



42x18 Insulated Indirect Vented Copper Cylinder

General data:

- Open Expansion Indirect Cylinder
- Designed and Manufactured to BS 1566 Part L
- Produced in house under ISO 9001:2015 quality program
- Internally mounted high heat exchange copper tube

Technical Data:

- Capacity: 140 litres
- Tank manufactured from: Copper BS2870 C106
- Material: Grade 3
- Heat Loss: 1.54 kW/24hrs
- ERP Rating C

Insulation:

- Rigid Polyurethane High Density
- Maximum standing heat loss: 0.8 W/litre (as per Part L Regulations)
- Thermal conductivity: $\lambda = 0.038 \text{ W/mK}$
- Fire resistance B1 according to DIN 4102

Dimensions:

- Height x diameter without insulation: 1050 x 450 mm
- Tilted dimension: 1140 mm

Performance:

- Recovery time: 10°C to 65°C in 1 hour with a boiler water temperature of 80°C

Open vent copper cylinders do not require maintenance but an annual visual inspection is advised.