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## WHY DRAFT COMMANDER® 3000?

Fire pump testing on site from Draft assuring your Apparatus is up to parr performing service test which is required by ISO by the Guide Lines of NFPA 1911-2007 that the Fire Apparatus is ready to protect property and save lives in your community and assuring protection for your Firefighters.

### **WHAT ABOUT TRAINING FOR YOUR FIREFIGHTERS AND NOT WASTING WATER AND FLOWING THE WATER BACK INTO THE DRAFT COMMANDER® RECYCLING THE WATER AND TRAINING AT THE SAME TIME?**

- 1.) Learn to perform a Fire Service Pump Test as per NFPA 1911-2007 Guidelines.
- 2.) Flow water and setting the relief valve discharging large volumes of water and why setting the relief valve importance for safety of the Fire Fighters.
- 3.) Fire Pump operator-Engineer- Importance to observe all gauges on the pump panel, such as Master Pressure Gauge, Vacuum Gauge, Individual discharge gauges, oil pressure, temp, volts, tech, relief valve, and etc. While discharging water back into the Draft Commander.
- 4.) Importance of when drafting make sure of No air leaks which causes loosing prime and etc.
- 5.) See the difference in water flow and pressure when changing a two stage pump from pressure to volume.
- 6.) Importance of time when hooking up suction hose to discharge water to fight fire and learning what happens before your apparatus is ready to receive water.
- 7.) Learn the sounds of Fire Apparatus Engine and Fire Apparatus Fire Pumps when flowing high volumes of water.
- 8.) Flowing water with different sizes of Fire hoses learning the difference of water flow using different pressures.

GPM Flow	GPM Flow	Increase In Flow
1 ½” Fire Hose: _____	1 ¾” Fire House: _____	_____
1 ¾” Fire Hose: _____	2” Fire House: _____	_____
2 ½” Fire Hose: _____	3” Fire House: _____	_____
3” Fire Hose: _____	4” Fire House: _____	_____
4” Fire Hose: _____	5” Fire House: _____	_____
5” Fire Hose: _____	6” Fire House: _____	_____

**NOT WASTING WATER- DISCHARGE BACK INTO DRAFT COMMANDER.**

- 9.) Engagement of pump in gear and out of gear at an idol.
- 10.) Importance of not running your Fire Pump Dry and not moving water at a long period of time.
- 11.) Importance of Setting Brake and use of Wheels chocs.
- 12.) Disconnecting from Draft Commander suction tubes and putting the Fire Apparatus back into service. Making sure the Fire Apparatus is ready to be put back into Fire House and ready for the Emergency call.

## **TESTING FIRE HOSE**

Fire Hose Testing- By utilizing the Draft Commander up to 250-300 PSI utilizing your Fire Apparatus Fire Pump.

Examples: using 2 ½” discharge to pressure the fire hose your testing up to 250 PSI and using another 2 ½” discharge attached to the Draft Commander and discharging low volumes of water back into the Draft Commander keeping your Fire Pump from overheating. Set your relief valve at 250 PSI or pressure desired.

***Note:** All Fire Hose should be tested according to NFPA Standards.*