hydronic floor heating heat pump chiller

Heat Pump is an eco friendly and cost effective option for hydronic floor heating. Heat Pumps are designed to be installed outdoors and are perfect for both residential and large commercial projects.

Hydronic heating is better suited for larger heated areas, typically 100 m²+.

HEAT PUMP TECHNOLOGY

The Intaflo heat pump chiller draws heat from the air and transfers it to water. Included is an inbuilt anti-frosting function, LCD temperature regulator, water pump and expansion tank.

Available from 11kW to 85kW, these units are capable of heating floor areas of 80m2 and up.

INSTALLATION

Standard heat pump installations require a heat pump unit, low loss header, expansion tank and manifold. Floor heating 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 under floor heating can be installed;
in slab
in screed
under timber

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

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