

# TOWELRADS ULTRA LST STANDARD



BRITISH  
MADE



Ultra LST Standard is available with a choice of internal and external thermostatic valves. These valves are unidirectional and must always be fitted to the flow side of the emitter.

### ACVK1

Lockable remote sensing with L/S



### ACVK2

Lockable internal sensing with L/S



### ACVK3

Direct Fit TRV Kit



### HARVK5

Dynamic Pressure Regulating TRV kit



Available in White RAL 9010 as standard.  
Other RAL options available.

### Vertical Options

2100 Height Lengths 400w 600w  
800w Type 20, T21 & T22

### LST Casing Options

LST Heavy Duty 2mm casing,

Towelrads have three core products in the LST Ultra range, our standard one-piece construction "LST Ultra" which is available in 1.5mm thick casing as standard and a heavy duty 2mm option for those high traffic and added durability situations.

Cost effective Low Surface Temperature solutions that take into account the latest National Care Standards, NHS Guidelines and Government Legislation which require that no hot surface exceeds 43°C.

Towelrads Ultra LST radiator covers can be manufactured from 1.5mm or 2mm thick, high quality, steel and are a one piece construction suitable for all applications. Anti Microbial paint finish is supplied as standard to ensure industry leading protection from bacteria and microbes.

## FEATURES AND BENEFITS

- The Ultra LST is available in 3 heights (500mm, 650mm and 800mm) and in eight lengths from 600mm to 2000mm wide, with the option of a plinth and a choice of TRVs.
- Internal Standard compact radiator EN442 certified including wall brackets.
- Two stage installation process meaning emitters can be initially installed and covers delivered to site only when required for second fix, reducing any storage on site and eliminating risk of damage.
- Casings can be retro fitted to existing radiator installations if necessary.
- New wipe clean case design with no sharp edges and rounded corners.
- RAL 9010 robust 1.5mm single piece powder coated casing included with an antimicrobial coating ensuring industry leading protection from bacteria and microbes.
- Surface temperature below 43°C at Dt50 80°C/60°C/20°C or 75°C/65°C/20°C.
- Universal internal capillary TRV capability.
- No need for a plinth as the casing is fitted flush to the floor. Above skirting casings and plinth options are available if required.
- One Single casing depth 130mm suits both T11 and T22 radiator types.
- Outputs certified and CE marked to EN442, independently tested by EN442 accredited test laboratory.
- High pressure capability 10 bar working pressure.
- 5 year warranty on casing and 10 year warranty on the emitter.
- All casings UK manufactured.

## ULTRA LST COLLECTION

T11

Product Code	Casing Height	Casing Length	Emitter Height	Emitter Length	T50k watts	BTU T50
660000	500	600	300	400	187	638
660001		800	300	600	281	959
660002		1000	300	800	374	1276
660003		1200	300	1000	468	1597
660004		1400	300	1200	562	1918
660005		1600	300	1400	655	2235
660006		1800	300	1600	749	2556
660007		2000	300	1800	842	2875
660073	650	600	500	400	293	998
660074		800	500	600	439	1498
660075		1000	500	800	584	1993
660076		1200	500	1000	731	2495
660077		1400	500	1200	878	2996
660078		1600	500	1400	1028	3508
660079		1800	500	1600	1178	4020
660080		2000	500	1800	1398	4770
660081	800	600	600	400	363	1239
660082		800	600	600	545	1860
660083		1000	600	800	727	2480
660084		1200	600	1000	910	3105
660085		1400	600	1200	1093	3729
660086		1600	600	1400	1274	4347
660087		1800	600	1600	1458	4977
660088		2000	600	1800	1639	5593

Internal Sensing Valve Kit 15mm inc Lockshield	ACVK2
2m Capillary Valve Kit 15mm Inc Lockshield	ACVK1
Direct Fit TRV Kit	ACVK3
Self regulating dynamic TRV set	HARVK5

T22

Product Code	Casing Height	Casing Length	Emitter Height	Emitter Length	T50k watts	BTU T50
660024	500	600	300	400	346	1180
660025		800	300	600	520	1775
660026		1000	300	800	693	2365
660027		1200	300	1000	867	2965
660028		1400	300	1200	1039	3545
660029		1600	300	1400	1211	4132
660030		1800	300	1600	1387	4733
660031		2000	300	1800	1560	5323
660089	650	600	500	400	485	1655
660090		800	500	600	723	2469
660091		1000	500	800	964	3290
660092		1200	500	1000	1208	4122
660093		1400	500	1200	1445	4931
660094		1600	500	1400	1690	5766
660095		1800	500	1600	1988	6783
660096		2000	500	1800	2202	7513
660097	800	600	600	400	611	2085
660098		800	600	600	919	3136
660099		1000	600	800	1226	4183
660100		1200	600	1000	1533	5231
660101		1400	600	1200	1839	6275
660102		1600	600	1400	2148	7329
660103		1800	600	1600	2453	8370
660104		2000	600	1800	2761	9421

LST ULTRA VERTICAL – 2MM CASE THICKNESS

Casing Height	Casing Depth	Casing Length	Emitter Height	Emitter Length	Tapping Centre	DT50k T20 watts	DT50k T21 watts	DT50k T22watts
2100	162	400	1800	300	240	811	964	1162
		500		400	340	1081	1285	1550
		600		500	440	1351	1607	1937
		700		600	540	1622	1928	2324
		800		700	640	1892	2249	2712

TECHNICAL DIAGRAMS

Dimensional information

Features Emitter, Cover and Optional Plinth

Ultra LST 130mm depth case

Heat Emitter length = Case L- 200mm

