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# FC-R-2017-28

## CUMBERLAND FIRE DISTRICT

### Resolution

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**RESOLUTION:** Authorizing Chief Finlay to manage and expend funds as noted in the Burner Fire Control Inc. proposal in an amount not to exceed \$8,878.00.

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**WHEREAS:** Burner Fire Control Inc. has submitted the lowest proposal for the installation of a 60-gallon CAFS unit (compressed air foam system) on Ladder 1

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**WHEREAS:** The Fire Chief has recommended Burner Fire Control Inc. as the best option for the needs of the department

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**NOW, THEREFORE, BE IT RESOLVED BY THE CUMBERLAND FIRE DISTRICT AS FOLLOWS:**

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**Section 1:** Chief Kenneth Finlay is authorized to manage and expend funds as noted in the Burner Fire Control Inc. proposal in an amount not to exceed \$8,878.00

Voted on this 28th day of September, 2017

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Cynthia Ouellette, Chairperson

PASSED:

YAY: 5 NAY: 1



CUMBERLAND FIRE DEPARTMENT  
3502 MENDON ROAD  
CUMBERLAND, RI 02864

Kenneth A. Finlay  
Chief of Department

Phone:(401) 658-0544  
Fax:(401) 658-2198  
Cell:(401) 474-0314  
kfinlay@CumberlandFire.org

Board of Fire Commissioners  
3502 Mendon Road  
Cumberland, RI

September 21, 2017

Dear Board:

Attached, please find the five proposals solicited by myself, after the original presenter came in way over his projected pricing. The bids are arranged highest to lowest, and reflect just water and CAFS (compressed air foam system) which amplifies the effectiveness of the delivered product. Although, the systems are different, I am recommending the Burner Fire Control system, a 60 gallon CAFS unit, delivered at \$8,878.00 as the best option for the needs of our department.

Thank you for your attention to this request. If I can be of any further assistance please contact me.

*Kenneth A Finlay*  
Kenneth A Finlay  
Chief of Department





ENFORCER 60 COMPRESSED AIR FOAM SYSTEM (CaFS)

The Enforcer 60 is a CAF system that contains 60 gallons of foam solution. The Enforcer 60 CAFS is capable of producing up to 1200 U.S. gallons of finished foam. The Enforcer 60 produces a foam structure which can stick to horizontal and vertical surfaces thus providing a [safer barrier](#) between the fuel and air. The Enforcer 60 CAFS has a discharge distance of up to 95 feet allowing for a safe [distance between](#) the system operator and the fire or hazard.

EnforcerOne has developed a line of products that are easy to use, and which drastically reduce [82%IS](#) where vital components could be broken or tampered with. The Enforcer 60 easily transforms into a stationary system. Enforcer 60 portable CAFS is a versatile firefighting tool with the ability to be adapted to many different risk areas. EnforcerOne is able to manufacture a wide range of configurations and custom designs based on the specific needs of the customer.

Common applications for the Enforcer 60 are:

- Industry
- Fire Departments
- Agriculture
- Business and Home Owners

Performance	
<a href="#">Propellant Capacity</a>	60 U.S Gallons
Finished Foam Capacity	Up to 1200 U.S. Gallons Finished Foam
Throw Distance	Up to 95 Feet
Discharge Duration	Up to 6 Minutes

General Specifications - Standards	
Pressure Vessel Construction	Aluminum SAE J-10
Pressure Vessel Dimensions	20"x48"
Fill Tower	1½"
System Hoses	3000psi/ 4500 psi Hard Rubber Hose
<a href="#">Pressure</a>	All Stainless Steel With Brass Fill Cap
Discharge Hose	50' Lay Flat Hose
Hose Storage	Hose Tray
Propellant Type	Nitrogen or <a href="#">Compressed Air</a>
Propellant Cylinder Capacity	Two 90 Cubic Foot Cylinders
Propellant Cylinder Brackets	Slide Compartments on Skid Frame
Discharge Nozzle	1" Pistol Grip
Discharge Nozzle Tip	Power Tip Technology

Dimensions	
Height	30.5"
Depth	35"
Length	50"
Empty Weight	238 lbs
Loaded Weight	747 lbs

# KINGSWAY INDUSTRIES, INC.

6680 Lockheed Drive, Suite B  
Redding, CA 96002  
(530)722-0272



Fire Prevention/Suppression  
HAZMAT/Decontamination Products

## SALES ESTIMATE

DATE	Valid Thru	ESTIMATE#
9/11/2017	10/11/2017	DGM91117-1

CUSTOMER/COMPANY
Cumberland Fire Department Attn: Fire Chief Kenneth A. Finlay 3502 Mendon Road Cumberland, RI 02864 Telephone (401) 658-0544 Cell: (401) 474-0314 Email: kfinlay@cumberlandfire.org

NOTES/SHIP TO:
Cumberland Fire Department Attn: Fire Chief Kenneth A. Finlay 3502 Mendon Road Cumberland, RI 02864
Standard Deliveries 5-7 Business Days in Continental US.

