

Brannan V-Line Thermometers are primarily used in industrial applications such as Marine and Heating markets. The durability and vibration-resistance of the product lends itself to these more robust end uses. The temperature scales of the product vary from  $-30^{\circ}\text{C}$  to  $600^{\circ}\text{C}$ .

We offer a broad selection of temperature ranges in both straight and  $90^{\circ}$  angled cases in 110mm, 150mm and 200mm lengths. Additionally, we have a range of  $135^{\circ}$ , obtuse angled cases in 150mm and 200mm lengths.

Case materials are Polypropylene (up to  $120^{\circ}\text{C}$ ) and Aluminium for higher ranges. Lens glass offers a clear view of the scale, in both Blue Spirit (up to  $300^{\circ}\text{C}$ ) and ~~Mercury fillings~~. Pockets are available in Brass and Stainless Steel, with standard connections as  $1/2$ " BSP, with other threads available on request. The straight cased V-Lines are fitted with screw-in pockets as standard. Angled V-Lines are supplied with push-on pockets as standard and tightened with grub screws.

Where possible, please order in multiples of ten.

The tables on the following pages identify the more popular product codes.

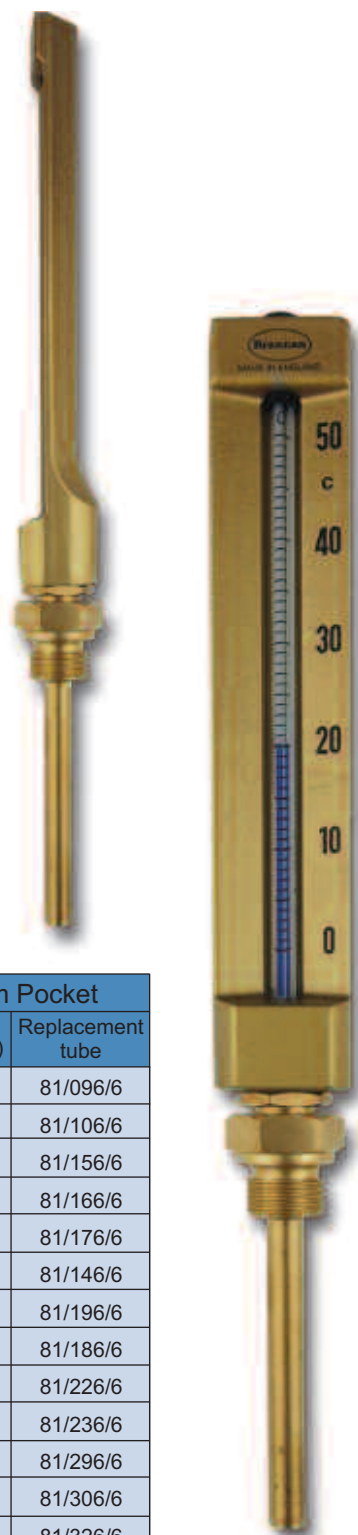


## Standard Specifications

<b>Case Size:</b>	200mm Straight
<b>Case Material:</b>	< 120°C: Polypropylene > 160°C: Painted Aluminium
<b>Glass Thermometer Filling:</b>	<del>Ranges up to 300°C: Blue Spirit</del> <del>Ranges &gt; 400°C: Mercury</del>
<b>Connection:</b>	1/2" BSP (27mm AF);
<b>Pocket Material:</b>	< 200°C: Brass > 300°C: Stainless Steel

## Options

<b>Stem Lengths:</b>	Other stem lengths available on request
<b>Pockets:</b>	NPT pockets available on request Solid pockets available on request
<b>Personalised/Branded Products:</b>	Available subject to quantity
<b>Inserts:</b>	Prismatic (lens) glass
<b>Accuracy:</b>	<del>1% of max scale value for Mercury.</del> DIN 16195 for Spirit
<b>Temperature Ranges:</b>	Other ranges outside our standards may be available upon request, subject to quantity.



