



ThermoWorks

Fridge/Freezer Thermometer Selection Chart



	RT615	ThermoDrop	RT801	RT8100	RT8100MAT	PharmAlarm1	PharmAlarm2	ThermoGuard	ThermoData WiFi
Display									
Reading Type	Temperature	Temperature	Temperature	Temperature	Temperature	Temperature	Temperature	Temperature	Temperature/Humidity
High Alarm	Set to 46°F		✓	✓	✓	✓	✓	✓	✓
Low Alarm			✓	✓	✓	✓	✓	✓	✓
Display Update Rate	10 sec.	18 sec.	10 sec.	10 sec.	10 sec.	10 sec.	10 sec.	1 sec.	1 sec.
Displays Time Elapsed Since Alarm Trigger				✓					
Displays Date & Time of Alarm Trigger					✓		✓		
Min/Max Temps		✓	✓	✓	✓	✓	✓	✓	✓
Monitor Alarms & Temps Through the Internet									✓
Stores a Log of Recorded Temps									✓
Switch Between °F and °C	✓	✓	✓	✓	✓	✓	✓	✓	✓
Resolution	0.1°	1°	0.1°	0.1°	0.1°	0.1°	0.1°	0.1°	0.1°
Display Turns Off in the Dark	✓								
Backlight		✓	✓			✓			
Probes									
Number of Probe Channels	1	1	2	2	2	2	2	1 or 2	1 or 2
Probe Type	Internal	Internal	External/Internal	Suction Cup	Suction Cup	Glass Bead Vial	Glass Bead Vial	Internal or External	Internal or External
Accuracy	±1.8°F	±1.8°F	±1°F	±1.8°F	±1.8°F	±1°F	±1.8°F	±0.7°F	±0.7°F
Temperature Range	-13 to 122°F	-13 to 122°F	-58 to 158°F	-40 to 158°F	-58 to 158°F	-58 to 158°F*	-58 to 158°F	-58 to 158°F*	-148 to 2502°F*
Housing									
Rugged Housing w/ Molded-in Seals		✓							
Splash Proof Rating	IP65	IP67						IP54	IP54
Visual Alarm	✓		✓	✓	✓	✓	✓	✓	✓
Audible Alarm			✓	✓	✓	✓	✓	✓	
Alarm Sound Level			70 dB	70 dB	70 dB	70 dB	70 dB	82 dB	
Magnets on Back			✓	✓	✓	✓	✓		
Calibration Certificate Included**						NIST-traceable	NIST-traceable	UKAS	NIST-traceable
Warranty	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years
Available in 9 Colors		✓							
Power									
Battery Life	5 yrs.	4,000 hrs.	10,000 hrs.	1 yr.	1 yr.	10,000 hrs.	1 yr.	3 yrs.	1 yr.
Battery Type	1 x CR2032	1 x CR2025	1 x CR2032	2 x AAA	2 x AAA	1 x CR2032	2 x AAA	2 x AAA	2 x AAA

* Internal or ambient sensors have a different range. Check the specs on the product page.

** Laboratory calibration certificates are available on any ThermoWorks product for an additional charge.