit and parts guide are sent. Crestar does offer full service repair on all products we sell.

Nozzle	Repair Kit	Nozzle	Repair Kit
SF30	RK15	CF200	RK25
SF40	RK15	CF250	RK25
SF125	RK15	AF125	RK65
SF200	RK25	AF200	RK75
SF200X	RK25	AF350	RK85
SF250	RK25	Non Locking Wye	RK35
CF23	RK15	Self Locking Wye	RK45
CF95	RK15	Hydrant Wye	RK55

# Forestry Products

## FN1030

- Rugged construction
- Twist "OFF", settings for low flow/straight stream, low flow/narrow fog, high flow/straight stream, high flow/narrow fog
- 10-30 GPM flow



FN1030



FN3000

## FN3000

- Selectable gallonage 8-15-30 GPM
- Twist "OFF"
- Straight stream to wide fog and flush without shutting down
- Stainless steel spinning teeth

Item	Description	Inlet	Weight (lbs)	Flow Setting	
				GPM	LPM
FN1030	Forestry Nozzle	1"	4"	10-30	37-115
FN3000	Forestry Nozzle	1"	5"	8-15-30	30-60-115

## FWNL1500

- Made of lightweight alloys
- Stainless steel ball shut-off
- Available in NH or NPSH
- 1-1/2" (F) inlet x (2) 1-1/2" (M) outlets



FWNL1500

## FWNL1510

- Made of lightweight alloys
- Stainless steel ball shut-off
- Available in NH or NPSH
- 1-1/2" (F) inlet x (2) 1" (M) outlets



FWNL1510

## FWNL1000

- Made of lightweight alloys
- Stainless steel ball shut-off
- Available in NH or NPSH
- 1" (F) inlet x (2) 1" (M) outlets



FWNL1000

Item	Weight (lbs)	Inlet	Outlet	Waterway
FWNL1500	2.25	1-1/2"	(2) x 1-1/2"	3/4"
FWNL1510	2.25	1-1/2"	(2) x 1"	3/4"
FWNL1000	2.125	1"	(2) x 1"	3/4"

# Monitors

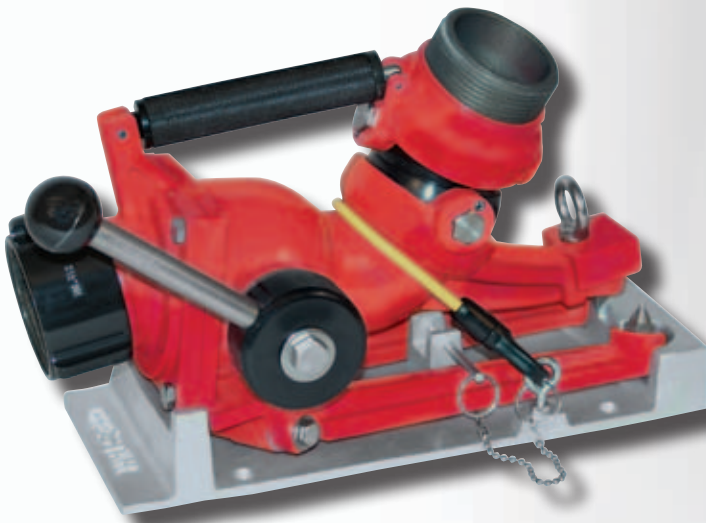
*Individual Portable Monitor with MS500*

## INDIVIDUAL PORTABLE MONITOR

- Use for quick attack operation with a flow range up to 500 GPM
- Unmanned operation frees up manpower at fire scene
- Compact and lightweight (only 14 lbs without nozzle)
- Horizontal rotation is  $\pm 20^\circ$  of center
- Elevation adjustable between  $30^\circ$  to  $60^\circ$  unmanned and down to  $20^\circ$  when manned



Item	Description	Length	Weight (lbs)
PM500	Portable Monitor	15"	14
Optional Items			
MS500	Master Stream Nozzle	6.75"	4
DT9	Deluge Tip 1-1/2" tip	9"	2
DT9L	Deluge Tip 1-1/2" (threaded)	8"	2
SS3	Stream Straightner	3"	2
MP100	Mounting Plate	15"	4



