



YATES GROUP HEATING PRODUCTS

YATES GROUP HEATING PRODUCTS Complete Product Range

2021



INTRODUCTION

Our goal at Yates Group Heating Products has never been simply to deliver a product, but to exceed the expectations of our customer regarding the quality of our products and the services we provide.

Our growth during the past 3 years has seen YGHP become a market leading heat interface unit provider across the UK. Our HIU is rigorously tested during production at our ISO 9001:2013 accredited factory. The YGHP range of HIU's are also WRAS approved. You can rest assured that the HIU we provide is of the highest standard and is fit to deliver to your exact needs. The YGHP HIU is also BESA tested against the nationally recognised BESA test regime for HIU's. Our simple design along with our quality components from some of the markets most recognisable manufacturers such as, WILO CIMM and SWEP ensure that our Heat Interface Unit delivers.

Our team of professionals possess a can-do attitude and make it their utmost priority to ensure we deliver a first-class service. Our unmatched attention to detail, willingness to work alongside our customer and to deliver the highest calibre products keep our customers happy.

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HEAT INTERFACE UNITS



Features

- 
EPP Cover
- 
WRAS Approved
- 29**
Low VWART
- 
Low Energy Usage
- 
BESA Registered
- 
Warranty
- 3s**
DHW Response
- 
Heat Pump Ready
- 
CIBSE CP1.2



YGHP INDIRECT HEAT INTERFACE UNIT

EPP THERMAL CASING

YGHP heating interface units come equipped with state of the art thermal casing made from EPP or Expanded polypropylene. This ensures that the unit is reaching its maximum thermal potential and reducing heat-loss to a minimum. The extremely pliant material allows it to be moulded to all YGHP units at all capacities.

The YGHP units are also equipped with insulated pipework made from the same EPP material as the casing meaning the entire YGHP unit is built to reduce heat loss and perform at maximum efficiency.