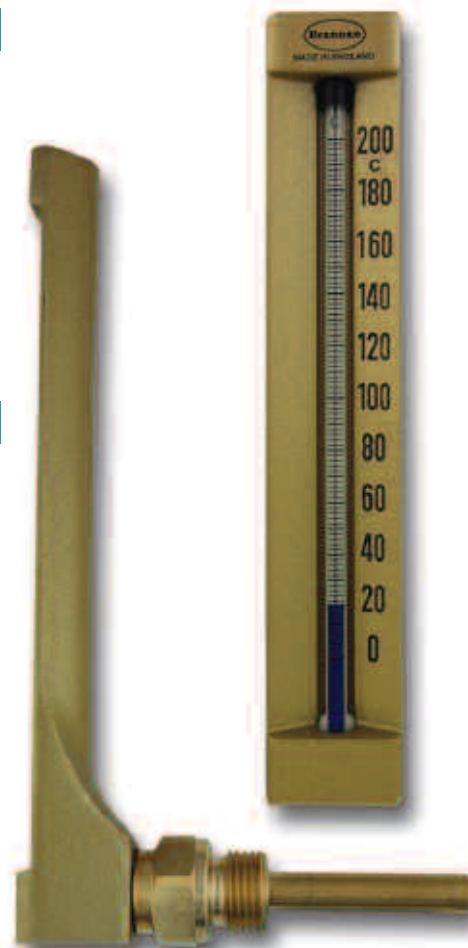
Range	Divisions	63mm Pocket		100mm Pocket		160mm Pocket	
		Complete (case & tube)	Replacement tube	Complete (case & tube)	Replacement tube	Complete (case & tube)	Replacement tube
-30 to +50°C	1C	81/093/0	81/093/6	81/095/0	81/095/6	81/096/0	81/096/6
-30 to +50°C&F	1C	81/103/0	81/103/6	81/105/0	81/105/6	81/106/0	81/106/6
0 to +50°C	1C	81/153/0	81/153/6	81/155/0	81/155/6	81/156/0	81/156/6
0 to +50°C&F	1C	81/163/0	81/163/6	81/165/0	81/165/6	81/166/0	81/166/6
0 to +60°C	1C	81/173/0	81/173/6	81/175/0	81/175/6	81/176/0	81/176/6
0 to +60°C&F	1C	81/143/0	81/143/6	81/145/0	81/145/6	81/146/0	81/146/6
0 to +100°C	1C	81/193/0	81/193/6	81/195/0	81/195/6	81/196/0	81/196/6
0 to +100°C&F	1C	81/183/0	81/183/6	81/185/0	81/185/6	81/186/0	81/186/6
0 to +120°C	1C	81/223/0	81/223/6	81/225/0	81/225/6	81/226/0	81/226/6
0 to +120°C&F	1C	81/233/0	81/233/6	81/235/0	81/235/6	81/236/0	81/236/6
0 to +160°C	2C	81/293/0	81/293/6	81/295/0	81/295/6	81/296/0	81/296/6
0 to +160°C&F	2C	81/303/0	81/303/6	81/305/0	81/305/6	81/306/0	81/306/6
0 to +200°C	2C	81/323/0	81/323/6	81/325/0	81/325/6	81/326/0	81/326/6
0 to +200°C&F	2C	81/333/0	81/333/6	81/335/0	81/335/6	81/336/0	81/336/6
0 to +300°C	2C	81/863/2	81/863/6	81/865/2	81/865/6	81/866/2	81/866/6
0 to +300°C&F	2C	81/873/2	81/873/6	81/875/2	81/875/6	81/876/2	81/876/6
<del>0 to +400°C</del>	<del>5C</del>	<del>81/903/2</del>	<del>81/903/6</del>	<del>81/905/2</del>	<del>81/905/6</del>	<del>81/906/2</del>	<del>81/906/6</del>
<del>0 to +400°C&amp;F</del>	<del>5C</del>	<del>81/883/2</del>	<del>81/883/6</del>	<del>81/885/2</del>	<del>81/885/6</del>	<del>81/886/2</del>	<del>81/886/6</del>
<del>0 to +500°C</del>	<del>5C</del>	<del>81/933/2</del>	<del>81/933/6</del>	<del>81/935/2</del>	<del>81/935/6</del>	<del>81/936/2</del>	<del>81/936/6</del>
<del>0 to +500°C&amp;F</del>	<del>5C</del>	<del>81/943/2</del>	<del>81/943/6</del>	<del>81/945/2</del>	<del>81/945/6</del>	<del>81/946/2</del>	<del>81/946/6</del>
<del>0 to +600°C</del>	<del>5C</del>	<del>81/963/0</del>	<del>81/963/6</del>	<del>81/965/0</del>	<del>81/965/6</del>	<del>81/966/0</del>	<del>81/966/6</del>
<del>0 to +600°C&amp;F</del>	<del>5C</del>	<del>81/973/0</del>	<del>81/973/6</del>	<del>81/975/0</del>	<del>81/975/6</del>	<del>81/976/0</del>	<del>81/976/6</del>

