

Ventilation Evolution #2

Positive Pressure Attack (PPA), taking a hydrant

Purpose: To increase the effectiveness of a fire attack requiring water supply from a hydrant by implementing PPA.

Description: *At the hydrant* — The crew takes a forward lay from the hydrant with LDH or 2-1/2 inch hose following procedures in Hose Evolution #1 or Hose Evolution #2, then drives to the fire scene. *At the fire scene* — The crew completes the hydrant connections and attacks the fire using PPA and a 1-3/4 inch or 2-1/2 inch attack line. Evolution begins when apparatus stops at the fire scene and ends when the attack line is flowing an effective stream and advanced inside.

Notes: Safety and common sense take priority in all fireground activities. Use all required safety equipment, including full PPE where needed. Do not use PPA if a backdraft condition exists. Allow blowers to operate for 30 seconds before advancing the attack line inside. The entrance opening must always be kept clear—firefighters standing in the entrance opening can seriously reduce the effectiveness of PPA. Apparatus operated with headlights on. Open and close gate valves slowly and carefully with two hands. Seat belts must be used when seated on apparatus. Straddling hose or hose clamps prohibited at all times.

Position	Procedures (Also see the chapters, "Fire Attack" and "Ventilation," in the SLCFD Training Supplement.)
Officer	<ul style="list-style-type: none"> <input type="checkbox"/> Assigns tasks: <i>At the hydrant</i> — Directs crew to take a hydrant with LDH or 2-1/2 inch hose following procedures in Hose Evolution #1 or Hose Evolution #2. <i>At the fire scene</i> — After determining a backdraft condition does not exist, informs crew that PPA will be initiated and directs nozzle firefighter to pull a 1-3/4 inch or 2-1/2 inch attack line. <input type="checkbox"/> Positions blower: Secures the blower and an appropriate tool from the apparatus. Extends the handle of the fan and wheels it near the point of entry <input type="checkbox"/> Sizes-up building: Carrying an appropriate tool, sizes-up the building. If necessary, makes or improves on a horizontal vent at a location near the fire. <input type="checkbox"/> Assists with attack: Helps gain entry through the entrance opening and starts the blower if it is not already running. When attack line is in position, assists with the fire attack.
Nozzle	<ul style="list-style-type: none"> <input type="checkbox"/> Pulls attack line: As directed by the officer, pulls the appropriate attack line and advances it to the building entrance used for the fire attack. If necessary, attaches a hose strap. <input type="checkbox"/> Entry and attack: Helps gain entry through the entrance opening. Assists with blower. Begins fire attack after the blower runs for 30 seconds.
Hydrant/ Fan	<ul style="list-style-type: none"> <input type="checkbox"/> Assists with attack: After taking the hydrant following procedures in Hose Evolution #1 or Hose Evolution #2, goes to the objective with forcible entry or overhaul tools in hand.
Driver/ Operator	<ul style="list-style-type: none"> <input type="checkbox"/> Sets-up apparatus: Positions apparatus. Before leaving cab, sets parking brake, engages pump, and puts apparatus into proper gear. <input type="checkbox"/> Safety: Places chock under apparatus wheel, and positions safety cones to warn traffic. If necessary, places hose clamp on the supply line, on the hydrant side of the last coupling. <input type="checkbox"/> Gets water into pump: Begins operation using tank water if appropriate. Sees that the supply line is connected to the pump intake. Removes hose clamp if necessary. After the supply line is charged, slowly opens the gate into the pump intake. Changes-over from tank water to hydrant water if necessary. <input type="checkbox"/> Charges attack line: Slowly charges the attack line by partially opening the discharge valve until the line is filled, then opens the valve to provide an effective stream.

Comments: