



1515 MT. ROSE AVE. - York, PA 17403  
Phone: (717) 846-1632 Fax: (717) 854-9486 E-mail: sales@stahlheaders.com

**Flowmeters:**

Flow Rators--order only 600 mm Laboratory type w/dual scales. I suggest a 100#/hr to 1000#/hr which will cover you for a min of 200 HP gasoline/100hp methanol up to 2000hp gasoline/825HP methanol.

Emerson Process Management / Brooks Instrument  
407 West Vine Street  
Hatfield, PA 19440-0903  
(888) 554-FLOW  
[www.emersonprocess.com/brooks/sp210/SP210-contents.html](http://www.emersonprocess.com/brooks/sp210/SP210-contents.html)

**Barometer:**

Mercury Barometer. Model# 469 Nova mercurial.

Princo Instruments Inc.  
1020 Industrial Hwy.  
Southampton, PA 18966  
Phone: (215) 355-1500  
[www.princoinstruments.com](http://www.princoinstruments.com)

**Elbows:**

90 deg. x 8" / 10"elbows.

H-P Products, Inc.  
512 West Gorgas Street  
Louisville, OH 44641  
(800) 822-8356  
[www.hpproducts.net](http://www.hpproducts.net)

**Flex Pipe:**

Stainless flex pipe for exhaust.

Penflex  
105B Industrial Dr.  
Gilbertsville, PA 19525  
(800) 232-3539  
[www.penflex.com](http://www.penflex.com)

**Vacuum Gauges:**

Laboratory grade Vacuum gauges.

Robertshaw Controls Co.  
P.O. Box 400  
Knoxville, TN 37901  
(423) 544-5115 Pressure & Temp Gauges

**Pressure & Temp gauges:**

H.O. Trerice Co.  
12950 W. Eight Mile Road  
Oak Park, MI, USA 48237-3288  
(248) 399-8000  
[www.trerice.com](http://www.trerice.com)

**Flow Transducer:**

Flow Technology, Inc.  
8930 South Beck Ave., Suite 107  
Tempe, AZ, 85284  
(480) 240-3400  
[www.ftimeters.com](http://www.ftimeters.com)

**Magnetic Pickups:**

Dynalco Controls  
3690 N.W. 53 Street  
Fort Lauderdale, FL 33309  
(800) 368-6666  
[www.dynalco.com](http://www.dynalco.com)

**Carb Air Hose:**

12" rubber flex tubing.

Keystone Rubber Corp.  
15550 Elm Dr., P.O. Box 259  
Shrewsbury, PA 17361  
(800) 394-5661  
[www.keystonerubber.com](http://www.keystonerubber.com)

**Power Supply:**

Variable voltage Ignition Power Supply - Model # VS-50M.

Astron Corp.  
9 Autry  
Irvine, CA 92618  
(949) 458-7277  
[www.astroncorp.com](http://www.astroncorp.com)

*Used By The Country's Quickest And Fastest*



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**Fuel Pump:**

Air powered gasoline/diesel fuel transfer pump.  
#AP-30

Charles Products Co.  
415 N Poplar St  
South Hutchinson , KS 67505  
(620) 665-6541Heaters

**Immersion Heaters Suitable for Oil:**

Do not use copper sheath, must use steel sheath rated for oil or stainless steel sheath. Most are specifically "Oil Immersion Heaters" and use an "O" suffix. Many other shapes and sizes are available.  
#CSO-12 12" - 1500W 120 or 240 VAC 2" NPT  
#CSO-18 18" - 2000W  
#CSO-196 19-3/4" - 2500W W

Fast Heat  
776 Oaklawn Ave  
Elmhurst, IL 60126  
(630) 833-5400  
www.fastheat.com

*Chromalox Heaters:*

Emerson Electric Company  
Edwin L. Wiegand Division  
1 Allegheny Center  
Pittsburgh, PA 15212  
412-242-6400

*Immersion Elements:*

#MTO-215A 11-7/8" 1500W 120,240,480 VAC  
2"NPT  
#MTO-220A 17-7/8" 2000W  
#MTO-225A 19-3/4" 2500W  
\*\*Models: #ARMTO-2155, ARMTO-2205, ARMTO-2255 are same as above with built-in thermostat, adjustable from 150-o to 550-o F.