### Standard Specifications

<b>Case Size:</b>	200mm 90° Angle
<b>Case Material:</b>	< 120°C: Polypropylene > 160°C: Painted Aluminium
<b>Glass Thermometer Filling:</b>	<del>Ranges up to 300°C: Blue Spirit</del> <del>Ranges &gt; 400°C: Mercury</del>
<b>Connection:</b>	1/2" BSP (27mm AF);
<b>Pocket Material:</b>	< 200°C: Brass > 300°C: Stainless Steel

### Options

<b>Stem Lengths:</b>	Other stem lengths available on request
<b>Pockets:</b>	NPT pockets available on request Solid pockets available on request
<b>Personalised/Branded Products:</b>	Available subject to quantity
<b>Inserts:</b>	Prismatic (lens) glass
<b>Accuracy:</b>	<del>1% of max scale value for Mercury.</del> DIN 16195 for Spirit
<b>Temperature Ranges:</b>	Other ranges outside our standards may be available upon request, subject to quantity.



Range	Divisions	63mm Pocket		100mm Pocket		160mm Pocket	
		Complete (case & tube)	Replacement tube	Complete (case & tube)	Replacement tube	Complete (case & tube)	Replacement tube
-30 to +50°C	1C	82/093/0	82/093/6	82/095/0	82/095/6	82/096/0	82/096/6
-30 to +50°C&F	1C	82/103/0	82/103/6	82/105/0	82/105/6	82/106/0	82/106/6
0 to +50°C	1C	82/153/0	82/153/6	82/155/0	82/155/0	82/156/0	82/156/6
0 to +50°C&F	1C	82/163/0	82/163/6	82/165/0	82/165/0	82/166/0	82/166/6
0 to +60°C	1C	82/173/0	82/173/6	82/175/0	82/175/0	82/176/0	82/176/6
0 to +60°C&F	1C	82/143/0	82/143/6	82/145/0	82/145/0	82/146/0	82/146/6
0 to +100°C	1C	82/193/0	82/193/6	82/195/0	82/195/6	82/196/0	82/196/6
0 to +100°C&F	1C	82/183/0	82/183/6	82/185/0	82/185/6	82/186/0	82/186/6
0 to +120°C	1C	82/223/0	82/223/6	82/225/0	82/225/6	82/226/0	82/226/6
0 to +120°C&F	1C	82/233/0	82/233/6	82/235/0	82/235/6	82/236/0	82/236/6
0 to +160°C	2C	82/293/0	82/293/6	82/295/0	82/295/6	82/296/0	82/296/6
0 to +160°C&F	2C	82/303/0	82/303/6	82/305/0	82/305/6	82/306/0	82/306/6
0 to +200°C	2C	82/323/0	82/323/6	82/325/0	82/325/6	82/326/0	82/326/6
0 to +200°C&F	2C	82/333/0	82/333/6	82/335/0	82/335/6	82/336/0	82/336/6
0 to +300°C	2C	82/863/2	82/863/6	82/865/2	82/865/6	82/866/2	82/866/6
0 to +300°C&F	2C	82/873/2	82/873/6	82/875/2	82/875/6	82/876/2	82/876/6
<del>0 to +400°C</del>	<del>5C</del>	<del>82/903/2</del>	<del>82/903/6</del>	<del>82/905/2</del>	<del>82/905/6</del>	<del>82/906/2</del>	<del>82/906/6</del>
<del>0 to +400°C&amp;F</del>	<del>5C</del>	<del>82/883/2</del>	<del>82/883/6</del>	<del>82/885/2</del>	<del>82/885/6</del>	<del>82/886/2</del>	<del>82/886/6</del>
<del>0 to +500°C</del>	<del>5C</del>	<del>82/933/2</del>	<del>82/933/6</del>	<del>82/935/2</del>	<del>82/935/6</del>	<del>82/936/2</del>	<del>82/936/6</del>
<del>0 to +500°C&amp;F</del>	<del>5C</del>	<del>82/943/2</del>	<del>82/943/6</del>	<del>82/945/2</del>	<del>82/945/6</del>	<del>82/946/2</del>	<del>82/946/6</del>
0 to +600°C	5C	82/963/2	82/963/6	82/965/2	82/965/6	82/966/2	82/966/6
0 to +600°C&F	5C	82/973/2	82/973/6	82/975/2	82/975/6	82/976/2	82/976/6