Job/Project#	Terms	Rep.	Ship Date	Ship Via	Shiooing Account #		FOB
	*See Below		TBD	TBD	TBD		Redding, Ca 96002
ITEM CODE	DESCRIPTION				UNIT PRICE	QTY./HR.	
TM30S	30 Gal. SKID CAFS:Plumbed 30 gal. solution tank, (2) 80 cu ft SCUBA cyl. w/valves, mounts, gauges, adjustable regulator, gauge/regulator panel, 1" pistol grip nozzle, steel SKID frame, funnel/adapter, purge kit				\$8,719.20	1	\$8,719.20
1x50 FLH	1" x 50' Double Jacket Flat Lay Hose				\$218.00	4	\$872.00
101B	FA-SCUBA Air Cylinder Pressure Tester/Filler Adapter- Includes CGA 346 nipple				\$354.90	1	\$354.90
Estimated Assembly Time: 4-6 weeks Upon Receipt of Signature and Deposit							
*TERMS AND CONDITIONS	<div>• Payment Terms 60% at time of order, balance due when ready to ship If you would like to pay 100% at time of placing the order we can offer a 2.5% discount on equipment.</div> <div>• 3% charge for all credit card purchases</div> <div>• Cancellations/Restocking fees: 80% custom orders; 25% for all other orders</div> <div>• Foam is not included with systems</div> <div>• Selected systems may require factory</div> <div>• Shipping terms are x-works, KWI dock</div>				SUBTOTAL		\$9,946.10
						TAX	\$0.00
						SHIPPING	\$652.08
						DUTIES/SURCHARGES	\$0.00
						TOTAL	\$10,598.18

ONCE REVIEWED, PLEASE RETURN TO YOUR DEALER OR FACTORY REP FOR FINAL QUOTE AND PLACEMENT ON PRODUCTION SCHEDULE

X

CUSTOMER SIGNATURE-----

DATE

*"Providing Service & Trustworthy Solutions Since 1957"*



<b>Bill To:</b>
Cumberland Fire Deptalment 3502 Memdon Road Cumberland, RI 02864 Attn: Chief Kenneth Finlay

**August 26, 2017**

Ship To:
Same

**Quote Number: JF-1752**

Shipman's Fire Equipment Company is pleased to submit the following quotation for your consideration.

Sales Rep	FOB	SHIP VIA	Terms
Jack Farr	Waterford, CT	Own Power	Net-30

Qty	Description	Unit Price	Total
	<b>RE: PIERCE AERIAL LADDER - CET SKID / PUMP UNIT</b>		
I	<p><b><u>CET SKID / PUMP UNIT</u></b></p> <ol style="list-style-type: none"> <li>1. Remove electrical outlet from center transverse compartment over frame rail.</li> <li>2. Remove slide-out trays from upper and lower transverse compartments as needed.</li> <li>3. Supply and install one (I) new CET I00 gallon Tank in traverse compartment over frame.</li> <li>4. Supply and install one (1) new CET D1-PFP-HND TW pump assembly with manifold on steel frame in lower compartment.</li> <li>5. Plumb tank to pump unit with 1.5" quick disconnect.</li> <li>6. Test unit.</li> </ol> <p>Quote per DP-3476-0701A - Print, Less foam tanks and Scotty Foam System.</p> <p style="text-align: right;">Tank, Pump Skid-Unit, Palts, Material and Labor:</p>	<p style="text-align: right;">\$9,609.00</p> <p style="text-align: right;"><b>Total:</b></p>	<p style="text-align: right;"><u>\$9,609.00</u></p> <p style="text-align: right;"><b>\$9,609.00</b></p>

**NOTE:**

If any problems are found during installation, the Fire Department will be notified before any further work is performed.

Fire Department to deliver and pick-up apparatus at Shipman's Service Center, Waterford ,CT.

