



# Quality Hydronic Heating Equipment











# Why HydroHeat?

**HydroHeat are the premier hydronic heating equipment supplier in Australia, stocking the best European brands under one roof**

HydroHeat specialise only in hydronic heating equipment. Nothing else. This single minded expertise is what sets us apart and enables us to provide expert system and installation advice, as well as sourcing the best equipment from quality European manufacturers.

HydroHeat hold the exclusive Australian agencies for BAXI boilers, HENRAD radiators, EMMETI pipe & floor heating systems and AQUASYSTEM expansion tanks. All other facets of hydronic heating are also covered with a range including Imas towel warmers and Isan trench heating, Giacomini radiator valves and manifolds, Officine Rigamonti system accessories and Grundfos pumps.

HydroHeat's expertise is backed up with manufacturers warranties and technical support, as well as in house product training for contractors.

The HydroHeat mission is to offer products with the greatest efficiency and build quality, provide expert advice and product knowledge for trade professionals, as well as architects and consulting engineers. Ultimately, to provide the best possible heating solution for the end user.

**World leading products in all hydronic heating categories**



# Dedicated Expertise in Sustainable, Energy Efficient Hydronic Heating



Complete Commercial Hydronic Heating Systems

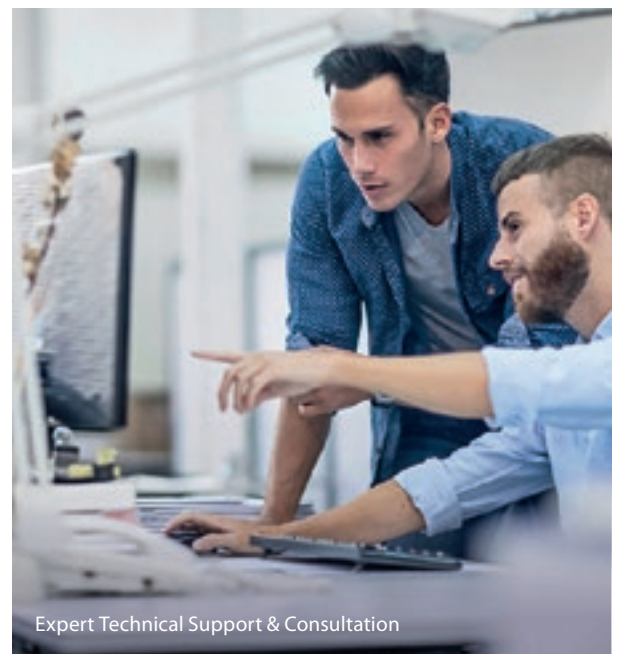
As dedicated hydronic heating experts for over 30 years HydroHeat only source products of the highest build quality and greatest energy efficiency from the best European manufacturers in each category. This ensures sustainable, energy efficient hydronic heating systems with longevity and low maintenance.

## Expert Technical Support

**Not just products. HydroHeat's expertise and support is what sets us apart**

Our teams extensive experience and knowledge base is honed from years of project experience and we can expertly advise on complex hydronic systems for commercial and residential applications. Close partnerships with key suppliers ensures our technical expertise across the ranges and enables us to provide effective specification & installation advice including schematic system diagrams as well as after sales support. This expertise is what sets HydroHeat apart.

- › CAD Drawings & schematic system diagrams
- › System specification and configuration advice
- › On site installation advice
- › After sales support



Expert Technical Support & Consultation





HydroHeat Knows Hydronic Heating



Over 10,000 Hydronic Heating Products & Spare Parts in Stock

## Spare Parts & Warranty

**Spare parts availability is critical for avoiding costly downtime. HydroHeat stock a vast selection of spare parts backed up with manufacturers warranties**

You can be safe in the knowledge that the dependability and global distribution of brands such as BAXI ensures spare parts are readily available and easy to obtain. World renown suppliers who are active in most major global markets ensures local support here in Australia.

HydroHeat is committed to stocking extensive spare parts including providing ten years spare parts support after a model is superseded. This dependability is crucial when choosing components for a hydronic system so you can be safe in the knowledge that ongoing parts and manufacturers warranty support is locally at hand.