## Standard Specifications

<b>Case Size:</b>	200mm 135° Angle
<b>Case Material:</b>	< 120°C: Polypropylene > 160°C: Painted Aluminium
<b>Glass Thermometer Filling:</b>	<del>Ranges up to 300°C: Blue Spirit</del> <del>Ranges &gt; 400°C: Mercury</del>
<b>Connection:</b>	1/2" BSP (27mm AF);
<b>Pocket Material:</b>	< 200°C: Brass > 300°C: Stainless Steel

## Options

<b>Stem Lengths:</b>	Other stem lengths available on request
<b>Pockets:</b>	NPT pockets available on request Solid pockets available on request
<b>Personalised/Branded Products:</b>	Available subject to quantity
<b>Inserts:</b>	Prismatic (lens) glass
<b>Accuracy:</b>	<del>1% of max scale value for Mercury.</del> DIN 16195 for Spirit
<b>Temperature Ranges:</b>	Other ranges outside our standards may be available upon request, subject to quantity.



Range	Divisions	63mm Pocket		100mm Pocket		160mm Pocket	
		Complete (case & tube)	Replacement tube	Complete (case & tube)	Replacement tube	Complete (case & tube)	Replacement tube
-30 to +50°C	1C	83/093/0	83/093/6	83/095/0	83/095/6	83/096/0	83/096/0
-30 to +50°C&F	1C	83/103/0	83/103/6	83/105/0	83/105/6	83/106/0	83/106/0
0 to +50°C	1C	83/153/0	83/153/6	-	-	-	-
0 to +50°C&F	1C	83/163/0	83/163/6	-	-	-	-
0 to +100°C	1C	83/193/0	83/193/6	-	-	-	-
0 to +100°C&F	1C	83/183/0	83/183/6	-	-	-	-
0 to +120°C	1C	83/223/0	83/223/6	83/225/0	83/225/6	83/226/0	83/226/6
0 to +120°C&F	1C	83/233/0	83/233/6	83/235/0	83/235/6	83/236/0	83/236/6
0 to +160°C	2C	83/293/0	83/293/6	83/295/0	83/295/6	83/296/0	83/296/6
0 to +160°C&F	2C	83/303/0	83/303/6	83/305/0	83/305/6	83/306/0	83/306/6
0 to +200°C	2C	83/323/0	83/323/6	83/325/0	83/325/6	83/326/0	83/326/6
0 to +200°C&F	2C	83/333/0	83/333/6	83/335/0	83/335/6	83/336/0	83/336/6
0 to +300°C	2C	83/863/2	83/863/6	-	-	-	-
0 to +300°C&F	2C	83/873/2	83/873/6	-	-	-	-
<del>0 to +400°C</del>	<del>5C</del>	<del>83/903/2</del>	<del>83/903/6</del>	-	-	-	-
<del>0 to +400°C&amp;F</del>	<del>5C</del>	<del>83/883/2</del>	<del>83/883/6</del>	-	-	-	-
<del>0 to +500°C</del>	<del>5C</del>	<del>83/933/2</del>	<del>83/933/6</del>	-	-	-	-
<del>0 to +500°C&amp;F</del>	<del>5C</del>	<del>83/943/2</del>	<del>83/943/6</del>	-	-	-	-
<del>0 to +600°C</del>	<del>5C</del>	<del>83/963/0</del>	<del>83/963/6</del>	-	-	-	-
<del>0 to +600°C&amp;F</del>	<del>5C</del>	<del>83/973/0</del>	<del>83/973/6</del>	-	-	-	-

