

TCS Micro Ltd - Heat Exchangers Data Sheet

All data obtained using DI Water @ 20C

LIQUID/AIR HEAT EXCHANGERS "RADIATORS"

	Radiator (Part no.)	Size (mm)	Weight (g)	Cooling Element Size (mm)	Cooling Elements (Qty)	Radiator Material	Tubing Connector Material	Tubing Connector Type/Size	Temperature Range [C]	Max Pressure (Bar)
TCS	TCS-124	25x43x9	14	25x9x0.4	24	Aluminium alloy	Stainless Steel 316	Barbed/For push fit of 2.4mm bore flexible tubing	-20 to 120	1.0
RS	476 836	25x43x9	14	25x9x0.4	24	Aluminium alloy	Stainless Steel 316	Barbed/For push fit of 2.4mm bore flexible tubing	-20 to 120	1.0
TCS	TCS-330	77x50x9	42	25x9x0.4	90	Aluminium alloy	Stainless Steel 316	Barbed/For push fit of 3.2mm bore flexible tubing	-20 to 120	1.0
RS	476 832	77x50x9	42	25x9x0.4	90	Aluminium alloy	Stainless Steel 316	Barbed/For push fit of 3.2mm bore flexible tubing	-20 to 120	1.0

Materials

Cooling elements : Aluminium - bead blasted for increased surface area

Headers : Anodised aluminium alloy

Tubing Connectors : Stainless Steel (316)

Circuit Filling Kits are available from RS Cat no 480 166.

RS Coolant, RS Cat no 480 172 is a high efficiency, water based coolant, specially developed to work with RS Miniature Cooling Systems