

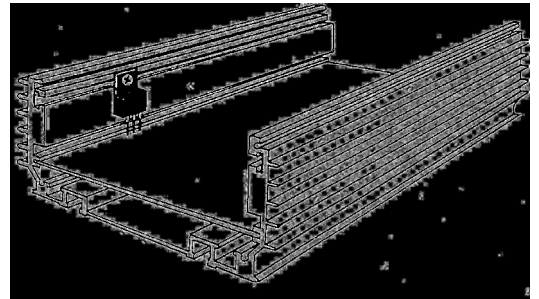
# Lawtronics Heatsink Case Kits

These extruded aluminium channels are designed to be used as robust, low impedance, electronics enclosures, but can also be used as free-standing heatsink. Three different extrusions are available, providing a range of sizes and styles. The standard heatsink (HSK) is designed to form an 83mm high enclosure capable of housing a 100VA toroidal transformer. A similar low profile heatsink (LHSK) forms an enclosure 56mm high. The rugged single channel heatsink (RHSK), which is 83mm high, will accommodate a 160VA toroid.

## Models HSK160 and HSK220

### Standard Heatsink Case Kit (HSK)

A free-standing or 3U rack mount enclosure is achieved by combining two interlocking channels with end panels. Eurocard circuit boards can slide into internal card guides enabling power devices to be attached to the heatsink section of the vertical wall with an M3 screw and half nut. There is no need for drilling. Two boards can be mounted within the enclosure, and a standard spacer can be used to support heavy components.



- Interlocking channels give easy access to pcb components
- Low thermal impedance heatsink
- Suitable as heat sink enclosure or as 3U rack plug in unit
- Accepts Eurocard boards (100 x 160mm or 100 x 220mm)
- Simple fitting of power devices (M3 x 7 screw and half nut)
- Enclosure gives RFI protection
- Accommodates toroidal transformer rated up to 100VA
- Internal & external M4 nut "T" slots

#### HSK Specification

Extrusion: HE9TF aluminium. Black anodised.  
 Standard Length 160 or 220mm  
 Normal wall thickness 2mm; thickness adjacent to power devices 7mm

End Panels: HE9TF aluminium. Black anodised.  
 1.6mm with four mounting holes

Standard 160mm and 220mm Heatsink Case Kits					
Consists of:		Two extrusion channels		Two end panels with fixing holes	
		Eight No4 6mm black self tap screws		Four self adhesive feet	
<u>Part No.</u>	<u>Length</u>	<u>Impedance °C/W</u>	<u>Finish</u>	<u>Mass</u>	
HSK160	160mm	2.0	Black	0.8kg	
HSK220	220mm	1.8	Black	1.0kg	