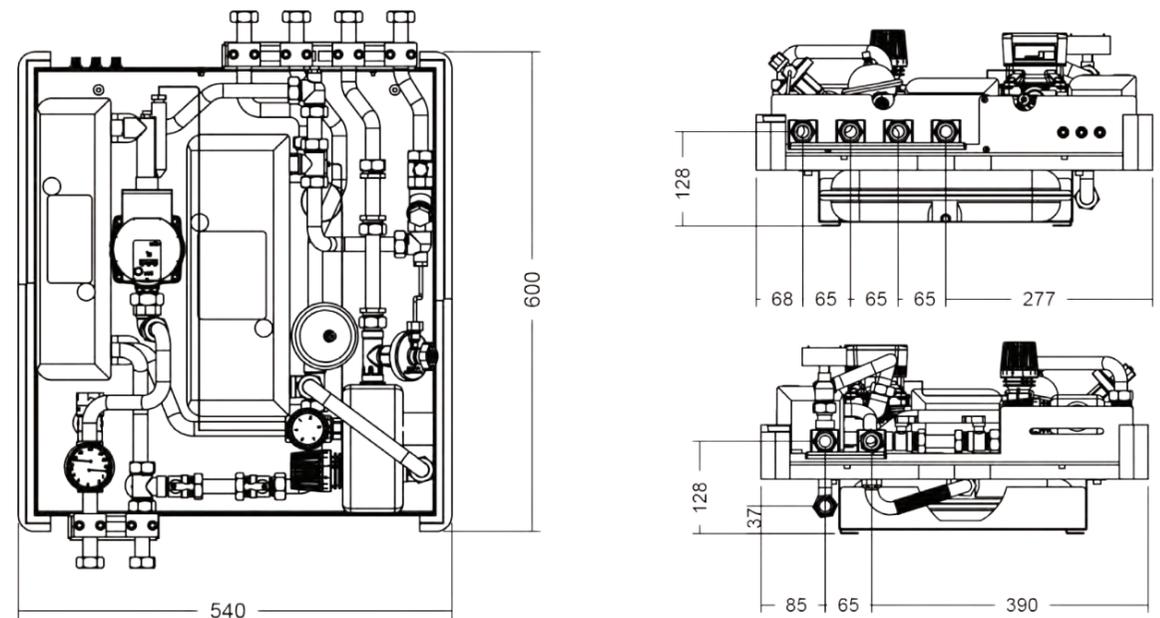
YGHP Flagship Model

The YGHP indirect HIU offers high performance and longevity. Being the most versatile heat interface unit, the indirect brings a complete source of reliability and sustainability. Consisting of leading components, the YGHP indirect HIU is built to deliver optimal results.

Capacities	
Capacity 1	DHW: Up to 35kW
Capacity 2	DHW: Up to 65kW
Capacity 3	DHW: Up to 85kW

Components	
Twin SWEP Plate Heat Exchangers	Combined Temperature and Pressure Gauge
WILO Circulation Pump	CIMM Heating Expansion Vessel
Baylan or Sharky 774 MBUS Heat Meter	Y - Pattern Strainer
CIMM Water Shock Arrestor	Thermal Actuator
Differential Pressure Control Valves	Cold Water and Heating Drain Valves
Dual Thermostatic Control Heads	Manual Air Vent
Insulated Stainless Steel Pipework	EPP Thermal Casing

Dimensions



Features

-  EPP Cover
-  Heat Pump Ready
-  Compact Installation
-  Low Energy Usage
-  3s DHW Response
-  Warranty



TOP CONNECTIONS INDIRECT HEAT INTERFACE UNIT

EPP THERMAL CASING

YGHP heating interface units come equipped with state of the art thermal casing made from EPP or Expanded polypropylene. This ensures that the unit is reaching its maximum thermal potential and reducing heat-loss to a minimum. The extremely pliant material allows it to be moulded to all YGHP units at all capacities.

The YGHP units are also equipped with insulated pipework made from the same EPP material as the casing meaning the entire YGHP unit is built to reduce heat loss and perform at maximum efficiency.