### Standard Specifications

<b>Case Size:</b>	150mm Straight
<b>Case Material:</b>	< 120°C: Polypropylene > 160°C: Painted Aluminium
<b>Glass Thermometer Filling:</b>	<del>Ranges up to 300°C: Blue Spirit</del> <del>Ranges &gt; 400°C: Mercury</del>
<b>Connection:</b>	1/2" BSP (27mm AF);
<b>Pocket Material:</b>	< 200°C: Brass > 300°C: Stainless Steel

### Options

<b>Stem Lengths:</b>	Other stem lengths available on request
<b>Pockets:</b>	NPT pockets available on request Solid pockets available on request
<b>Personalised/Branded Products:</b>	Available subject to quantity
<b>Inserts:</b>	Prismatic (lens) glass
<b>Accuracy:</b>	<del>1% of max scale value for Mercury.</del> DIN 16195 for Spirit
<b>Temperature Ranges:</b>	Other ranges outside our standards may be available upon request, subject to quantity.



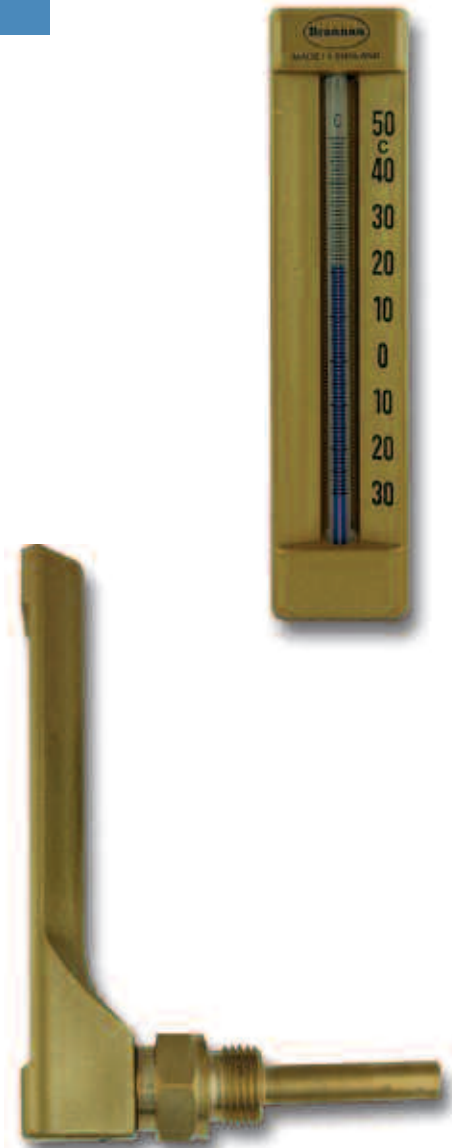
Range	Divisions	63mm Pocket		100mm Pocket		160mm Pocket	
		Complete (case & tube)	Replacement tube	Complete (case & tube)	Replacement tube	Complete (case & tube)	Replacement tube
-30 to +50°C	1C	84/093/0	84/093/6	84/095/0	84/095/6	84/096/0	84/096/6
-30 to +50°C&F	1C	84/103/0	84/103/6	84/105/0	84/105/6	84/106/0	84/106/6
0 to +60°C	1C	84/173/0	84/173/6	84/175/0	84/175/6	84/176/0	84/176/6
0 to +60°C&F	1C	84/143/0	84/143/6	84/145/0	84/145/6	84/146/0	84/146/6
0 to +100°C	2C	84/193/0	84/193/6	84/195/0	84/195/6	84/196/0	84/196/6
0 to +100°C&F	2C	84/183/0	84/183/6	84/185/0	84/185/6	84/186/0	84/186/6
0 to +120°C	2C	84/223/0	84/223/6	84/225/0	84/225/6	84/226/0	84/226/6
0 to +120°C&F	2C	84/233/0	84/233/6	84/235/0	84/235/6	84/236/0	84/236/6
0 to +160°C	2C	84/293/0	84/293/6	84/295/0	84/295/6	84/296/0	84/296/6
0 to +160°C&F	2C	84/303/0	84/303/6	84/305/0	84/305/6	84/306/0	84/306/6
0 to +200°C	2C	84/323/0	84/323/6	84/325/0	84/325/6	84/326/0	84/326/6
0 to +200°C&F	2C	84/333/0	84/333/6	84/335/0	84/335/6	84/336/0	84/336/6