*Individual Portable Monitor mounted on the MP100*



DT9L



DT9



MS500

# Monitors



*Remote Control Monitor*

## REMOTE CONTROLLED MONITOR

- Lightweight alloy construction
- Joy stick control
  - Water on/off,
  - Nozzle straight/fog
  - Left/right
  - Up/down
  - Auto oscillating
  - Park
- 2" waterway
- Flows up to 500 GPM
- Gear motor is totally enclosed and sealed
- Vertical travel 135°, Horizontal travel 320°
- Manual override
- Adjustable gallonage nozzle with stainless steel spinning teeth
- Available in 12 or 24 volt
- 2" NPT inlet, 1.5" NH outlet
- Weight 15 lbs.
- 2" NPT quick connect



*Joystick Control for Monitor*



*Quick Connect*

Item	Description	Weight (lbs)
RCMJ500	Remote Control Monitor with joystick control for tips	15
ESF45	Electronic controlled nozzle 15-30-45 GPM	4
ESF125	Electronic controlled nozzle 60-95-125 GPM	4
ESF350	Electronic controlled nozzle 200-250-350 GPM	4
CEW20	2" Electronic Controlled, Stainless Steel, Water Inlet Valve	18
QC100	2" NPT Quick Connect for RCM500	3

# Monitors

## PORTABLE DECK MONITOR

- Durable, lightweight aluminum construction (32 lbs.)
- Dual application for use as a portable monitor or add top flange for deck mount use
- Compact folding base
- Spring loaded locking system for positive locking
- Safety stop at 30° above horizontal
- Full, unobstructed 3" waterway for low friction loss
- Pressure gauge
- Dual clappered 2-1/2" continuous swivel inlets
- LDH single inlet 4" NH, 4" Storz or 5" Storz
- ADDITIONAL OPTIONS:
  - Master Stream nozzle
  - Stream straightner
  - Discharge pipe
  - Stacked tips
  - Top mount flange (bolt or threaded)
  - 18" Extension pipe (rated at 200 PSI)



*Dual Inlet Deck Monitor (DM 1250) with Master Stream Nozzle*



*TMT 190*



*TMF 190*



*Ext Pipe*

Item	Description	Inlet	Weight (lbs)	Outlet	Width	Depth	Height
DM 1250	Portable Deck Monitor	(2) 2-1/2"	32	2-1/2"	25"	26"	16"
DM 1250S	Portable Deck Monitor Single Inlet	4" NH, 4 & 5" Storz	32	2-1/2"	25"	26"	16"
DM 1250M	Portable Deck Monitor Mount Only	3"	20	2-1/2"	14"	14"	11"
TMF 190	Top Mount Flange four bolt	3"	5				7-1/4"
TMT 190	Top Mount Flange threaded	3" NPT	3				6"
Ext Pipe	Extension pipe for DM1250		10				18"

# Deluge Tips

## DELUGE TIPS

- Extruded aluminum body
- Hardcoat anodized
- Multiple styles and orifices available
- 2-1/2" inlet base



DTT12



DT9



DTQ17



DT9L



DP11



SS3

Item	Description	Length	Thread Size			Discharge
			Inlet	Middle	Tip	
DT9	Deluge Tip	9"	2-1/2"		1-1/2"	1-1/2"
DTP-TL	Deluge Tip (threaded)	9"	2-1/2"		1-1/2"	1-1/2"
DTQ17	Deluge Tip-Quad	17"	2-1/2"	2"	1-1/2"	1-3/8"
DTT12	Deluge Tip-Triple	12"	2-1/2"	1-3/4"	1-1/2"	1-3/8"
DP11	Discharge Pipe	11"	2-1/2"			2-1/2"
SS3	Stream Straightner	3"	2-1/2"			2-1/2"

# Master Stream

## MASTER STREAM NOZZLES

- Made of durable lightweight alloy
- Adjustable flow settings
- Combination fog and straight stream
- 2-1/2" inlet



MS750



MS1250



MS500

Item	Description	Teeth	Inlet	Weight (lbs)
MS500	Master Stream 250-375-500 GPM	Fixed	2-1/2" (F)	4
MS750	Master Stream 250-400-550-750 GPM	Spinning	2-1/2" (F)	8.3
MS1250	Master Stream 500-750-1000-1250 GPM	Spinning	2-1/2" (F)	8.5

# Wyes, Valves & Siamese

## LEADER LINE WYE

- Made of lightweight alloys
- Non-locking
- 2-1/2" (F) inlet X two 1-1/2" (M) outlets

