

**IMPORTANT INFORMATION:**

This product is not compatible with fuel blends containing more than 5% biodiesel.

**SPECIFICATIONS:**

REGULATED PRESSURE RANGE	
RV-B100.....	100 - 200 PSI
RV-C100.....	150 - 300 PSI
TEMPERATURE RANGE.....	-40 to 200 degF
FUELS.....	NO. 4 & LIGHTER
MAXIMUM FLOW.....	85 GPH MAX

**NOTE:** Due to normal RV valve piston flow losses, size the fuel pump approx. 5 gph larger than otherwise needed.

These RV valves are UR and cUR Recognized.

**CODES:** Consult local codes for compliance to regulations that may govern the use of this valve.

**RV VALVE OPERATION:**

Oil under pressure is supplied to the RV regulator valve. The valve regulates the fuel pressure to a desired setting, ports the pressurized fuel to the desired location and ports the excess flow back to the tank.

**RV VALVE INSTALLATION:**

**OIL SUPPLY PORT:** Supply oil up to 85 GPH to one of the two valve INLET/PRESSURE PORTS. Set the valve regulating pressure to the desired setting within the decal pressure range.

**OIL DISCHARGE PORT:** If a cut-off feature is not desired, or if the supply pressure can be lower than the RV valve setting, take the discharge flow out the other INLET/PRESSURE PORT. If a cut-off feature is needed, and if the supply pressure is always greater than the RV valve setting, take the discharge flow out the OUTLET PORT.

**OIL RETURN PORT:** Send return flow back to tank out one of the two RETURN PORTS.

**MOUNTING:** Any mounting orientation is acceptable.

**FILTRATION:** Suntec highly recommends that the RV valve be protected by an upstream filtration system.

**GENERAL:** DO NOT USE TEFLON TAPE on the 1/4 NPTF ports, as it may void all warranties. Any non-hardening pipe sealant compatible with fuel oil is acceptable.

**LOCK PRESSURE SCREW:** After the pressure is set, lock the adjusting screw as required by the NYC DEP by inserting the Roll Pin (one + spare enclosed) into the Adj. Plug crosshole, and filling the cavity with J-B Weld Co. Kwik Set Epoxy Resin/Hardener or equivalent. See left view below