**CT DMV REPAIR LICENSE #U8329**

**TERMS AND CONDITIONS**

**Terms: Net 30 Days.**

**Lead-Time 6-8 Weeks A.R.O.**

**Quotation Valid for 30 days.**

**We reserve the right to correct clerical errors at any time.**

**Pricing includes all shipping to and installation at Shipman's Fire Equipment Co. Inc.**

If you have any questions with regard to any of the above listed items, please feel free to call me at 1-800-775-7332

Jack Farr  
Apparatus Service Specialist  
**Shipman's Fire Equipment**  
Cell: 860-250-4276  
Email: [jfarr@shipmans.com](mailto:jfarr@shipmans.com)



# PFP-9HPHND-EM

## GAS POWERED PUMP

*This light weight Honda powered pump is the most powerful on the market in its category. You get the highest volume in its range. Engine and pump are mounted on a protective frame made of steel with shock absorbers and folding handles.*

*Also available in skid version*



## ENGINE SPECIFICATIONS

- GX270 Honda air cooled engine
- Single cylinder, 4-stroke gasoline engine
- 12V electric start with recoil start as backup
- 1.4 gallon (5.3 l) integrated fuel tank

## PUMP UNIT SPECIFICATIONS

- Direct drive C.E.T. single stage centrifugal pump
- Pump body made from resistant aluminum alloy
- Bronze impeller
- Mechanical shaft seal
- Exhaust priming system, guaranteed up to 20' (6 meter) lift
- One 2 1/2" (65 mm) delivery outlet with 1/4-turn ball valve
- One 2 1/2" (65 mm) suction inlet
- Dimensions: Length: 21 1/2" (545mm); Width: 23 1/4" (590mm); Height: 20" (508mm)
- Weight: 115 lbs (52 kg)

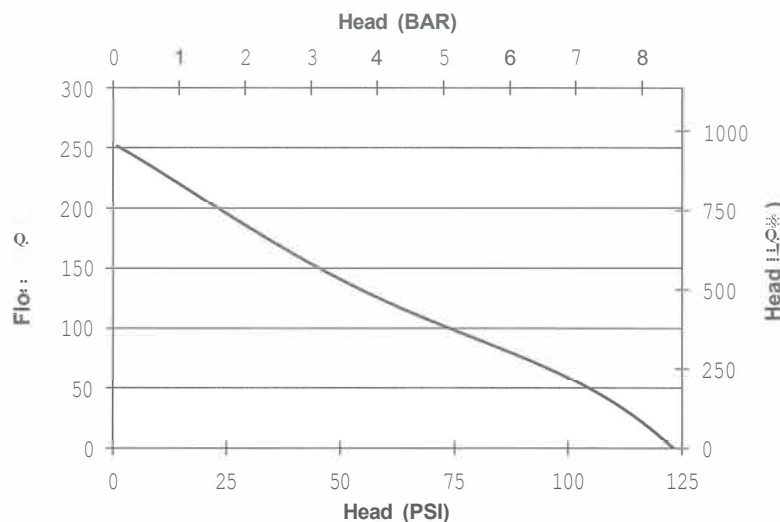
## INCLUDED ACCESSORIES

- Swivel spotlight.
- 36 watts alternator.
- Pressure gauge.
- Low oil alert
- 12-V battery.

## PERFORMANCE

**200 GPM @ 25 PSI**  
**140 GPM @ 50 PSI**

**100 GPM @ 75 PSI**  
**60 GPM @ 100 PSI**



## LIMITED WARRANTY

- 3 YEARS



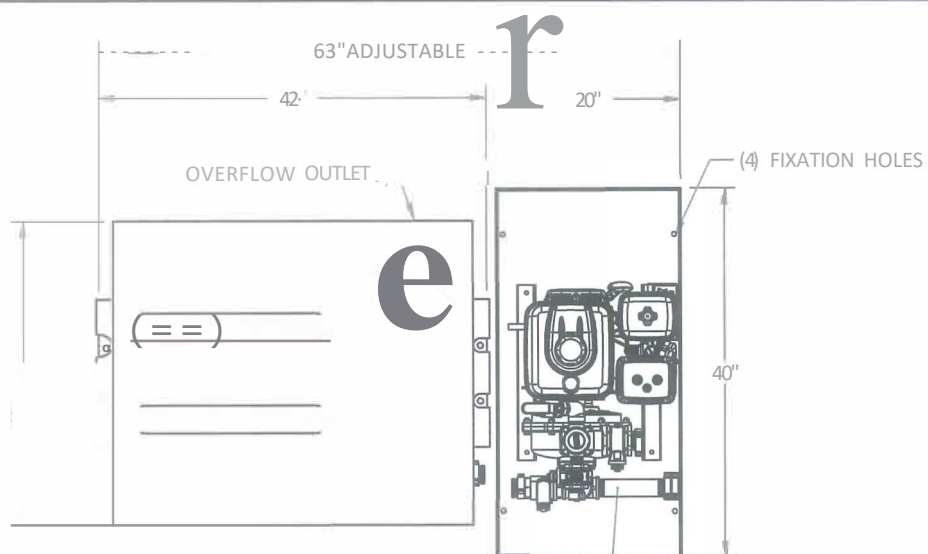
ACCEPT ONLY THE BEST



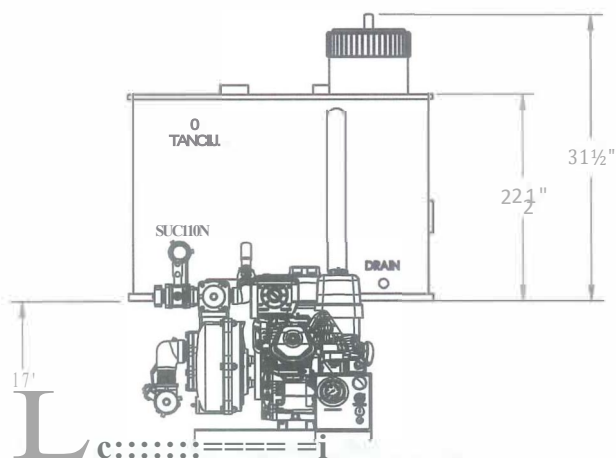
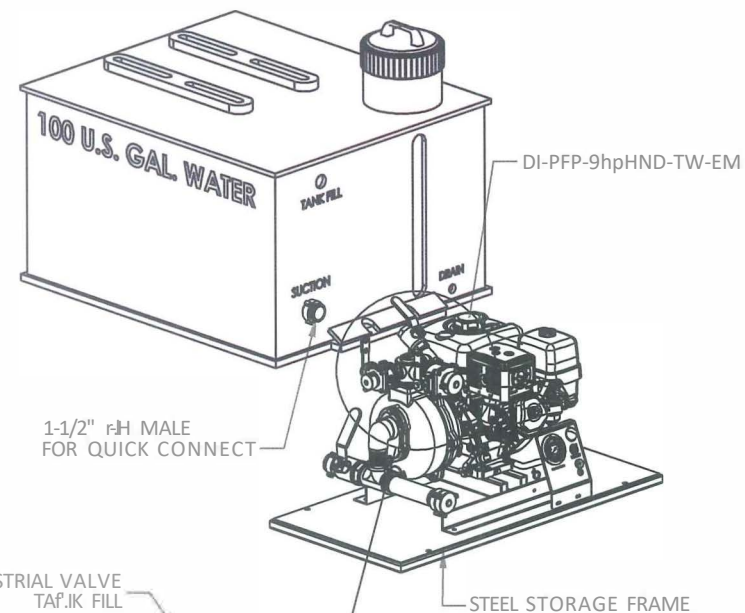
**A CENTURY  
OF ENGINEERING  
FOR THE BRAVEST**

75 Hector St., P.O. Box 90,  
Pierreville (Québec)  
Canada J0G 1J0  
Phone : 1-800-567-2719  
Fax : 1-800-434-2613  
[www.fire-pumps.com](http://www.fire-pumps.com)





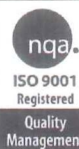
STANDARD SUCTION  
W/ 1-1/2" INDUSTRIAL VALVE  
W/ 11/2" FLEXIBLE HOSE  
W/ (2) 1-1/2" QUIC' CONNECTS  
W/ CAP & CHAIN



1" INDUSTRIAL VALVE  
TAP, IK FILL

1' FIRE GRADE VALVE  
W/ CAP & CHAIN  
SERVICE LINE

11/2" FIRE GRADE VALVE  
W/ CAP & CHAIN  
SERVICE LINE



CREATED  
BY: S.F.S.  
DATE: 31-08-17  
VERIFIED  
BY: A.S.  
DATE: 31-08-17

TITLE : CUMBERLAND PD

100 U.S. GAL. WATER

U.S. GAL. F.C.

No. DP 3476 0701 B

0"0"0"

APPROXIMATE  
NET WEIGHT  
• Lbs

WARNING

THIS DOCUMENT REMAINS THE PROPERTY  
OF C.E.T. FIRE PUMPS MFG.  
ALL REPRODUCTION WITHOUT WRITTEN  
AGREEMENT FROM C.E.T. FIRE PUMPS MFG  
IS TOTALLY PROHIBITED.

