

ORCA, Closed loop refrigerated circulator

DESCRIPTION

A new sustainability focused, energy-efficient recirculating chiller designed to replace tap-water-based cooling in laboratories.

Key Features

- Perfectly designed to replace tap water-based cooling solutions in labs and slash utility spend
- Energy efficient, adaptive cooling – cooling power adapts to varying heat load conditions across a range of -10 to 40°C
- Easy to use and intuitive interface. No training required
- System exhausts less heat to the room, reducing demand on HVAC
- Effective cooling control with excellent stability of $\pm 0.1^{\circ}\text{C}$
- Easy integration - compact design with a range of accessory connectors and hosing kits
- Peace of mind - 3-year warranty and high quality, manufactured in the UK
- Very quiet 49dB operation
- New modern, eye-catching design to stand out in labs
- UK designed and manufactured to the highest specifications

Applications

- Ideal for reaction chemistry, condensers, reflux, solvent extraction and Soxhlet systems
- Replaces high-cost tap-water cooling with closed-loop
- Cooling for analytical instruments, biological workflows, optics and general temperature control
- Temperature control of bioreactors and fermentation vessels
- Great for facilities aiming to cut water use and meet sustainability standards such as LEAF



CAT. NUMBER

ORCA EU

230VAC 50/60Hz Euro plug



HOSE10
HOSE10

10mm hose kit for the ORCA

Includes 2x 2m hose (ID 10mm, 14.5mm OD), 2x 2m insulation, 4x hose clips and 2x hose barbs (2x 1/2" male to 10mm barb (1/2" to 3/8"))



HOSE13
HOSE13

13mm hose kit for the ORCA

Includes 2x 2m hose (ID 13mm, 19mm OD), 2x 2m insulation, 4x hose clips and 2x hose barbs (2x 1/2" male to 13mm barb (1/2"))



C1-2M-10
C1-2M-10

1/2" male to 10mm OD push fit

2x 1/2" male to 10mm OD push fit for semi rigid tubing



C1-2M-12
C1-2M-12

1/2" male to 12mm OD push fit

2x 1/2" male to 12mm OD push fit for semi rigid tubing



SC1-2M-10
SC1-2M-10

1/2" male to 10mm OD push fit

2x 1/2" male to 10mm OD with 90° swivel elbow push fit for semi rigid tubing



SC1-2M-12
SC1-2M-12

1/2" male to 12mm OD push fit

2x 1/2" male to 12mm OD with 90° swivel elbow push fit for semi rigid tubing



S1-2M-M161C
S1-2M-M161C

1/2" BSP male to M16-1 male (cone)

2x Connector to attach to free fitting, cone tipped hosing 1/2" BSP male to M16-1 male (cone)