

Northborough Fire Department in Service Training

Lesson 2 - Pumping a Hydrant

Objective

Pump a hydrant using the Hydrant Assist Valve (HAV) while supplying water to a Master Stream appliance to simulate increasing pressure to the fire.

Equipment needed

Engine, Hydrant Assist Valve, 1-2 lengths 4 inch LDH, master stream appliance with pressure gauge, snakes, and pitot gauge (optional)

Important points to discuss

- Prior to beginning operations, look at the HAV and note the lettering configuration on the top of the valve. All NFD valves will have letters on the top of the valve indicating the direction of the flow of water based on the handle position. Some valves also have tags that indicate to fire, to pump, and from pump. Not all valves have the tags so it is important to understand the lettering diagram. Note the lettering of the ports. (Figure 1)

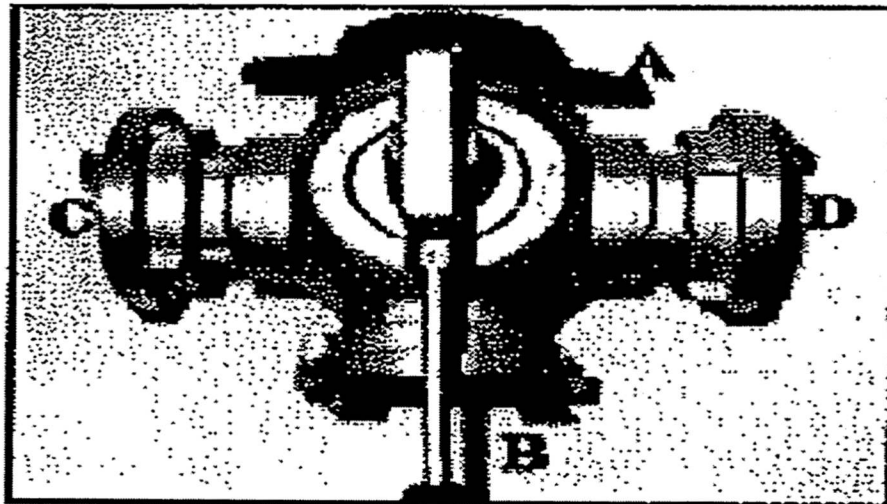


Figure 1

- Discuss how the water is distributed through the valve by the position of the handle