- › Over 10,000 products and spare parts in stock
- › 10 years support for superceded models

## Contractor Training

**In-house training providing contractors hands on BAXI boiler experience and hydronic system installation and trouble shooting**

Training is conducted at our Melbourne office and is free to trade installers and industry professionals. Installation and troubleshooting is covered with Q&A sessions to stay up to speed with hydronic heating technology trends. Places are limited to ensure quality training. Group Bookings and customised training available on request.

- › Limited to small groups for personalised training
- › Customised training sessions available on request



In-house Training



# BAXI Commercial Boilers

**Wall hung and floor mounted commercial boilers using cutting edge gas condensing technology to maximise efficiency and extend lifespan**

BAXI Duo-Tec MP+ and BAXI Power HT+ condensing boilers operate at up to 105% efficiency, reusing waste flue gases and reducing noxious waste. Modular cascade installation up to 16 boilers (2400kW) saves operating costs by spreading the heat load requirement to only the boilers needed, and provides part load redundancy by taking boilers offline without shutting down the entire plant.

## BAXI Duo-Tec MP+



- › Type A appliance AGA approvals for NG, LPG
- › Available in 35, 50, 60, 70, 90, 110, 130 & 150kW
- › Indoor / Outdoor models, compact wall hung
- › 105.5% Efficiency at 50/30°C
- › Condensing burner reduces noxious NOx, CO waste gases
- › Cascade install up to 16 boilers (16 x 150 = 2400kW)
- › Room sealed against poor or corrosive air quality
- › 316 S/Steel Heat Exchanger
- › 2 yr boiler and parts, 5 yr heat exchanger warranty

## BAXI Power HT+

**NEW**



- › Type A appliance AGA approvals for NG, LPG
- › Available in 50, 70, 90, 110, 130 & 150kW
- › Indoor / Outdoor models, floor standing
- › 105.5% Efficiency at 50/30°C
- › Condensing burner reduces noxious NOx, CO waste gases
- › Cascade install up to 16 boilers (16 x 150 = 2400kW)
- › Room sealed against poor or corrosive air quality
- › 316 S/Steel Heat Exchanger
- › 2 yr boiler and parts, 5 yr heat exchanger warranty

## Boiler Accessories

From stainless steel flue systems, relay boxes and hydropak kits to dual temperature zone management. HydroHeat boiler accessories integrate seamlessly with boilers so all components function as one system.



▲ Flue Systems



▲ Zone Management



▲ Relay Boxes



▲ HydroPak Kits





# BAXI Residential Boilers

**Wall mounted residential hydronic boilers providing energy efficient and economical home heating in a compact size**

BAXI residential boilers are available in both heating only, and Combi models supplying heating and domestic hot water (DHW). The BAXI Luna3 Comfort conventional type boiler offers European quality in a compact, easy to install unit and the BAXI Luna Duo-Tec E condensing type boiler is ideal for high demand residential use, with a 1:7 modulation turn down adjusting heat output to load demand and further reduce operating costs.

## BAXI Luna3 Comfort



- › Type A appliance AGA approvals for NG, LPG
- › Heating only 25 and 31kW  
Combi DHW 31kW
- › Conventional type boiler ideal for small households
- › Indoor / Outdoor models  
Compact wall hung
- › Easy to install and service
- › Removable remote control, easy adjust settings
- › S/Steel burner, S/Steel heat exchanger combi model
- › 1 yr boiler and parts, 5 yr heat exchanger warranty

## BAXI Duo-Tec E

**NEW**



- › Type A appliance AGA approvals for NG, LPG
- › Heating only 12, 24, 28, 32kW  
Combi DHW 24, 28, 33, 40kW
- › Condensing type boiler efficiency for high demand
- › Indoor / Outdoor models  
Compact wall hung
- › Gas adaptive auto adjusts to NG / LPG supply
- › 1:7 modulation turn down ratio
- › S/Steel burner, S/Steel heat exchanger
- › 2 yr boiler and parts, 5 yr heat exchanger warranty

## BAXI World Leading Boilers in Australia

BAXI are one of the largest manufacturers of heating boilers in Europe with over 700 employees producing approximately 500,000 boilers per year, with distribution to over 82 countries globally. BAXI have a proud history dating back 150 years and are now part of the BDR Thermea group of companies which has an annual turnover exceeding 1.7€ billion. HydroHeat Supplies are the BAXI Australian agent and distributor, proudly supplying world leading BAXI boilers to the Australian market.





