

THERMOWELLS

- Please read these instructions before you begin installation.

INSTALLATION

All our wells have a 1/2" NPT female thread for sensor connection. We recommend that you add some heat transfer paste to the bottom of the well to improve heat transfer before inserting the sensor. We recommend that you use a spring loaded sensor such our TS-P-4-T-10K to ensure the sensor makes good thermal contact with the bottom of the well.

Select stainless steel at higher temperatures or pressures or where corrosion could be a problem. Our standard 304 S/S has excellent resistance to mildly corrosive atmospheres and can withstand higher pressures and temperatures than brass.

Brass wells are usually chosen for applications measuring water temperature or steam at moderate temperatures and pressures. In these conditions they provide good protection and corrosion resistance. Because brass is readily machined and less expensive than stainless steel these are more economical.

Use the table below to ensure that you are operating in the safe range.

Pressure - Temperature rating - lbs. per sq.inch

Material	Temperature - Fahrenheit						
	70	200	400	600	800	1000	1200
BRASS	5000	4200	1000	-	-	-	-
304	7000	6200	5600	5400	5200	4500	1650
316	7000	7000	6400	6200	6100	5100	2500