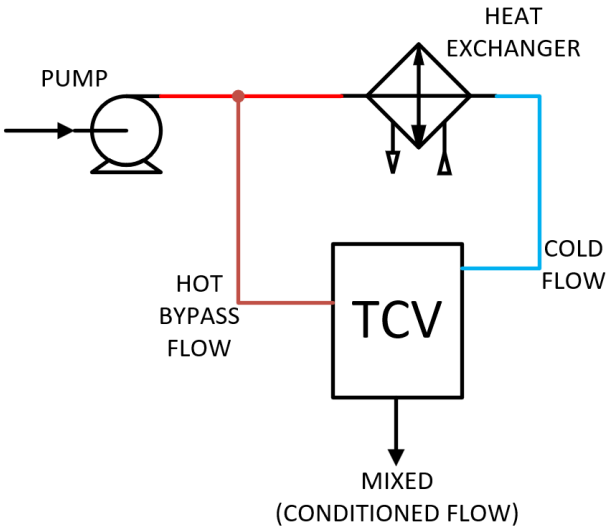
PACIFIC DESIGN TECHNOLOGIES, Inc.

PDT Fluid Solutions

20-70 GPM Thermal Control Valve (TCV)





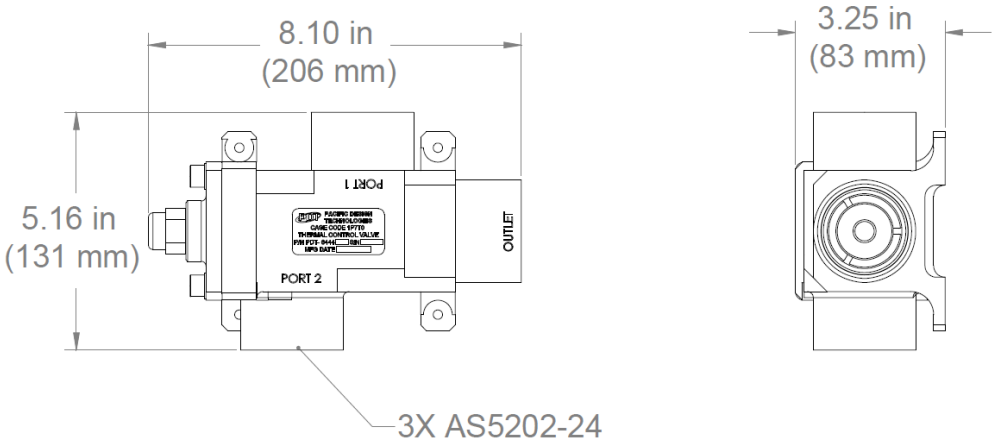
Description

PDT Thermal Control Valves (TCV) accommodate consistent temperature regulation of working fluid to heat loads. TCVs proportionally control the volume flow rate bypassing a heat rejection source. PDT Thermal control valves achieve temperature regulation passively with no electrical inputs required. The refined design features of PDT Thermal Control Valves ensure reliable steady operational performance consuming minimal pressure drop and featuring low temperature stabilization response time. PDT Thermal Control Valves are available in a wide array of temperature set points and flow rates to meet specific application needs.

Specification

Parameters	Fluids:	EGW, PGW, PAO, Fuels, Hydraulic Fluids, Refrigerants
	Flow:	20 GPM to 70 GPM (75 L/min to 265 L/min)
	Ambient Temperature Ranges:	-55°C to 85°C
	Fluid Temperature Control Tolerance	±4°C Typical
	Weight:	Dry: 5.5 lbs (2.0) max

Outline



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