## Standard Specifications

<b>Case Size:</b>	150mm 90° Angle
<b>Case Material:</b>	< 120°C: Polypropylene > 160°C: Painted Aluminium
<b>Glass Thermometer Filling:</b>	<del>Ranges up to 300°C: Blue Spirit</del> <del>Ranges &gt; 400°C: Mercury</del>
<b>Connection:</b>	1/2" BSP (27mm AF);
<b>Pocket Material:</b>	< 200°C: Brass > 300°C: Stainless Steel

## Options

<b>Stem Lengths:</b>	Other stem lengths available on request
<b>Pockets:</b>	NPT pockets available on request Solid pockets available on request
<b>Personalised/Branded Products:</b>	Available subject to quantity
<b>Inserts:</b>	Prismatic (lens) glass
<b>Accuracy:</b>	<del>1% of max scale value for Mercury.</del> DIN 16195 for Spirit
<b>Temperature Ranges:</b>	Other ranges outside our standards may be available upon request, subject to quantity.



Range	Divisions	63mm Pocket		100mm Pocket		160mm Pocket	
		Complete (case & tube)	Replacement tube	Complete (case & tube)	Replacement tube	Complete (case & tube)	Replacement tube
-30 to +50°C	1C	85/093/0	85/093/6	85/095/0	85/095/6	85/096/0	85/096/6
-30 to +50°C&F	1C	85/103/0	85/103/6	85/105/0	85/105/6	85/106/0	85/106/6
0 to +60°C	1C	85/173/0	85/173/6	85/175/0	85/175/6	85/176/0	85/176/0
0 to +60°C&F	1C	85/143/0	85/143/6	85/145/0	85/145/6	85/146/0	85/146/0
0 to +100°C	2C	85/193/0	85/193/6	85/195/0	85/195/6	85/196/0	85/196/6
0 to +100°C&F	2C	85/183/0	85/183/6	85/185/0	85/185/6	85/186/0	85/186/6
0 to +120°C	2C	85/223/0	85/223/6	85/225/0	85/225/6	85/226/0	85/226/6
0 to +120°C&F	2C	85/233/0	85/233/6	85/235/0	85/235/6	85/236/0	85/236/6
0 to +160°C	2C	85/293/0	85/293/6	85/295/0	85/295/6	85/296/0	85/296/6
0 to +160°C&F	2C	85/303/0	85/303/6	85/305/0	85/305/6	85/306/0	85/306/6
0 to +200°C	2C	85/323/0	85/323/6	85/325/0	85/325/6	85/326/0	85/326/6
0 to +200°C&F	2C	85/333/0	85/333/6	85/335/0	85/335/6	85/336/0	85/336/6

### Standard Specifications

<b>Case Size:</b>	150mm 135° Angle
<b>Case Material:</b>	< 120°C: Polypropylene > 160°C: Painted Aluminium
<b>Glass Thermometer Filling:</b>	<del>Ranges up to 300°C: Blue Spirit</del> <del>Ranges &gt; 400°C: Mercury</del>
<b>Connection:</b>	1/2" BSP (27mm AF);
<b>Pocket Material:</b>	< 200°C: Brass > 300°C: Stainless Steel

### Options

<b>Stem Lengths:</b>	Other stem lengths available on request
<b>Pockets:</b>	NPT pockets available on request Solid pockets available on request
<b>Personalised/Branded Products:</b>	Available subject to quantity
<b>Inserts:</b>	Prismatic (lens) glass
<b>Accuracy:</b>	<del>1% of max scale value for Mercury.</del> DIN 16195 for Spirit
<b>Temperature Ranges:</b>	Other ranges outside our standards may be available upon request, subject to quantity.