APPROVED BY

APPROVED DATE

# ***BURNER FIRE CONTROL, INC.***

OFFSHORE - LAND - SERVICE - SALES - INSTALLATION  
1 800 864 4073

SAFETY  
Vent Systems - Water Curtains  
Dry Chemical & Light Water Systems  
Hand Portable Extinguishers  
Offshore Safety Inspections  
Sales - Installations - Service  
Stainless Steel & Aluminum Fabrication

CONSTRUCTION  
Custom Fabrication / Welding  
Sand Blasting & Painting  
Pipe Line Maintenance

September 13, 2017

Cumberland Fire Department  
3502 Mendon Road  
Cumberland, RI 02864

Attn: Kenneth A. Finlay - Fire Chief

Phone - 401-658-0544

VIA EMAIL: [kfinlay@cumberlandfire.org](mailto:kfinlay@cumberlandfire.org)

SUBJECT: Quote on 60 Gallon Stored Energy CAFS - BFC Quote 2017-116-300

Burner Fire Control, Inc. is pleased to submit the following proposal on subject item.

QUANTITY	DESCRIPTION	COST EACH	TOTAL COST
1	<p>Burner Fire Control - 60 Gallon Stored Energy CAFS Unit.</p> <p>This unit will be complete with the following</p> <p>60 Gallon CAFS Tanks with related plumbing. Tank will be 24" wide x 30" tall x 33" Deep.</p> <p>2 - 80 Cubic Foot Air Bottles with bottle racks, regulator &amp; gauges.</p> <p>1 hose rack with 100 foot 1" hose, shut off and tip.</p> <p>Control Panel.</p> <p>Necessary hoses and plumbing to make the system fully operational.</p>	\$8,878.00	\$8,878.00

Payment will be required before shipment of order.

We will require a tax exempt certificate at the time of order.

Shipment can be made 45-60 days after receipt of purchase order.

If you have any questions or if we may be of any assistance, please do not hesitate in calling 1 800 864 4073.

Sincerely,

Keith Scott

E-mail: [kscott@burnerfire.com](mailto:kscott@burnerfire.com)

P.O. BOX 53482- LAFAYETTE, LA 70505  
Lafayette : ( 337) 237- 4547 - Fax (337) 236- 6296  
[www.burnerfire.com](http://www.burnerfire.com) - e-mail [bfcinfo@burnerfire.com](mailto:bfcinfo@burnerfire.com)



W.S. Darley & Co. Corporate Headquarters  
325 Spring Lake Drive - Itasca, Illinois - 60143  
Phone: 800-323-0244 • Fax: 708-345-8993  
Jack Moore • 630-735-3556direct  
jackmoore@darley.com

BILL TO:

CUMBERLAND RESCUE SERVICE  
1512 MENDON RD  
CUMBERLAND RI 02864  
CHIEF FINLAY  
401-658-0544  
kfinlay@cumberlandfire.org

SHIP TO:

CUMBERLAND RESCUE SERVICE  
1512 MENDON RD  
CUMBERLAND RI 02864  
CHIEF FINLAY  
401-658-0544  
kfinlay@cumberlandfire.org

QUOTATION

DATE:  
9/8/2017

CUSTOMER ACCOUNT  
1126550

PO#

LINE	QUANTITY	PART DESCRIPTION	PRICE		EACH	TOTAL
	1	AK 308 - 9 HP Davey - Honda Pump	\$ 3,000.00		\$ 3,000.00	\$ 3,000.00
	1	Rextangle tank - 150 gallon - special dims	\$ 1,700.00		\$ 1,700.00	\$ 1,700.00
		Please send a copy of this quote when ordering		FREIGHT		\$ 425.00
				TOTAL		\$ 5,125.00

# DAVEY PORTABLE PUMPS

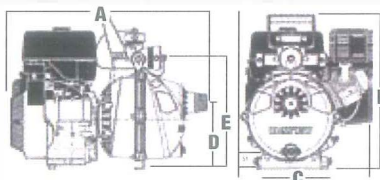
## THE AFFORDABLE, PORTABLE, ENGINE-DRIVEN SELF-PRIMING PUMPS

The Darley™ Davey pumps, also known as the "affordable portables" are the most economical choice in portable, high-efficiency pumps. Their compact design makes them ideal for a variety of applications such as firefighting, tank filling and water transfers.