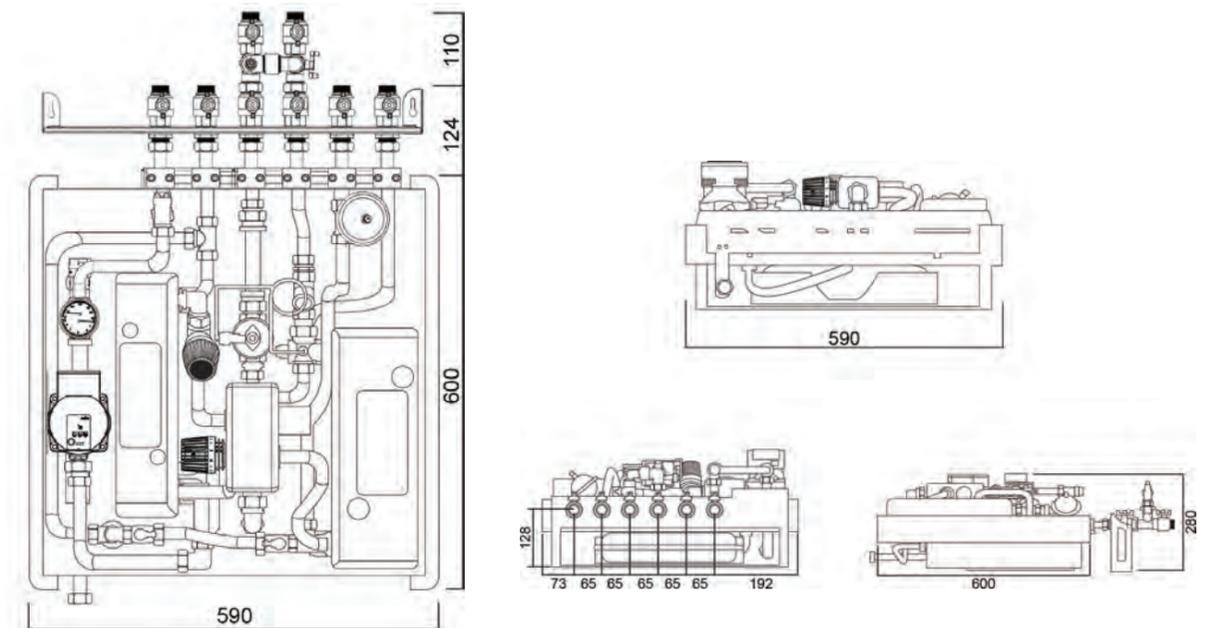
YGHP Top Connections

The YGHP indirect top connection HIU offers all the benefits of the flagship YGHP indirect model with the added bonus of the easy access all top connections. With the stability and reliability of the indirect HIU, the top connections is equipped with all the same market leading components to assist in delivering the finest results.

Capacities	
Capacity 1	DHW: Up to 35kW
Capacity 2	DHW: Up to 65kW
Capacity 3	DHW: Up to 85kW

Components	
Twin SWEP Plate Heat Exchangers	Combined Temperature and Pressure Gauge
WILO Circulation Pump	CIMM Heating Expansion Vessel
Baylan or Sharky 774 MBUS Heat Meter	Y - Pattern Strainer
CIMM Water Shock Arrestor	Thermal Actuator
Differential Pressure Control Valves	Cold Water and Heating Drain Valves
Dual Thermostatic Control Heads	Manual Air Vent
Insulated Stainless Steel Pipework	EPP Thermal Casing

Dimensions



Features



Low Energy Usage



Heat Pump Ready



Warranty



EPP Cover



YGHP COOLING INTERFACE UNIT

EPP THERMAL CASING

YGHP cooling interface units come equipped with state of the art thermal casing made from EPP or Expanded polypropylene. This ensures that the unit is reaching its maximum thermal potential and reducing heat-loss to a minimum. The extremely pliant material allows it to be moulded to all YGHP units at all capacities.

The YGHP units are also equipped with insulated pipework made from the same EPP material as the casing meaning the entire YGHP unit is built to reduce heat loss and perform at maximum efficiency.



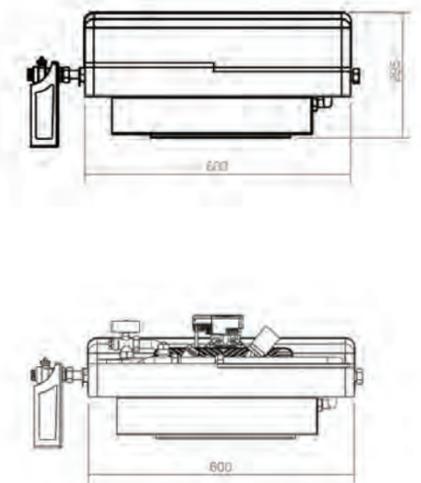
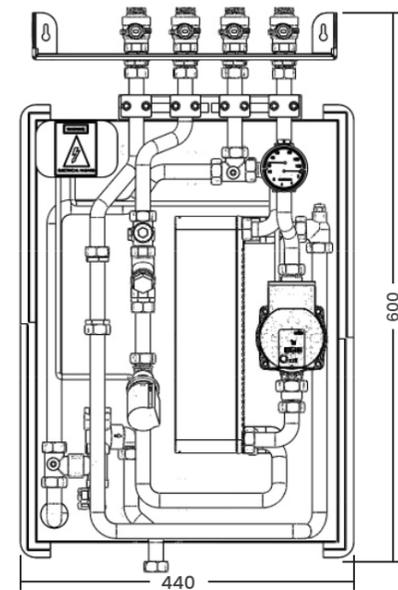
YGHP Cooling Interface Unit

The YGHP cooling interface unit offers high performance and longevity. The YGHP CIU provides cooling to living spaces through a centralised chilled water circuit. Fit with fully front facing components, the YGHP CIU is maintenance and servicing friendly, allowing installers a hassle free experience.