## LEADER LINE WYE

- Made of lightweight alloy
- Self-locking handle
- 2-1/2" (F) inlet X two 1-1/2" (M) outlets

## FORESTRY WYE

- Made of lightweight alloys
- Non-locking handles
- Stainless steel ball shut-off
- Available in NH or NPSH



LWSL



LWNL



FWNL1500



FWNL1510



FWNL1000

Model	Description	Handle	Weight (lbs)	Inlet	Outlet
LWNL	Leader Line Wye	Non-Locking	4.02	2-1/2" (F)	(2) 1-1/2" (M)
LWSL	Leader Line Wye	Self-Locking	6.41	2-1/2" (F)	(2) 1-1/2" (M)
FWNL1500	Forestry Wye	Non-Locking	2.25	1-1/2" (F)	(2) 1-1/2" (M)
FWNL1510	Forestry Wye	Non-Locking	2.25	1-1/2" (F)	(2) 1" (M)
FWNL1000	Forestry Wye	Non-Locking	2.125	1" (F)	(2) 1" (M)

# Wyes, Valves & Siamese

## HYDRANT WYE

- Self-locking handle
- Durable construction
- 2-1/2" - 6" (F) inlet X two 2-1/2" (M) outlets

## HYDRANT GATE VALVE

- Made of lightweight alloy
- Non-rising stem
- 2-1/2" (F) inlet X 2-1/2" (M) outlet

## HYDRANT BALL VALVE

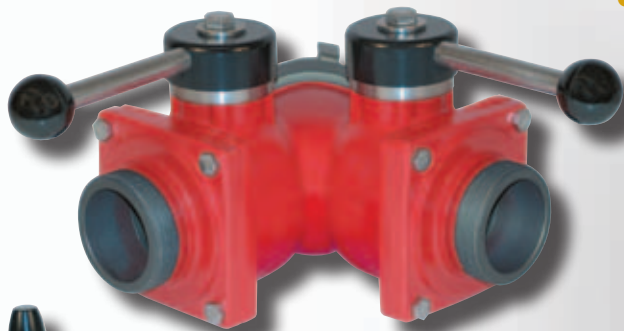
- Made of lightweight alloys
- Self-locking handle
- 2-1/2" (F) inlet X 2-1/2" (M) outlet

## SUCTION SIAMESE

- Use as suction inlet for pumps
- Self-locking handle
- 2-1/2" - 6" (F) outlet X two 2-1/2" (F) inlets

## CLAPPERED SIAMESE

- Lightweight alloy
- 2 1/2" (M) outlet X two 2 1/2" (F) inlets
- Drain valve



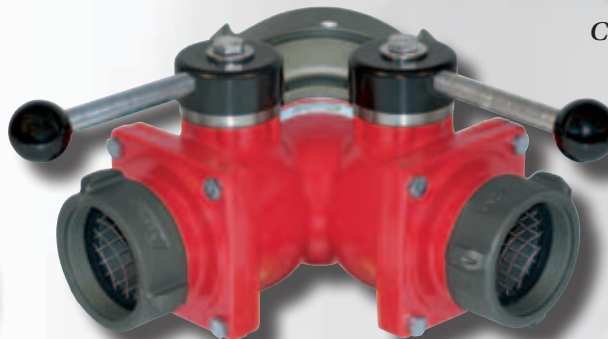
HWSL



CHYV



CHGV



CSS



CLS

Model	Description	Handle	Weight (lbs)	Inlet	Outlet
HWSL	Hydrant Wye	Self-Locking	14.35	2-1/2" - 6" (F)	(2) 2-1/2" (M)
CHYV	Ball Hydrant Valve	Self-Locking	7	2-1/2" (F)	2-1/2" (M)
CHGV	Gate Hydrant Valve	Non-Rising Stem	4.5	2-1/2" (F)	2-1/2" (M)
CLS	Clappered Siamese		6.4	(2) 2-1/2" (F)	2-1/2" (M)
CSS	Suction Siamese	Self-Locking	7	(2) 2-1/2" (F)	2-1/2" - 6" (F)

