Hydronic floor heating

Heat pumps are an eco-friendly and cost effective option for hydronic heating. The Intabloc inverter heat pump is suitable for floor heating, radiators and combined domestic hot water systems.

Used in both residential and large commercial projects, heat pump hydronic heating is suitable for areas typically 100 m² plus.

HEAT PUMP TECHNOLOGY

The Intabloc air to water heat pump range is reverse cycle and can draw heat or cool from the outside air and transfers that into the water. Heat pumps can be combined with PV solar electricity and are available from 8kW up to 35kW units.

HEAT OUTPUT

The Intabloc heat pumps series has a high A++ energy efficiency rating and COP of 300% +.

INSTALLATION

Standard heat pump installations require a heat pump, low loss header, expansion tank and manifold. Rehau pipe is installed in the floor and connected to one or multiple manifolds.

Generally, projects have one manifold per storey with each manifold holding multiple zones. All manifolds lead back to a heat pump unit which is defined by the size of your heated floor area.

FLOOR COVERINGS

Hydronic floor heating can be installed:
in slab
in screed
under timber

For more technical details on our Heat Pump units visit; www.intaflo.com

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