Capacities	
Capacity 1	DHW: Up to 3kW
Capacity 2	DHW: Up to 6kW
Capacity 3	DHW: Up to 9kW

Components	
SWEP Plate Heat Exchanger	Combined Temperature and Pressure Gauge
WILO Circulation Pump	CIMM Heating Expansion Vessel
Baylan or Sharky 774 MBUS Heat Meter	Y - Pattern Strainer
EPP Thermal Casing	Thermal Actuator
Differential Pressure Control Valves	Cold Water and Heating Drain Valves
Insulated Stainless Steel Pipework	Manual Air Vent

Dimensions



Combined Heat Interface & Cooling Interface Unit

Features



Compact Design



EPP Cover



Heating, Cooling & DHW



Low Energy Usage



Combined Heating, Hot Water and Cooling Interface Unit

The YGHP combined heating, hot water and cooling interface unit is an all in one, wall hung unit consisting of the YGHP HIU and the YGHP CIU, combined. This unit can provide instantaneous heating, hot water and cooling through interface technology. By combining the units this saves the installer or buyer time, costing and space.

The pipework within the YGHP combined unit is all front facing to allow easier installation, maintenance and cleaning. The unit consists of all the market leading components that are present in all other YGHP units, to help deliver the best results.

The combined unit comes with a 5 year warranty against defects.

Capacities

DHW Capacities

Capacity 1	DHW: Up to 35kW
Capacity 2	DHW: Up to 45kW
Capacity 3	DHW: Up to 70kW
Capacity 4	DHW: Up to 90kW

HTG Capacities

Capacity 1	DHW: Up to 5kW
Capacity 2	DHW: Up to 10kW
Capacity 3	DHW: Up to 15kW

Cooling Capacities

Capacity 1	DHW: Up to 3kW
Capacity 2	DHW: Up to 6kW
Capacity 3	DHW: Up to 9kW
Capacity 4	DHW: Up to 15kW





A DOVER[®] COMPANY



BRAZED PLATE HEAT EXCHANGERS

The SWEP brazed plate heat exchangers are built with market leading technology allowing them to provide the best heat exchange results across the board.



Cost Effective



Self Cleaning



Reliable



Compact



Efficient

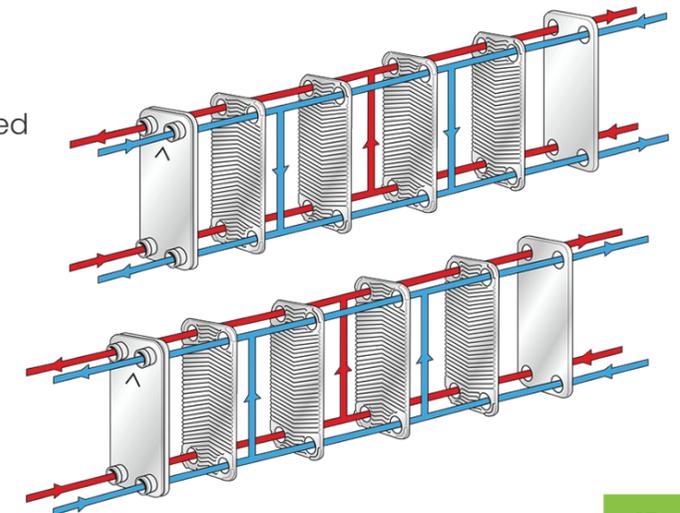


Flexible



THE SWEP PLATE HEAT EXCHANGER

The brazed plate heat exchanger is constructed as a package of corrugated plates between two cover plates, front and rear. These cover plates contain sealing plates and blind rings. Connections are mounted onto cover plates and can be customized to meet specific market and application demands.