# Wyes, Valves & Siamese

## HYDRANT WYE

- Non-locking handle
- 2-1/2" (F) inlet X two 2-1/2" NH (M) outlets

## 3 WAY HYDRANT WYE

- Self-locking handle
- 2-1/2" - 6" (F) inlet X three 2-1/2" (M) outlets

## 3 WAY SUCTION SIAMESE

- Self-locking handle
- Durable construction
- 2-1/2" - 6" (F) outlet X three 2-1/2" (F) inlets

## WATER THIEF

- Made of lightweight alloys
- Self-locking handle
- 2-1/2" (F) inlet X one 2-1/2" (M) outlet X two 1-1/2" (M) outlets



HWNL



CR3W



CR3S



CWTH

Model	Description	Handle	Weight (lbs)	Inlet	Outlet
HWNL	Hydrant Wye	Non-locking	8	2 1/2" (F)	(2) 2 1/2" (M)
CWTH	Water thief	Self-Locking	14	2 1/2" (F)	(1) 2 1/2" (M) x (2) 1 1/2" (M)
CR3W	3 Way hydrant wye	Self-Locking	22	2 1/2" - 6" (F)	(3) 2 1/2" (M)
CR3S	3 Way Suction Siamese	Self-Locking	22	(3) 2 1/2" (F)	2 1/2" - 6" (F)

# Firefighting Foam



## CLASS A

- Use for Class A fires
- Concentrated .1%-1% AFFF
- Meets NFPA 1150-99
- Environmentally friendly

Model	Description	Size
CREFOAMA 005	Class A Foam	5 Gal
CREFOAMA 006	Class A Foam	6 Gal
CREFOAMA 030	Class A Foam	30 Gal
CREFOAMA 055	Class A Foam	55 Gal

## CLASS B

- Use for Class B fires
- Concentrated 3-6% AR-AFFF
- Meets NFPA 1150-99
- Environmentally friendly

Model	Description	Size
CREFOAMAB 005	Class A/B Foam	5 Gal
CREFOAMAB 006	Class A/B Foam	6 Gal
CREFOAMAB 030	Class A/B Foam	30 Gal
CREFOAMAB 055	Class A/B Foam	55 Gal

## CLASS A/B

- Use for Class A & B fires
- Concentrated .1%-1% Class A  
3-6% Class B
- Meets NFPA 1150-99
- Environmentally friendly

Model	Description	Size
CREFOAMB 005	Class B Foam	5 Gal
CREFOAMB 006	Class B Foam	6 Gal
CREFOAMB 030	Class B Foam	30 Gal
CREFOAMB 055	Class B Foam	55 Gal

## TRAINING

- For training only
- Concentrated 1-6% AFFF
- Environmentally friendly

Model	Description	Size
CREFOAMTR 005	Training Foam	5 Gal
CREFOAMTR 006	Training Foam	6 Gal
CREFOAMTR 030	Training Foam	30 Gal
CREFOAMTR 055	Training Foam	55 Gal

# Firehouse Cleaning Products



## TITAN Multi Purpose Cleaner

- Designed for firehouse cleaning tasks
- Use on firehose, turn out gear, ladders, vehicles, oil leaks, hydraulic spills
- Environmentally friendly

Model	Description	Size
CRETITAN0004	Multi Purpose Cleaner	(4) 1 Gal
CRETITAN0005	Multi Purpose Cleaner	5 Gal
CRETITAN0030	Multi Purpose Cleaner	30 Gal
CRETITAN0055	Multi Purpose Cleaner	55 Gal

## EASY STEP Wash & Wax

- Leaves a great shine and a clean dry surface
- Leaves no residue behind when towel dried
- Contains no acid

Model	Description	Size
CREWSWX0004	Easy Step Wash & Wax	(4) 1 Gal
CREWSWX0005	Easy Step Wash & Wax	5 Gal
CREWSWX0030	Easy Step Wash & Wax	30 Gal
CREWSWX0055	Easy Step Wash & Wax	55 Gal

## LIQUID ICE BLAST Snow & Ice Melt

- Melting agent used for parking lots, walkways and driveways

Model	Description	Size
CREICEBLST004	Sidewalk Snow Ice Melt	(4) 1 Gal
CREICEBLST005	Sidewalk Snow Ice Melt	5 Gal
CREICEBLST030	Sidewalk Snow Ice Melt	30 Gal

## LUSTRE MAX Tire & Interior Dressing

- Renews dull gray appearance
- Ready to use formula

Model	Description	Size
CRELUSMX0004	Tire & Interior Dressing	(4) 1 Gal
CRELUSMX0005	Tire & Interior Dressing	5 Gal
CRELUSMX0030	Tire & Interior Dressing	30Gal
CRELUSMX0055	Tire & Interior Dressing	55 Gal

