

Over Pressure Relief Valve

The Over Pressure Relief Valve (OPRV) is used to vent the fuel tanks of the Sikorsky CH-148 Helicopter. The valve mounts directly to the fuel tank.

In flight, the OPRV is normally closed disabling the relief function. The valve has an arming port, which senses fuel pressure during either ground or aerial refueling. When armed, the valve prevents over pressurization of the fuel tanks.



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Features

- Mounts in fuel tank
- Relieves fuel overboard
- Relief only available during refueling
- Zero leakage
- High flow rate
- Low cracking pressure

Operating Parameters

Arming Pressure	5 psig	Flow	60 GPM @ 2.75 psig
Crack Pressure	1.75 psig	Temperature	-65°F to +160°F
Proof Pressure	120 psig	Temperature Non Operating	-65°F to +180°F
Burst Pressure	240 psig	Weight.....	.66 Kg (3.1 lbm)

Performance characteristics are based on customer requirements. As such, they are not representative of component capabilities or limitations.