# Radiators, Towel Warmers & Trench Heating

**Henrad panel radiators, IMAS towel warmers and ISAN trench heaters deliver energy efficient, effective space heating via rapid thermal heat radiation**

Henrad is amongst the biggest radiator brands in Europe, producing premium radiators made with hi-grade anti-corrosive steel and supplied with 25 year warranties. Temperature can be individually adjusted for each room. No fan forced airborne dust particles or allergens, no naked flames or fumes, just clean, green, radiant heat. IMAS towel warmers and ISAN trench heaters complete the range for a complete radiator heating solution.

**HENRAD**

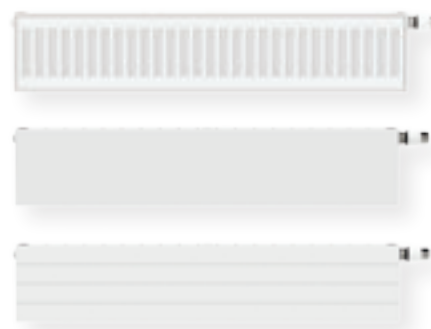
**ISAN** **IMAS**



▲ Henrad Panel Compact, ECO Premium, Plan & Line



▲ Henrad Alto Vertical Compact, Plan & Line



▲ Henrad Plinth Compact, Plan & Line



▲ Special Order Designer Radiators, Custom Colour Coating Available



▲ Henrad Oceanus Powder Coated & IMAS San Remo Chrome Plated Towel Warmers



▲ ISAN Termo Trench Convector 24V DC Low Voltage





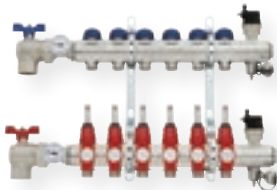
# Floor Heating Systems

Emmeti floor heating systems for wet In-Slab and In-Screed as well as Dry Floor installation under floating floors. Floor panels, manifolds, floor coil piping, pipe fittings and installation accessories

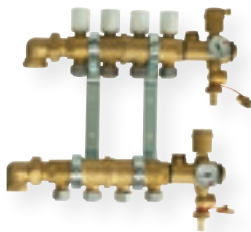
Floor heating is an effective way to minimise thermal heat loss by heating the footprint of an area with invisible, radiant heat from the ground up. Emmeti castellated panels and dry floor panel systems, robust and reliable Emmeti piping, bar manifolds, mixing manifolds and Giacomini modular manifolds. Gerpex multi layered aluminium core piping and PE-Xa floor coil piping, Gerpex pipe fitting accessories and installation tools provide a total floor heating solution.



