

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.....150 GPH MAX

NOTE: Due to normal RV-X100 Valve piston flow losses, the fuel pump should be sized approximately 5 gph larger than otherwise needed.

These RV-X100 Valves are UL and cUL Recognized.

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

RV-X100 OPERATION:

Oil under pressure is supplied to the RV-X100 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-X100 INSTALLATION:

Oil Supply Port: Supply oil up to 150 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-X100 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-X100 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-X100 Valve be protected by an upstream filtration system.

GENERAL: The RV-X100 Valve has 1/4 NPT ports. When installing, DO NOT USE TEFLON TAPE, as it may void all warranties. Any non-hardening pipe sealant compatible with fuel oil is acceptable.

