

# Carbon Footprint Report

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<b>Product name:</b>	MULTICAL <sup>®</sup> 402
<b>Application:</b>	Heat Meter
<b>Producer:</b>	Kamstrup A/S Industrivej 28, Stilling DK-8660 Skanderborg Denmark
<b>Scope of Carbon Footprint:</b>	One MULTICAL <sup>®</sup> 402, including packing material – from the raw materials phase – to the end of life and disposal phase - after 12 years of operation - 500 Km transportation from production site.
<b>Method:</b>	Calculation tool: SimaPro v.7.2 Data base: Ecoinvent Data v.2.0 Calculation method: Stepwise 2006 v.1.2  Note: The method complies with the principles outlined in ISO 14040/44
<b>Definition:</b>	The Carbon Footprint for a product is the value of CO2 equivalents expressed in ton, that the product causes in its entire life cycle.
<b>Carbon Footprint:</b>	0,03 ton CO2 equ. (MULTICAL <sup>®</sup> 402, G <sup>3</sup> / <sub>4</sub> " x 110 mm, Alpha brass, 1,5 m sensor cable)  0,08 ton CO2 equ. (MULTICAL <sup>®</sup> 402, DN50 x 270 mm, Stainless steel W 1.408, 10 m sensor cable)  Carbon Footprint for other sizes of Multical 402 and cable lengths can be calculated upon request.
<b>Assumptions:</b>	<i>General:</i> - Transport distances from outside Denmark are calculated from capitals - Gaskets, labels and plastic bags are not included in calculation  <i>Data base:</i> Due to limitations in the Ecoinvent database, the following assumptions were made for the inputs to the calculation: - Polycarbonate instead of Polyethersulphone - Disposal of regular batteries instead of Lithium batteries - Recycling of iron instead of brass and steel
<b>Further questions:</b>	Contact Kamstrups Quality & Environmental department <b>Telephone:</b> +45 89 93 10 00 <b>Telefax:</b> +45 89 93 10 01