

SWIFTWATER WILDFIRE

Deployment & Valve Guide



Five ways to deploy the unit: set the valves, connect the accessories, adjust pressure.

Valve key **OPEN** **CLOSED**

1 PUMP AND DRIVE

Goal: Lay a wet line to slow fire advance in vegetation, or direct-action a long stretch of brush fire.



VALVE POSITIONS

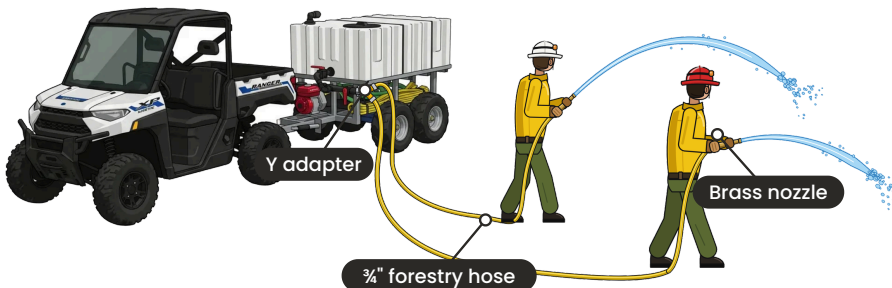
A Tank Suction	OPEN
B Tank Fill	CLOSED
C Outlet	OPEN
D Draft	CLOSED

SET-UP

1. Attach the 1.5" nozzle to the forestry connection on the outlet.
2. Increase or decrease engine throttle to adjust water pressure.
3. Adjust the spray pattern with the nozzle.
4. Drive the vehicle forward slowly, keeping sufficient distance from the fire.

2 DUAL HANDLINE

Goal: Utilize two people to control fire spread.



VALVE POSITIONS

A Tank Suction	OPEN
B Tank Fill	CLOSED
C Outlet	OPEN
D Draft	CLOSED

SET-UP

1. Attach the Y adapter to the outlet.
2. Attach a length of 3/4" forestry hose to each connection point.
3. Increase or decrease engine throttle to adjust water pressure.
4. Adjust the spray pattern with each pre-attached nozzle.

3 HIGH VOLUME HANDLINE

Goal: Direct-action a fire with a large amount of water, quickly.



VALVE POSITIONS

A Tank Suction	OPEN
B Tank Fill	CLOSED
C Outlet	OPEN
D Draft	CLOSED

SET-UP

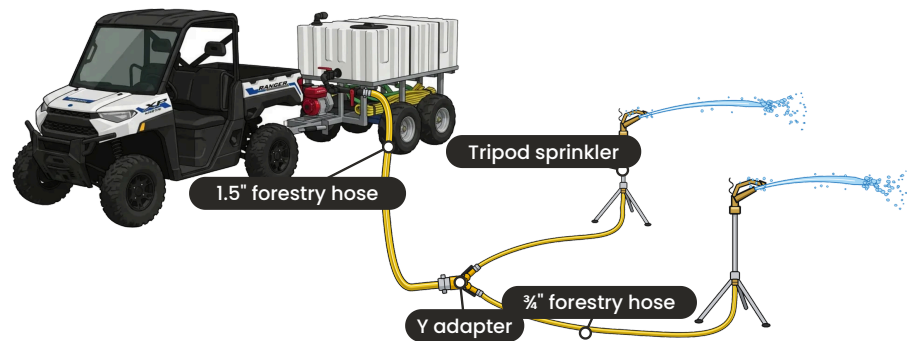
1. Attach 1.5" forestry hose to the outlet.
2. Attach the 1.5" forestry nozzle to the end of the hose.
3. Increase or decrease engine throttle to adjust water pressure.
4. Adjust the spray pattern with the nozzle.



4

EXTENDED REACH

Goal: Action a fire or protect a structure at a distance from access.



- VALVE POSITIONS
- A

 Tank Suction

OPEN
- B

 Tank Fill

CLOSED
- C

 Outlet

OPEN
- D

 Draft

CLOSED
- SET-UP
1.

 Attach a length of 1.5" forestry hose to the outlet.
2.

 Attach the Y adapter to the end of the 1.5" hose.
3.

 Attach 3/4" hose to each Y outlet.
4.

 Use pre-connected nozzles for fire action, or connect to structure protection sprinklers.
5.

 Increase or decrease engine throttle to adjust water pressure.

5

DRAFTING

Goal: Refill the on-board tank, or conduct extended operations using an external water source.



- VALVE POSITIONS
- A

 Tank Suction

CLOSED
- B

 Tank Fill

OPEN

Closed if not refilling tank
- C

 Outlet

CLOSED

Open if not refilling tank
- D

 Draft

OPEN
- SET-UP
1.

 Attach the 1.5" suction line to the suction port beside Valve D.
2.

 Attach the Swiftwater floating intake / foot valve (or other protection device) to the end of the suction line and place it in the water source.
3.

 Prime the suction line and pump.
4.

 Fill the tank.

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 The Honda high-pressure pump is **not a trash pump**. Do not draft from water sources that contain debris.

VALVE QUICK REFERENCE

	Pump and Drive	Dual Handline	High Volume Handline	Extended Reach	Drafting
A Tank Suction	● Open	● Open	● Open	● Open	● Closed
B Tank Fill	● Closed	● Closed	● Closed	● Closed	● Open*
C Outlet	● Open	● Open	● Open	● Open	● Closed*
D Draft	● Closed	● Closed	● Closed	● Closed	● Open

* Drafting without refilling the tank: Valve B closed, Valve C open.