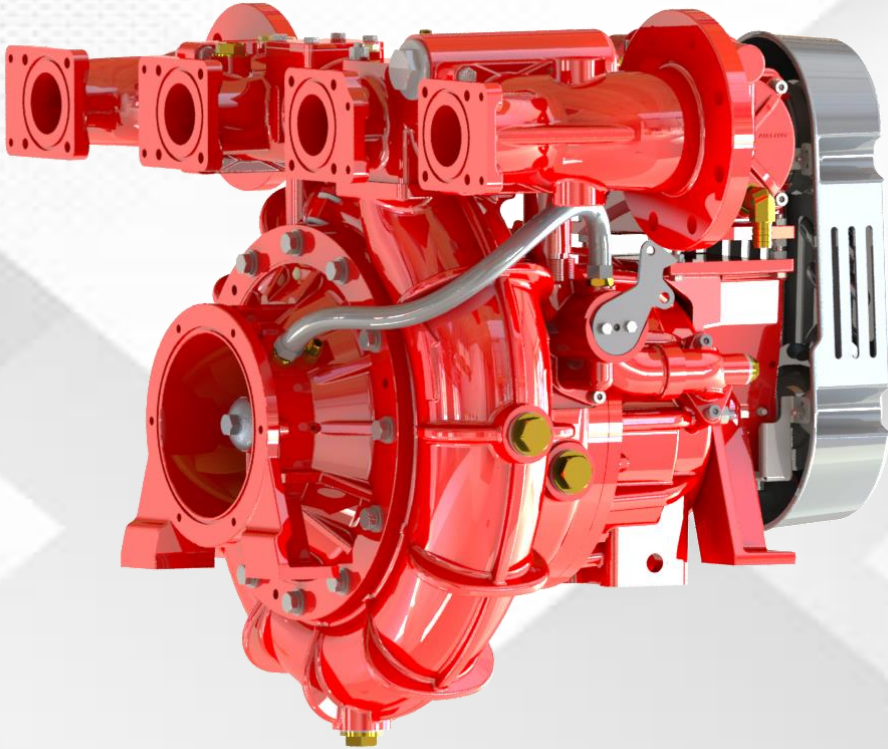


TRIGA MULTI STAGE FIRE PUMPS



KEY FACTORS



Performance :

Low Pressure Stages :

2000 LPM @ 10 Bar

High Pressure Stage :

250 LPM @ 40 bar | 400 LPM @ 40 bar



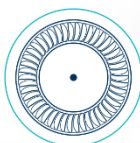
Primer

Twin Piston Reciprocating Type Fully Automatic



Confirming to Standards

EN 1028 & NFPA 1901



Pump Stages

- Normal Pressure (10 bar) - Single Stage Centrifugal Type
- High Pressure (40 bar) - 4 Stage Centrifugal Type



Material of Construction :

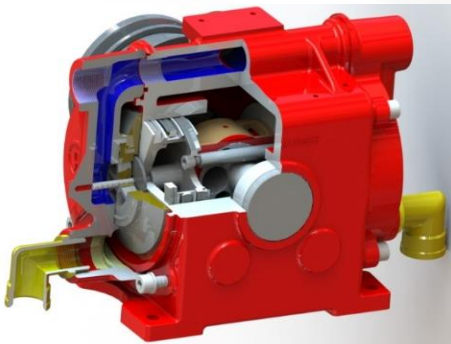
- ☐ Aluminium
- ☐ Bronze
- ☐ Stainless Steel

Specification Chart

Pump Type	High Low Pressure Type Fire Pumps
Capacity	Low Pressure Stage 2000 LPM @ 10 Bar High Pressure Stage 250 LPM @ 40 bar 400 LPM @ 40 bar
Low Pressure Stage	Single Stage Centrifugal Type (Closed type impeller)
High Pressure Stage	4 Stage Centrifugal Type (Closed type impellers)
Pump MOC	Aluminium / Bronze / Stainless Steel
Priming System	Twin Piston Type fully automatic
Confirming to standards	EN 1028 & NFPA 1901
Pump Drain	At bottom most point manual valve provided
Suction Manifold	Suction Connection Required for Respective capacity as below- For 2000 LPM Connect – 4 Inch Suction Pipe
Low Pressure Delivery Manifold	In the scope of fabricator or can be supplied in standard configuration.
High Pressure Delivery	2 High Pressure Lines 1" Each 250 LPM to 400 LPM @40 bar

TRIGA Multi Stage Pump Features

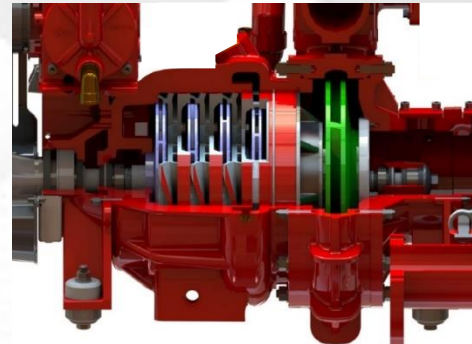
Fully Automatic Twin Piston Priming
System Mounted on Pump



Thermal Relief Valve



1-Stage Low Pressure and 4 Stage
High Pressure Mounted on Single
Stainless Steel Shaft

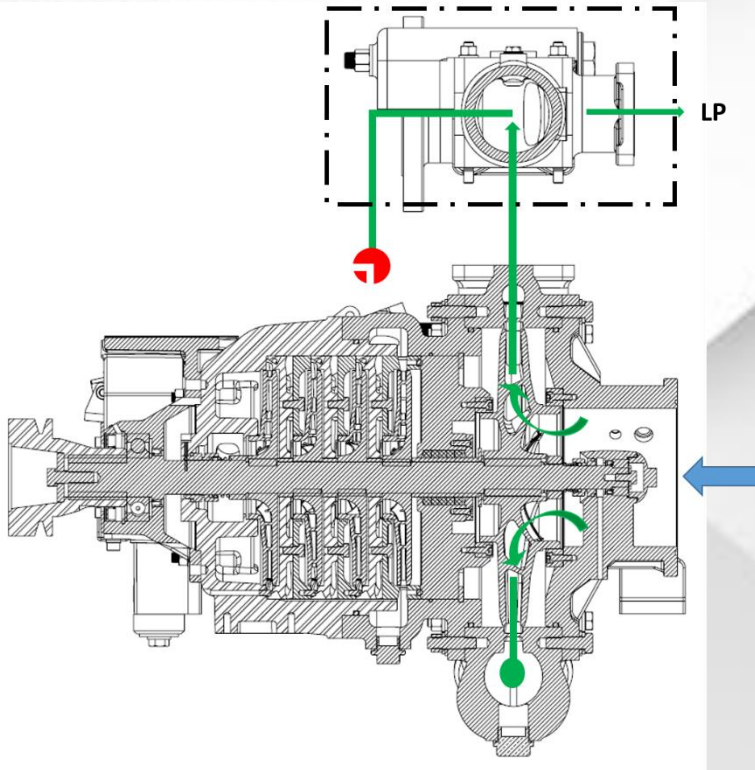


TRIGA Fire Solutions, LLC
PASSION TO PROTECT

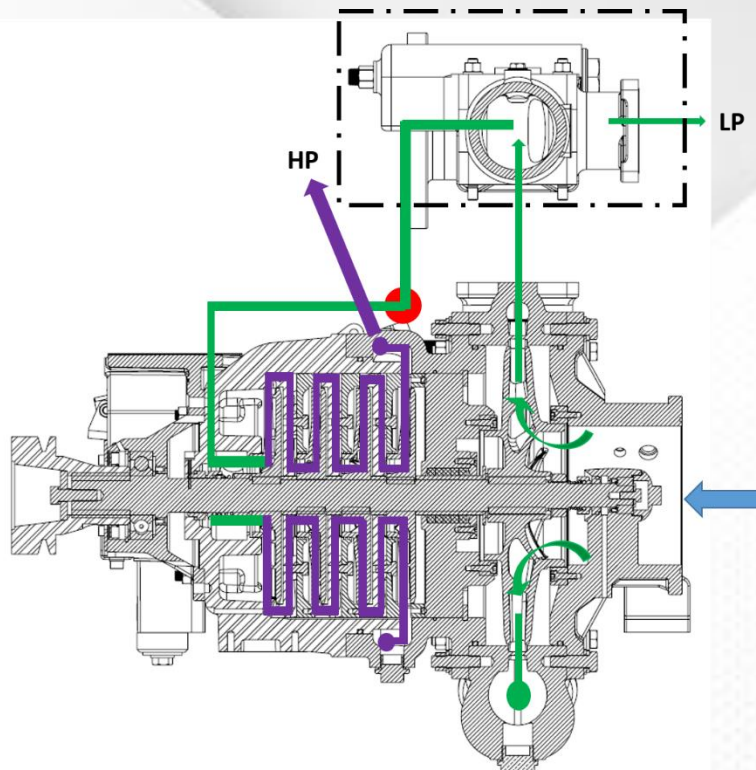
340 Taxiway Bravo, Beeville, Texas 78102, US
Contact Number : 9032404546
Website : www.trigafiresolutions.com