*Chromalox Heaters are available through:*

Ogden Manufacturing Co.  
64 West Seegers Road  
Arlington Heights, IL 60005  
(847) 593-8050  
www.ogdenmfg.comDerated

*Metal Over-The-Side Heaters:*

Process Technology, Inc.  
7010 Lindsay Drive  
Mentor, Ohio 44060  
(440) 974-1300  
www.process-technology.com  
#OP 1217 1000W 240V 17"  
#OP 2229 2000W 240V 29"

*Hot water heater thermostat from Grainger:*

Open on rise range - 110-170F  
SPST - Part Num. 2E050 \$10.75  
SPDT - Part Num. 2E051 \$12.60  
4500 Watt heating element (240v)  
Bolt on Part Num. 2E049 \$ 9.84  
750 Watt heater for engine  
Bolt on Part Num. 2E492 \$ 6.42  
Screw on Part Num.2E458 \$ 6.33  
www.grainger.com

**Flexible Etched Foil Heaters.**

(For dry sump tanks.):

Watlow Electric Mfg.  
12001 Lackland Road, St. Louis, MO 63141  
1-800-WATLOW2

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**Air Supply & Venilation:**

(All Grainger part #'s.)

1 Carb air blower - kit - 7C664 (Substitute motor #5K556 to get 2-spd capability). Blower # is 2C977.

Free Air ratings: Low speed 1735 cfm free air.  
High speed 3500 cfm free air.  
Pulleys to provide 4.250 ratio.

2 Cell air blowers - 7C824 - 12 5/8" width. (Substitute to get a 2 spd motor 1/2 hp #5K556. (Blower is # 2c988)

Low speed 1450 cfm free air.  
High speed 1960 cfm free air.  
Pulleys to provide 2.65 Ratio.

-----OR-----

2 Cell air Blowers - 7H049 - 15" width. (Blower # is 3C734.) Substitute to get 2 speed motors. For 1/2 hp use 5K556, for 3/4 hp 115v use 6K214 or 3K306, for 230v use 6K051 or 3K082.

Low speed 1650 cfm free air w/ 1/2hp motor & 3.45 pulley's.  
High speed 2300 cfm free air w/ 1/2hp motor & " ".  
Low speed 2000 cfm free air w/ 3/4hp motor & 2.85 pulley's.  
High speed 2785 cfm free air w/ 3/4hp motor & " ".

2 Exhaust fans - 7C528 - 110V - 16" dia

1 low - 1505 cfm 1 high - 2275 cfm

2 low - 3010 cfm 1 each - 3780 cfm

2 high - 4550 cfm

2 Fan shutters for cell inlet blowers

5 2x605 two speed switches for cell/carb blowers & exhaust fans. (for Split phase/permanent split capacitor motors.

The air flow ratings are only valid in a normal environment. Due to this system both pushing in and pulling out air, the air flow movement is greater than the ratings.

www.grainger.com

**Water System:**

1 1-1/2" 90-o ball valve - plumbing supply or hydraulic place?

1 Parker Hannifin Manatrol F-1200-S needle flow control valve 3/4" (hydraulic supply house)

1 Sump Pump - Graingers - 3P530

1 1P 747 water filter with 1P 750 cartridge in sump pump circuit to filter return water.

Sump Tank - 2' wide - 2' long - 2' deep - 59 gals. - Min

Sump Tank - 2' wide - 2' long - 3' deep - 89.7 gals. - Better

1 5 HP Pump min - 7-1/2 to 10 hp better for Stuska.

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