Range	Divisions	63mm Pocket		100mm Pocket		160mm Pocket	
		Complete (case & tube)	Replacement tube	Complete (case & tube)	Replacement tube	Complete (case & tube)	Replacement tube
-30 to +50°C	1C	86/093/0	86/093/6	86/095/0	86/095/6	86/096/0	86/096/6
-30 to +50°C&F	1C	86/103/0	86/103/6	86/105/0	86/105/6	86/106/0	86/106/6
0 to +120°C	2C	86/223/0	86/223/6	86/225/0	86/225/6	86/226/0	86/226/6
0 to +120°C&F	2C	86/233/0	86/233/6	86/235/0	86/235/6	86/236/0	86/236/6
0 to +160°C	2C	86/293/0	86/293/6	86/295/0	86/295/6	86/296/0	86/296/6
0 to +160°C&F	2C	86/303/0	86/303/6	86/305/0	86/305/6	86/306/0	86/306/6
0 to +200°C	2C	86/323/0	86/323/6	86/325/0	86/325/6	86/326/0	86/326/6
0 to +200°C&F	2C	86/333/0	86/333/6	86/335/0	86/335/6	86/336/0	86/336/6

## Standard Specifications

<b>Case Size:</b>	110mm Straight
<b>Case Material:</b>	< 120°C: Polypropylene > 160°C: Painted Aluminium
<b>Glass Thermometer Filling:</b>	<del>Ranges up to 300°C: Blue Spirit</del> <del>Ranges &gt;400°C: Mercury</del>
<b>Connection:</b>	1/2" BSP (27mm AF);
<b>Pocket Material:</b>	< 200°C: Brass > 300°C: Stainless Steel

## Options

<b>Stem Lengths:</b>	Other stem lengths available on request
<b>Pockets:</b>	NPT pockets available on request Solid pockets available on request
<b>Personalised/Branded Products:</b>	Available subject to quantity
<b>Inserts:</b>	Prismatic (lens) glass
<b>Accuracy:</b>	<del>1% of max scale value for Mercury.</del> DIN 16195 for Spirit
<b>Temperature Ranges:</b>	Other ranges outside our standards may be available upon request, subject to quantity.



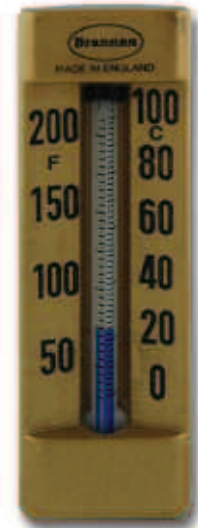
Range	Divisions	30mm Pocket		40mm Pocket		63mm Pocket	
		Complete (case & tube)	Replacement tube	Complete (case & tube)	Replacement tube	Complete (case & tube)	Replacement tube
-30 to +50°C	1C	87/090/0	87/090/6	87/091/0	87/091/6	87/093/0	87/093/6
-30 to +50°C&F	1C	87/100/0	87/100/6	87/101/0	87/101/6	87/103/0	87/103/6
0 to +60°C	1C	87/170/0	87/170/6	87/171/0	87/171/6	87/173/0	87/173/6
0 to +60°C&F	1C	87/140/0	87/140/6	87/141/0	87/141/6	87/143/0	87/143/6
0 to +100°C	2C	87/190/0	87/190/6	87/191/0	87/191/6	87/193/0	87/193/6
0 to +100°C&F	2C	87/180/0	87/180/6	87/181/0	87/181/6	87/183/0	87/183/6
0 to +120°C	2C	87/220/0	87/220/6	87/221/0	87/221/6	87/223/0	87/223/6
0 to +120°C&F	2C	87/230/0	87/230/6	87/231/0	87/231/6	87/233/0	87/233/6
Range	Divisions	100mm Pocket		160mm Pocket			
		Complete (case & tube)	Replacement tube	Complete (case & tube)	Replacement tube		
-30 to +50°C	1C	87/095/0	87/095/6	87/096/0	87/096/6		
-30 to +50°C&F	1C	87/105/0	87/105/6	87/106/0	87/106/6		
0 to +60°C	1C	87/175/0	87/175/6	87/176/0	87/176/6		
0 to +60°C&F	1C	87/145/0	87/145/6	87/146/0	87/146/6		
0 to +100°C	2C	87/195/0	87/195/6	87/196/0	87/196/6		
0 to +100°C&F	2C	87/185/0	87/185/6	87/186/0	87/186/6		
0 to +120°C	2C	87/225/0	87/225/6	87/226/0	87/226/6		
0 to +120°C&F	2C	87/235/0	87/235/6	87/236/0	87/236/6		