WORKING SCHEMATIC DRAWING

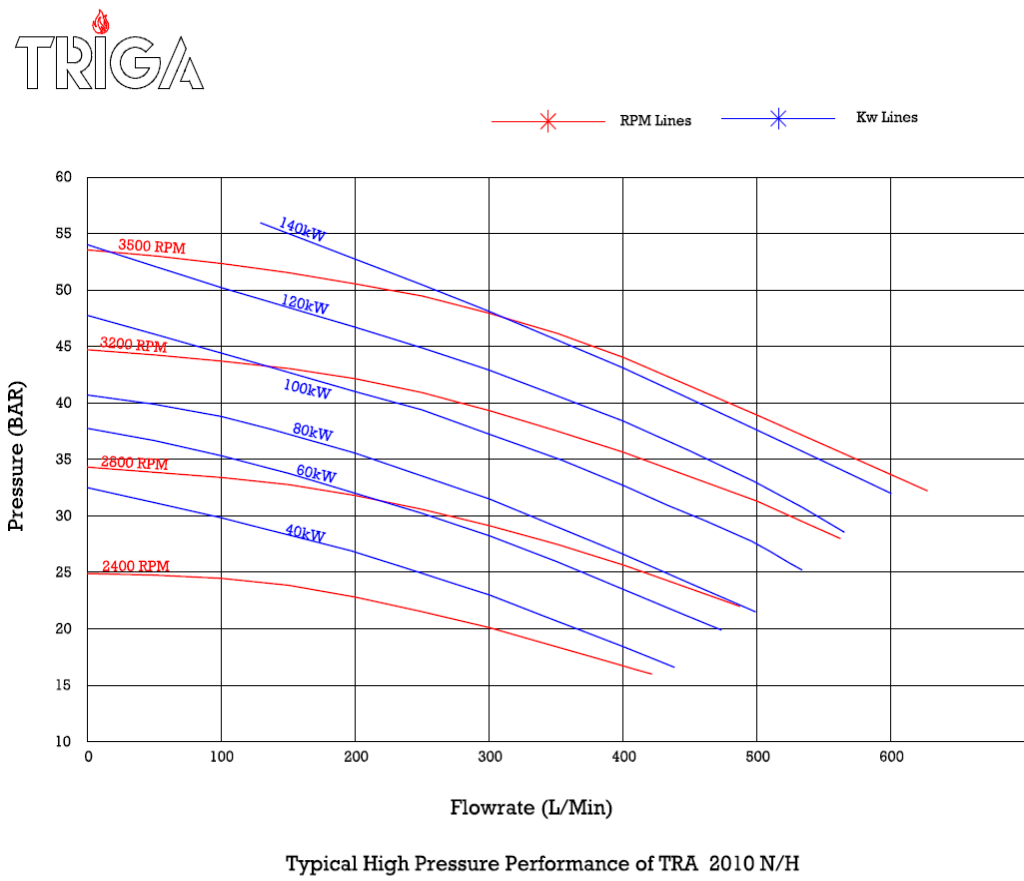
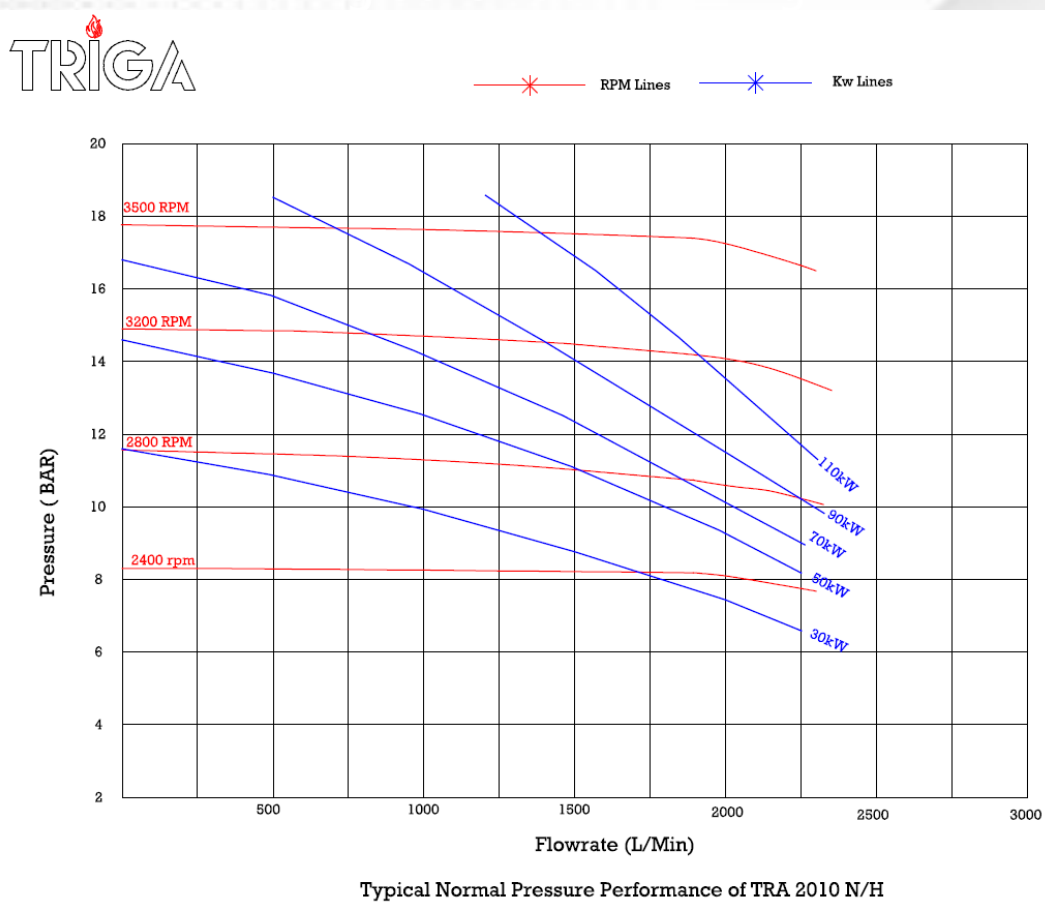
High Pressure Mode – OFF.
Low Pressure (10 Bar) available at LP Outlets.