EMAIL YOUR  
INQUIRIES TO  
INSTOCK@DARLEY.COM

### PUMP DESIGN FEATURES

- ♦ Marine-grade aluminum casing
- ♦ 3-Way discharge port with 1 - 1/2" NPTM, 2 - 1" NPTM
- ♦ 1/2" NPTM suction
- ♦ Zinc-plated casing bolts
- ♦ Mechanical shaft seal
- ♦ Nitrile rubber seal and casing "O" rings
- ♦ Self-priming up to 19'
- ♦ Easy installation
- ♦ Compact & lightweight
- ♦ High pumping efficiency
- ♦ Low oil protection
- ♦ Spark arrestor/exhauster diverter



Cat#	A	B	C	D	E
AK302	17.5"	15.3"	15.3"	6.7"	11.7"
AK312	20.1"	15.3"	14.8"	6.7"	11.7"
AK304	20.3"	15.3"	15.3"	6.7"	11.7"
AK300	23.8"	15.3"	15.6"	6.7"	11.7"
AK308	21.4"	17.7"	17.1"	7.5"	12.6"
AK301	22"	17.7"	16.8"	7.5"	12.6"
AK313	25"	19.5"	18.5"	7.9"	13"
AK305	22.9"	18.7"	18.0"	7.5"	12.6"
AK306	22.4"	17.5"	17.9"	7.5"	12.6"

### 5.5 HP AND 6.5 HP SINGLE-STAGE

- ♦ 5.5 HP Honda and 6.5 HP Briggs & Stratton OHV Vanguard with recoil rope start
- ♦ Weighs approx. 49 lbs.

### PERFORMANCE

95 gpm (378 UM) @ 39 psi (2.7 bar)  
60 gpm (227 UM) @ 90 psi (6.2 bar)  
60 gpm (227 UM) @ 90 psi (6.2 bar)

AK302	5.5 HP Honda OHV with Recoil Rope Start-GX160	\$1,320.00
AK312	6.5 HP Briggs & Stratton OHV Vanguard with Recoil Rope Start	\$1,330.00

### 5.5 HP AND 6.5 HP TWO-STAGE

- ♦ 5.5 HP Honda and 6.5 HP Briggs & Stratton OHV Vanguard with recoil rope start
- ♦ Weighs approx. 60 lbs.

### PERFORMANCE

65 gpm (246 UM) @ 48 psi (3.3 bar)  
50 gpm (189 UM) @ 81 psi (5.6 bar)  
20 gpm (76 UM) @ 120 psi (9.0 bar)

AK304	5.5 HP Honda OHV with Recoil Rope Start-GX160	\$1,550.00
AK300	6.5 HP Briggs & Stratton OHV Vanguard	\$1,630.00

### 9 HP AND 10 HP TWO-STAGE

- ♦ 9.0 HP Honda and 10.0 HP Briggs & Stratton OHV Vanguard or Yanmar Diesel all with electric start & recoil rope start
- ♦ Weighs approx. 80 lbs.

### PERFORMANCE

120 gpm (454 UM) @ 36 psi (2.5 bar)  
95 gpm (378 UM) @ 88 psi (5.7 bar)  
60 gpm (227 UM) @ 118 psi (8.1 bar)  
20 gpm (76 UM) @ 144 psi (9.9 bar)

AK308	9.0 HP Honda-GX270	\$3,000.00
AK301	10.0 HP Briggs & Stratton OHV Vanguard	\$2,630.00
AK313	10.0 HP Yanmar Diesel	\$5,180.00

### 13 HP TWO-STAGE

- ♦ 13.0 HP Honda and Briggs & Stratton with electric start & recoil rope start
- ♦ Weighs approx. 92 lbs.

### PERFORMANCE

120 gpm (454 UM) @ 40 psi (2.8 bar)  
95 gpm (378 L/M) @ 108 psi (7.4 bar)  
60 gpm (227 UM) @ 133 psi (9.2 bar)  
20 gpm (76 UM) @ 146 psi (10.0 bar)

AK305	13.0 HP Briggs & Stratton	\$3,020.00
AK306	13.0 HP Honda-GX390	\$3,330.00
BE078	Automatic Pressure Relief Valve kit	\$150.00

### OPTIONAL ROLL CAGE

Pre-drilled powder-coated roll cage with battery tray fits 6.5-13 HP gasoline-driven Davey Firefighter pumps. *Dimensions: 30"x19"x21"*



6.5 HP  
Two-Stage



10 HP  
Two-Stage



13 HP  
Two-Stage