### Standard Specifications

<b>Case Size:</b>	110mm 90° Angle
<b>Case Material:</b>	< 120°C: Polypropylene > 160°C: Painted Aluminium
<b>Glass Thermometer Filling:</b>	<del>Ranges up to 300°C: Blue Spirit</del> <del>Ranges &gt; 400°C: Mercury</del>
<b>Connection:</b>	1/2" BSP (27mm AF);
<b>Pocket Material:</b>	< 200°C: Brass > 300°C: Stainless Steel

### Options

<b>Stem Lengths:</b>	Other stem lengths available on request
<b>Pockets:</b>	NPT pockets available on request Solid pockets available on request
<b>Personalised/Branded Products:</b>	Available subject to quantity
<b>Inserts:</b>	Prismatic (lens) glass
<b>Accuracy:</b>	<del>1% of max scale value for Mercury.</del> DIN 16195 for Spirit
<b>Temperature Ranges:</b>	Other ranges outside our standards may be available upon request, subject to quantity.



Range	Divisions	30mm Pocket		40mm Pocket		63mm Pocket	
		Complete (case & tube)	Replacement tube	Complete (case & tube)	Replacement tube	Complete (case & tube)	Replacement tube
-30 to +50°C	1C	88/090/0	88/090/6	88/091/0	88/091/6	88/093/0	88/093/6
-30 to +50°C&F	1C	88/100/0	88/100/6	88/101/0	88/101/6	88/103/0	88/103/6
0 to +60°C	1C	88/170/0	88/170/6	88/171/0	88/171/6	88/173/0	88/173/6
0 to +60°C&F	1C	88/140/0	88/140/6	88/141/0	88/141/6	88/143/0	88/143/6
0 to +100°C	2C	88/190/0	88/190/6	88/191/0	88/191/6	88/193/0	88/193/6
0 to +100°C&F	2C	88/180/0	88/180/6	88/181/0	88/181/6	88/183/0	88/183/6
0 to +120°C	2C	88/220/0	88/220/6	88/221/0	88/221/6	88/223/0	88/223/6
0 to +120°C&F	2C	88/230/0	88/230/6	88/231/0	88/231/6	88/233/0	88/233/6
Range	Divisions	100mm Pocket		160mm Pocket			
		Complete (case & tube)	Replacement tube	Complete (case & tube)	Replacement tube		
-30 to +50°C	1C	88/095/0	88/095/6	88/096/0	88/096/6		
-30 to +50°C&F	1C	88/105/0	88/105/6	88/106/0	88/106/6		
0 to +60°C	1C	88/175/0	88/175/6	88/176/0	88/176/6		
0 to +60°C&F	1C	88/145/0	88/145/6	88/146/0	88/146/6		
0 to +100°C	2C	88/195/0	88/195/6	88/196/0	88/196/6		
0 to +100°C&F	2C	88/185/0	88/185/6	88/186/0	88/186/6		
0 to +120°C	2C	88/225/0	88/225/6	88/226/0	88/226/6		
0 to +120°C&F	2C	88/235/0	88/235/6	88/236/0	88/236/6		