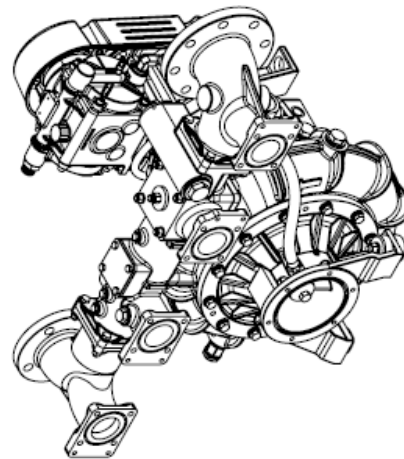
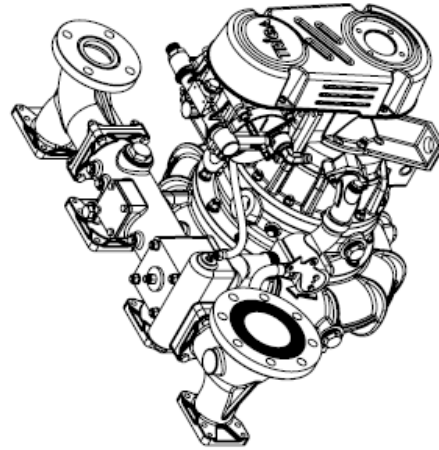
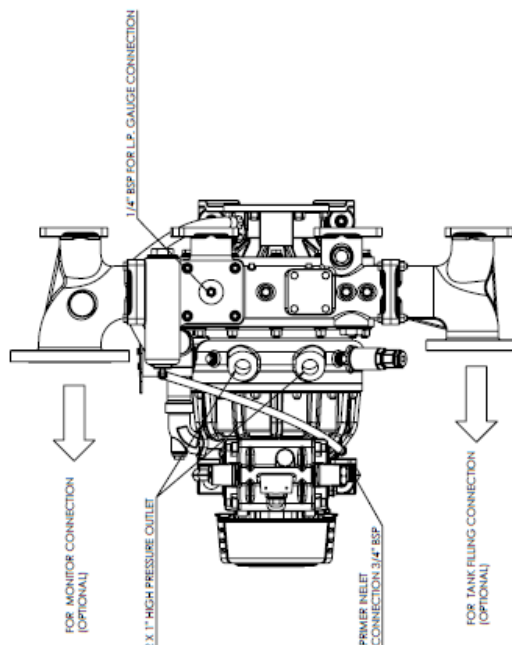
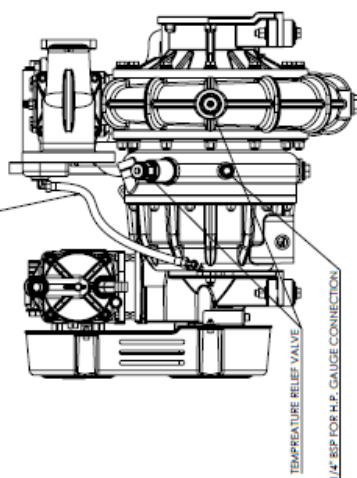
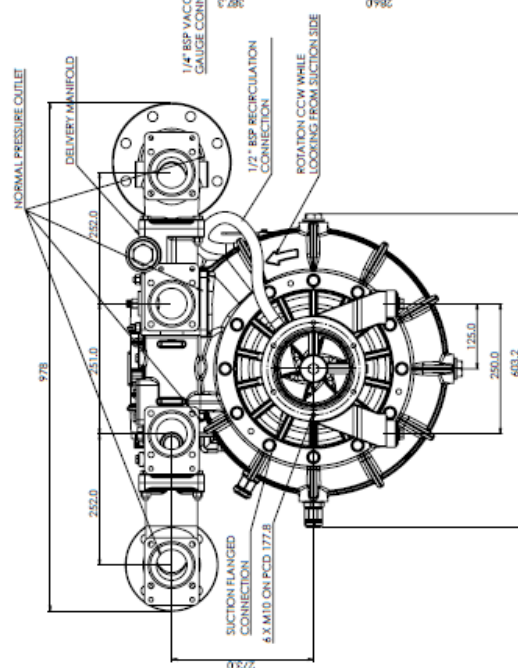
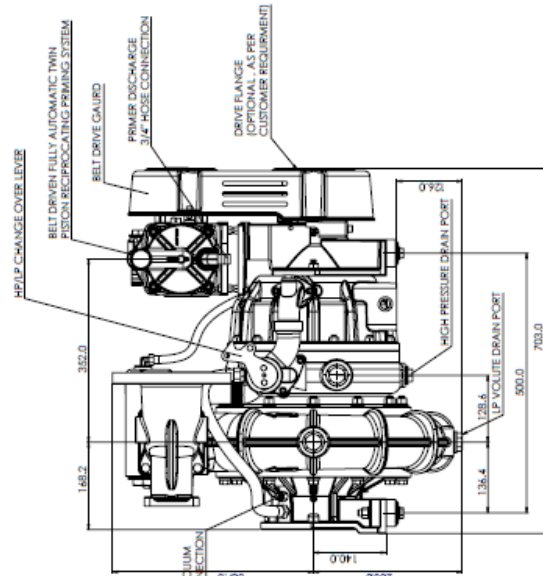
High Pressure Mode –ON.
Low Pressure (10Bar) and High Pressure (40Bar) Simultaneously available at respective Outlets.



