

REOTEMP SEAL FEATURES

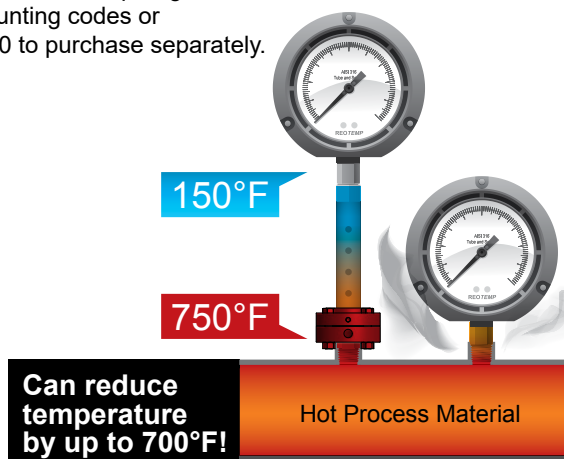
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COOLING TOWERS

High process temperatures are damaging to pressure instrument performance and could pose an imminent safety risk. Reotemp cooling towers provide the best option for extending instrument lifespan, improving performance and minimizing safety risk.

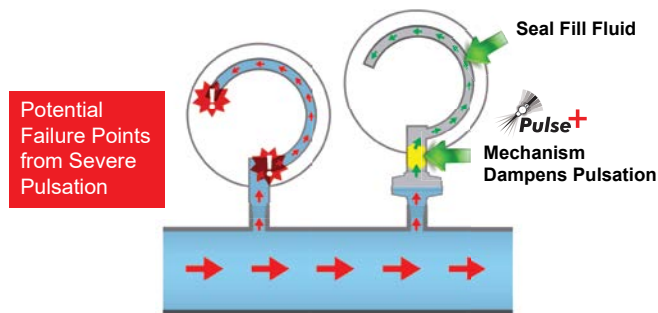
See page 98 for diaphragm seal mounting codes or page 270 to purchase separately.



PULSATION PROTECTION



Process media pulsation is one of the most common causes of pressure gauge failure. Reotemp's proprietary diaphragm seal feature, Pulse Plus™ dramatically reduces the effects of pulsation on mechanical pressure instruments.



Specify with option code **-PP** on most diaphragm seal models when a seal is being mounted to a Reotemp pressure gauge.

PRESSURE AND TEMPERATURE REFERENCE TABLES

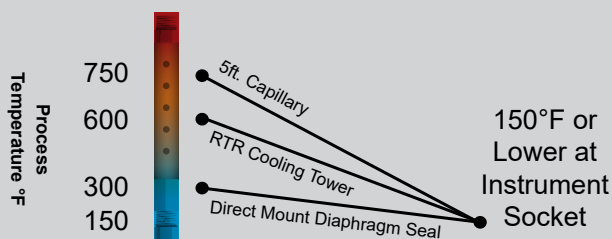
Threaded Diaphragm Seal Temperature Rating

Process Temp °F	MWP 1500 psi	MWP 2500 psi	MWP 5000 psi	MWP 10000 psi
-40 to 100	1500	2500	5000	10000
200	1290	2150	4300	8600
300	1175	1950	3900	7800
400	1090	1800	3600	7200
500	1000	1650	3300	6600
650	910	1500	3000	6000

ANSI B16.5 Flange Rating (Temperature/Pressure)

	Process Temp °F	Class 150 psi	Class 300 psi	Class 600 psi	Class 1500 psi
316SS	-40 to 100	275	720	1440	3600
	200	230	600	1200	3000
	300	205	540	1080	2700
	400	190	495	995	2485
	500	170	465	930	2330
	650	125	430	860	2150
Carbon Steel	-40 to 100	285	740	1480	3705
	200	260	675	1350	3375
	300	230	655	1315	3280
	400	200	635	1270	3170
	500	170	600	1200	2995
	650	125	535	1075	2685

Temperature Dissipation by Diaphragm Seal Mount Type



Note: Figures are approximate, based on installation with significant ambient airflow.