## RED HOT Tire & Engine Cleaner

- Cleans dirty tires & removes brake dust on wheels without damage
- Excellent cleaner on diamond plate & ladders

Model	Description	Size
CREREDHOT004	Premium Tire & Engine Cleaner	(4) 1 Gal
CREREDHOT005	Premium Tire & Engine Cleaner	5 Gal
CREREDHOT030	Premium Tire & Engine Cleaner	30 Gal
CREREDHOT055	Premium Tire & Engine Cleaner	55 Gal

## LAUNDRY CLEANER Heavy Duty

- Economical liquid detergent
- Specifically designed for turn out gear
- Non-allergenic

Model	Description	Size
CRELAUNDRY05	Heavy Duty Laundry Det	5 Gal
CRELAUNDRY30	Heavy Duty Laundry Det	30 Gal
CRELAUNDRY55	Heavy Duty Laundry Det	55 Gal

# Nozzle Flow Data

MODEL	NOZZLE PRESSURE		FLOW SETTINGS		ACTUAL FLOW		STRAIGHT STREAM REACH			
	PSI	BAR	GPM	LPM	GPM	LPM	EFFECTIVE		OVERALL	
							FEET	METERS	FEET	METERS
SF-30	75	5	12	50	10	36	50	15	56	17
			23	90	20	78	64	19	72	22
			30	115	26	98	69	21	80	24
	100	6.89	12	50	12	50	53	16	58	18
			23	90	23	90	70	21	80	24
			30	115	30	115	80	24	90	27
	125	8.62	12	50	14	53	57	19	67	20
			23	90	25	95	70	21	81	24
			30	115	34	128	80	24	92	28

MODEL	NOZZLE PRESSURE		FLOW SETTINGS		ACTUAL FLOW		STRAIGHT STREAM REACH			
	PSI	BAR	GPM	LPM	GPM	LPM	EFFECTIVE		OVERALL	
							FEET	METERS	FEET	METERS
SF-40	75	5	10	37	9	34	54	16	70	21
			24	90	22	84	65	20	82	25
			40	150	35	132	75	23	92	28
	100	6.89	5	19	5	19	50	15	66	20
			10	37	10	37	57	17	74	22
			24	90	24	90	67	20	85	26
	125	8.62	40	150	40	150	88	27	99	30
			5	19	7	26	51	16	67	20
			10	37	13	49	60	18	75	23
			24	90	27	102	70	21	86	26
			40	150	45	170	93	28	107	32

MODEL	NOZZLE PRESSURE		FLOW SETTINGS		ACTUAL FLOW		STRAIGHT STREAM REACH			
	PSI	BAR	GPM	LPM	GPM	LPM	EFFECTIVE		OVERALL	
							FEET	METERS	FEET	METERS
SF-125	75	5	30	115	26	98	70	21	90	27
			60	230	50	190	105	32	120	36
			95	360	80	300	120	37	135	41
			125	475	110	416	130	40	145	44
	100	6.89	30	115	30	115	80	24	95	28
			60	230	60	230	110	33	125	38
			95	360	95	360	130	39	145	44
			125	475	125	475	140	42	155	47
	125	8.62	30	115	33	125	85	25	100	30
			60	230	69	260	120	36	135	40
			95	360	110	416	140	42	160	48
			125	475	150	567	150	45	170	51

MODEL	NOZZLE PRESSURE		FLOW SETTINGS		ACTUAL FLOW		STRAIGHT STREAM REACH			
	PSI	BAR	GPM	LPM	GPM	LPM	EFFECTIVE		OVERALL	
							FEET	METERS	FEET	METERS
SF-200 & SF-250	75	5	95	360	85	320	100	30	120	36
			125	475	110	416	120	36	140	42
			150	550	130	492	130	39	150	45
			200	750	170	643	140	42	160	48
	100	6.89	250	950	210	795	145	44	170	51
			95	360	95	360	105	32	130	39
			125	475	125	475	125	38	145	44
			150	550	150	550	140	42	165	50
	125	8.62	200	750	200	750	152	46	180	54
			250	950	250	950	160	48	190	57
			95	360	110	416	125	38	135	41
			125	475	145	548	135	41	160	48
	125	8.62	150	550	170	643	140	42	170	51
			200	750	220	832	155	47	185	56
			250	950	275	1040	165	50	195	59