TYPICAL PERFORMANCE CURVE



GA DRAWING TRA 2010 N/H

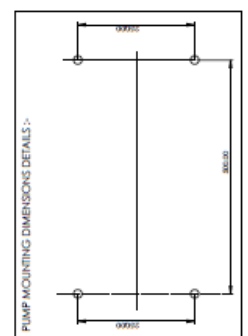


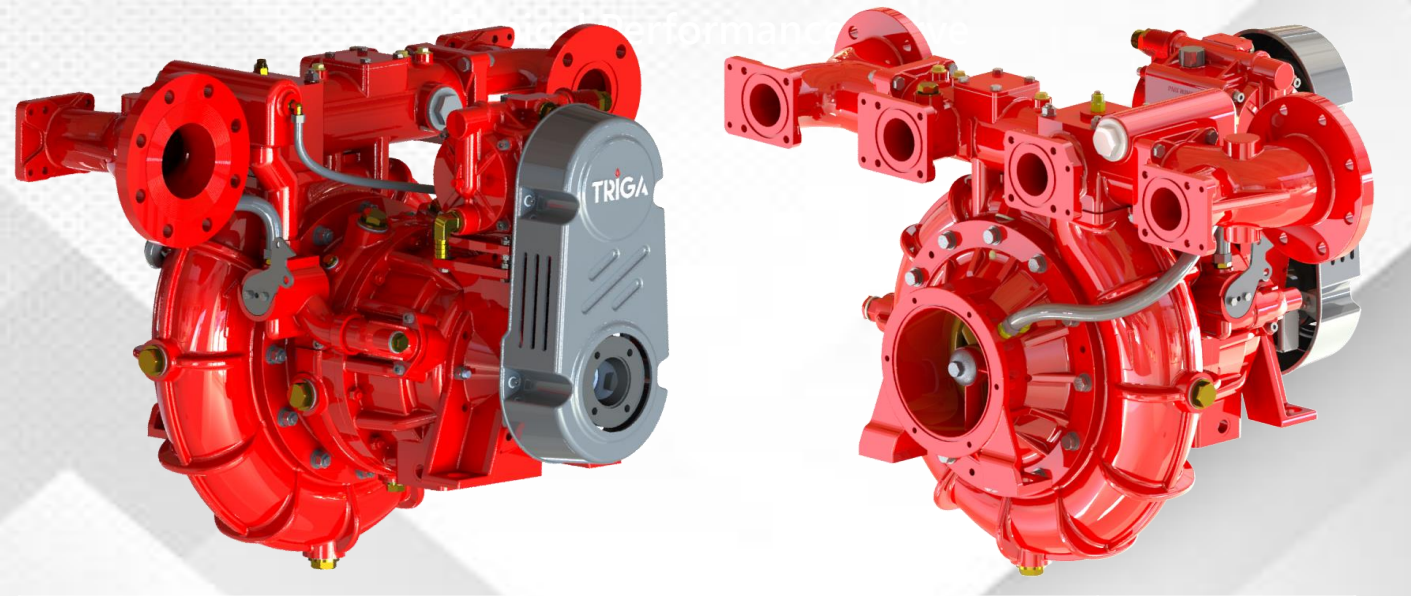
NOTE:

Pump Model : TPA 2010 N/H	TPIGA	TRIGA POWER SOLUTIONS LLC 180 WILSON AVENUE THIRD FLOOR, GA ATLANTA, GA 30309-4670
MATERIAL OF CONSTRUCTION: Shafting / Bolts / Gaskets Seal	TITLE	
Rated Capacity	GA DRAWING TRA 2010 N/H	
Normal Pressure	DWG NO : GA-TNA-27-2010-00	
Normal Temp 15 to 30°C		
Shaft of Motor Coupled to Pump Connection	DO NOT SCALE THE DRAWING	
	REV-CAD	

NOTE:-

- The above GA drawing is for illustration purpose only. Actual product may vary based on customer requirement.
- Drive flange PCB No. of Holes Location GA must be given to TRIGA with order, otherwise undrilled flange of dia. 120mm will be supplied as standard.
- This drawing is the property of TRIGA Fire Solutions LLC, and must not be used or copied without permission in writing.
- Our Policy is one of continuous development, we therefore reserve the right to amend the drawing without prior notice.





Certified According to EN 1028					
P	Q	TRA-2010-N/H	TRA-3010-N/H	TRA-4010-N/H	TRA-6010-N/H
FPN 10-	2000	✓			
FPN 10-	3000		✓		
FPN 10-	4000			✓	
FPN 10-	6000				✓
FPH 40-	250	✓	✓	✓	✓

EN 1028: P=NOMINAL PRESSURE (BAR), Q = RATED OUTPUT (LPM)

UL Classified According to NFPA 1901					
P	Q	TRA-2010-N/H	TRA-3010-N/H	TRA-4010-N/H	TRA-6010-N/H
UL 150 -	500	✓			
UL 150 -	750		✓		
UL 150 -	1000			✓	
UL 150 -	1500				✓

UL: P = nominal pressure (PSI), Q = rated output (USGPM)