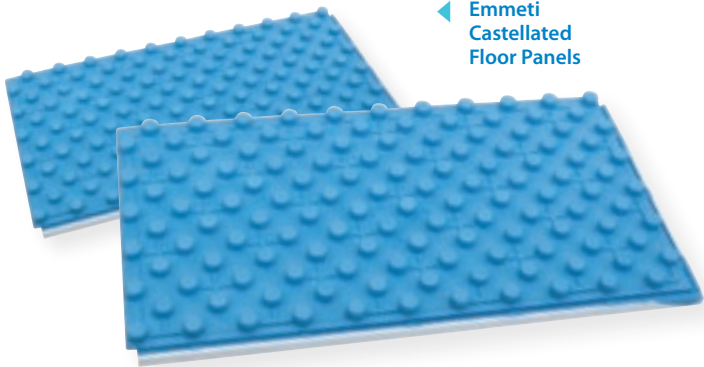
◀ Emmeti TM3 Mixing Manifolds



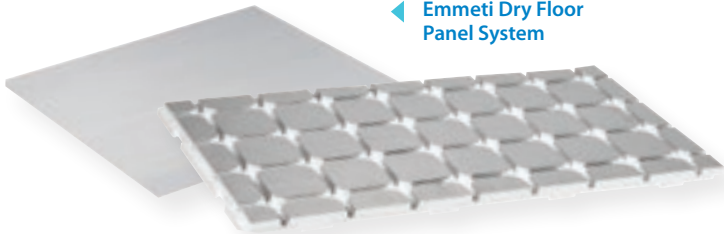
◀ Emmeti TM2 Top Way Bar Manifolds



◀ Giacomini Modular Brass Manifolds



◀ Emmeti Castellated Floor Panels



◀ Emmeti Dry Floor Panel System



▲ PE-Xa Plastic Barrier Pipe 17mm



▲ Gerpex Multilayer Pipe Aluminium Core 16mm

### Pipe Fittings & Accessories

▲ Gerpex Pipe Fittings

▲ Floor Coil Dispenser

▲ Winkler Floor Pipe Fastening System

# Boiler & Radiator Valves

## Zetco, Officine Rigamonti, Giacomini and Emmeti ranges of Radiator and Boiler Valves and Accessories

Zetco brass series ball valves for boilers, Officine Rigamonti solid brass valves and accessories for boilers, Emmeti Poker Thermostatic Radiator Heads & Valve Sets for radiators, and Giacomini Valve sets and Accessories for Radiators. Air eliminators and fire protection equipment also available.



▲ Zetco Series 1330 Brass Ball Valves



▲ Emmeti Poker Heads & Valve Sets



▲ Giacomini Valves & Accessories



▲ Officine Rigamonti Valves & Accessories

# Circulating Pumps

## Denmark based Grundfos is a global leader in circulation pumps, known for their reliability, power and quality

Grundfos offer a range of 230V pumps suitable for domestic and commercial applications of all types. HydroHeat stock a range of domestic circulating pumps at all times - other pumps are ordered as per requirements up to 60kW and max pressure 10 bar.



▲ Grundfos UPS 25-60 130mm



▲ Grundfos UPS 20 130mm

# Expansion Tanks

## Expansion tanks for Hydronic systems by specialist diaphragm tank manufacturers Aquasystem in Italy

Aquasystem high quality expansion vessels are tested and approved to strict European Standards. Available in VR / VRV Series rated to 8 bar (8 - 600ltrs) and high pressure AR / AVR PLUS rated to 10 bar (8 - 500 ltrs). HydroPak fill kit also available with integral fill valve, pressure relief valve and circulating pump, pre-assembled on a brass air separator.



▲ VR / VRV Series Rated 8 bar



▲ AR / AVR-PLUS Series Rated 10 bar



# Fluid Management

## Isolate and eliminate impurities in hydronic systems with effective Hydronic Fluid Management

Full range of hydronic fluid management accessories for water based heating systems including dosing pots, corrosion inhibitor, condensate neutralising filters and tanks for small and large systems with neutraliser refill granules, deaerators and air dirt separators with magnetic filtration.



▲ Giacomini Air/Dirt Separators



▲ BAXI Corrosion Inhibitor



▲ Residential Neutraliser Filter



▲ Dosing Pots for Closed Systems



▲ Condensate Neutralising Tanks for Systems up to 1200kW

# Backflow Prevention

## Backflow prevention can be a big problem if not properly catered for in a hydronic heating system

HydroHeat stock Apollo backflow prevention valves and dual check valves, as well as our own HydroHeat manufactured Auto Pressurisation Unit (APU) air break tank. These components effectively separate and prevent backflow from recirculating system flow back into the mains water supply as required by legislation.



▲ Apollo Backflow Prevention Valves



▲ Hydrofill Automatic Pressurisation Unit

# Thermostats & Controls

## Honeywell, Rialto, and Siemens thermostats and controls to operate hydronic heating systems

Whether it's a simple on/off manual control, an integrated Wi-Fi system with remote access via smart phone, or cascade controllers for commercial systems, HydroHeat has a solution to suit any usage requirements. Room thermostats control heating levels by maintaining preset temperatures in different areas.



▲ Rialto Wifi Thermostat



▲ Siemens Thermostats & Controls

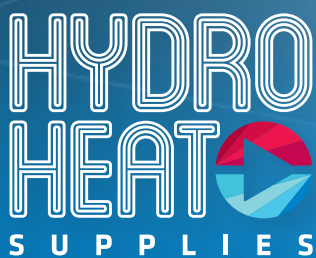


▲ Honeywell Wi-Fi Thermostat 9000



▲ Siemens RVA47 Cascade Controller





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