# Nozzle Flow Data

MODEL	NOZZLE PRESSURE		FLOW SETTINGS		ACTUAL FLOW		STRAIGHT STREAM REACH			
	PSI	BAR	GPM	LPM	GPM	LPM	EFFECTIVE		OVERALL	
							FEET	METERS	FEET	METERS
SF-200X	75	5	30	115	26	98	70	21	80	24
			60	230	50	190	105	28	115	35
			95	360	85	320	100	30	120	36
			125	475	110	416	120	36	140	42
			150	550	130	492	130	39	150	45
			200	750	170	643	140	42	160	48
	100	6.89	30	115	30	115	80	24	90	27
			60	230	60	230	90	34	120	37
			95	360	95	360	105	32	130	39
			125	475	125	475	125	38	145	44
			150	550	150	550	140	42	165	50
			200	750	200	750	152	46	180	54
	125	8.62	30	115	33	125	95	29	105	32
			60	230	69	260	120	36	130	39
			95	360	110	416	140	42	150	46
			125	475	145	548	150	49	160	52
			150	550	170	643	160	52	170	55
			200	750	220	832	170	55	180	58

MODEL	NOZZLE PRESSURE		FLOW SETTINGS		ACTUAL FLOW		STRAIGHT STREAM REACH			
	PSI	BAR	GPM	LPM	GPM	LPM	EFFECTIVE		OVERALL	
							FEET	METERS	FEET	METERS
CF-95	75	5	60	230	50	190	105	32	120	36
			95	360	80	300	120	37	135	41
			125	475	110	416	130	40	145	44
	100	6.89	60	230	60	230	110	33	125	38
			95	360	95	360	130	39	145	44
			125	475	125	475	140	42	155	47
	125	8.62	60	230	69	260	120	36	135	40
			95	360	110	416	140	42	160	48
			125	475	150	567	150	45	170	51

MODEL	NOZZLE PRESSURE		FLOW SETTINGS		ACTUAL FLOW		STRAIGHT STREAM REACH			
	PSI	BAR	GPM	LPM	GPM	LPM	EFFECTIVE		OVERALL	
							FEET	METERS	FEET	METERS
CF-23	75	5	12	50	10	36	50	15	56	17
			23	90	20	78	64	19	72	22
			30	115	26	98	69	21	80	24
	100	6.89	12	50	12	50	53	16	58	18
			23	90	23	90	70	21	80	24
			30	115	30	115	80	24	90	27
	125	8.62	12	50	14	53	57	19	67	20
			23	90	25	95	70	21	81	24
			30	115	34	128	80	24	92	28

MODEL	NOZZLE PRESSURE		FLOW SETTINGS		ACTUAL FLOW		STRAIGHT STREAM REACH			
	PSI	BAR	GPM	LPM	GPM	LPM	EFFECTIVE		OVERALL	
							FEET	METERS	FEET	METERS
CF-200	75	5	95	360	85	320	100	30	120	36
			125	475	110	416	120	36	140	42
			150	550	130	492	130	39	150	45
			200	750	170	643	140	42	160	48
	100	6.89	95	360	95	360	105	32	130	39
			125	475	125	475	125	38	145	44
			150	550	150	550	140	42	165	50
			200	750	200	750	152	46	180	54
	125	8.62	95	360	110	416	125	38	135	41
			125	475	145	548	135	41	160	48
			150	550	170	643	140	42	170	51
			200	750	220	832	155	47	185	56

MODEL	NOZZLE PRESSURE		FLOW SETTINGS		ACTUAL FLOW		STRAIGHT STREAM REACH			
	PSI	BAR	GPM	LPM	GPM	LPM	EFFECTIVE		OVERALL	
							FEET	METERS	FEET	METERS
CF-250	75	5	159	550	130	492	130	39	150	45
			200	750	170	643	140	42	160	48
			250	950	210	795	145	44	170	51
	100	6.89	159	550	150	550	140	42	165	50
			200	750	200	750	152	46	180	54
			250	950	250	950	160	48	190	57
	125	8.62	159	550	170	643	140	42	170	51
			200	750	220	832	155	47	185	56
			250	950	275	1040	165	50	195	59



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