

# EnergoAqua Eco

Water Supplied Radiant Heating



Use the EnergoAqua Eco Radiant Panels for a trouble and maintenance free heating system, offering minimal running costs and an even and comfortable indoor climate. The EnergoAqua Eco is a highly developed product, designed to be economical, safe and comfortable.

EnergoAqua Eco is ideal for use in manufacturing facilities, warehouses, sport and tennis halls or similar applications and is equally suitable for new-builds and refurbishments.

## Composition

EnergAqua Eco, EAE, consists of three parts, the reflective plate, water carrying pipes and insulation. CE marked and manufactured in accordance with EN 14037.

The panel comprises of a special profile 0.6 mm metal sheet pressed into the optimal shape, 40 mm thick mineral wool topped with aluminium foil and ½" or ¾" steel pipes. Maximum working pressure 6 Bar.

## Design and Function

The surface plate encapsulates the steel pipes maximising the contact surface leading to a highly efficient radiant panel.

The warm water which circulates through the pipes conducts heat to the surface plate, warming the underside of the panel. The increased temperature of the panel enables radiant heat being emitted to cooler surfaces in the room.

## Technical Specification

**Width:** EAE is available in eight different widths from 300 mm to 1200 mm.

**Length:** EAE is available in two lengths, 4 m or 6 m. Several panels can be inter-connected to a maximum length of 80 m.

**Connections:** Panel connections are made via headers, female threaded  $\varnothing$  1" or 1½".

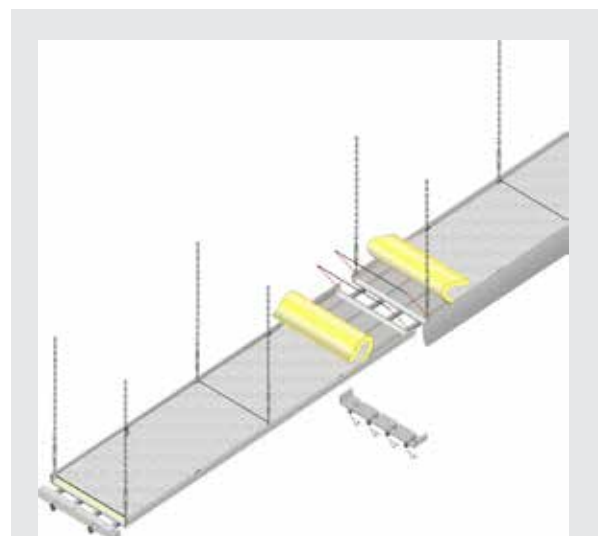
**Inter-connections:** A panel run, longer than 6 m, can be made by combining a connection panel and an end panel together with a number of intermediate panels. All panels are jointed by using press-fittings or compression couplings. The panels can also be jointed by welding as option.

**Suspension:** EAE should be installed free hanging from the ceiling using optional suspension systems.

*Further information regarding capacities, pressure drops, flow rates and connection options along with accessories and controls can be obtained from our technical brochure.*



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### Quick Facts

Heat output:	Up to 721 W/linear meter
Lengths:	4000 mm or 6000 mm
Widths:	From 300 mm to 1200 mm
Installation height:	Up to 30 m
Finish, colour:	RAL9016 (White)
Weight/m excl water:	From 4.7 kg to 25.5 kg
Weight/m incl water:	From 5.23 kg to 29.41 kg

# ENERGOTECH