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DIRECT HEAT INTERFACE UNIT

Features



EPP Cover



Heat Pump Ready



Low Energy Usage



Warranty



DIRECT SPACE HEATING ONLY HEAT INTERFACE UNIT

Features



EPP Cover



Space Heating on Demand



Low Energy Usage



Warranty



Direct Heating - Indirect DHW

Direct Solution

The YGHP Direct heat interface unit can deliver both instantaneous domestic hot water and heating on demand. Within a Direct unit there is no hydraulic separation between the primary and secondary heating circuit, meaning space heating is delivered directly via the primary source.

Capacities	
Capacity 1	DHW: Up to 35kW
Capacity 2	DHW: Up to 65kW
Capacity 3	DHW: Up to 85kW

Components	
Single SWEP Plate Heat Exchangers	EPP Thermal Casing
CIMM Water Shock Arrestor	Manual Air Vent
Y-Pattern Strainer	Heat Meter Stool Piece
AFRISO Electronic Actuator Head	DHW Thermostatic Control Valve
Ball Valves	Insulated Stainless Steel Pipework

Space Heating

The YGHP space heating unit is designed to deliver space heating on demand to dwellings that source their hot water from elsewhere. Using a state of the art SWEP brazed plate heat exchanger, the space heating unit provides a clean and stable source of heat for dwellings of all sizes.

Capacities	
Capacity 1	DHW: Up to 35kW
Capacity 2	DHW: Up to 65kW
Capacity 3	DHW: Up to 85kW

Bespoke Models Available

Components	
Single SWEP Plate Heat Exchanger	EPP Thermal Casing
CIMM Water Shock Arrestor	Insulated Stainless Steel Pipework
Differential Pressure Control Valve	Manual Air Vent
Electronic Actuator Head	Thermal Actuator
Thermostatic Control Head	Galvanised Steel Plate

DIRECT HOT WATER ONLY HEAT INTERFACE UNIT

Features



EPP Cover



Direct Hot Water
On Demand



Low Energy
Usage



Warranty



DHW Only

The YGHP direct hot water unit is designed to deliver hot potable water on demand to dwellings that source their heating from elsewhere. Using a state of the art SWEP brazed plate heat exchanger, the direct hot water only unit provides a clean and stable source of potable water for dwellings of all sizes.

Capacities

Capacity 1	DHW: Up to 35kW
Capacity 2	DHW: Up to 65kW
Capacity 3	DHW: Up to 85kW

Bespoke Models Available

Components	
Single SWEP Plate Heat Exchanger	EPP Thermal Casing
CIMM Water Shock Arrestor	Insulated Stainless Steel Pipework
Differential Pressure Control Valve	Manual Air Vent
Electronic Actuator Head	Thermal Actuator
Thermostatic Control Head	Galvanised Steel Plate

First Fix Kit

The YGHP first fix kit is ideal for your YGHP HIU. No matter what model of HIU you have selected, our first fix kit is available to suit. By allowing installers to pipe, place and plan the HIU on the wall or within a MEP cupboard.

The First fix includes: HIU bracket and support.

Available for all YGHP HIUs.



Flushing Bypass

The YGHP flushing bypass is the perfect option to isolate the heat interface unit from the rest of the system. By having the ability to isolate the unit from the rest of the system, it allows for ease of maintenance, flushing and cleaning. The H pattern design adds to the ease of maintenance and allow for easy access.

Available for all YGHP HIUs.



Isolation Ball Valves

YGHP isolation ball valves are ideal when purchasing a YGHP HIU. By allowing the pipework to be isolated from the unit it allows maintenance, flushing and cleaning to be carried out on the unit without affecting any other aspects of the system.

Available for all YGHP HIUs.



Secondary Heating Strainer

An additional Y pattern strainer to install on the heating circuit to protect from debris and offer maximum efficiency on the YGHP HIUs.

Available for all YGHP HIUs.





Stuart Turner is internationally recognised as a market leader in water boosting solutions. Prestige as a British design and manufacturing company with a reputation for quality and reliability.

1906 THE HISTORY

With over a century worth of engineering experience, Stuart Turner continue to invest in innovation and manufacturing capabilities to ensure products are of the highest quality standard and remain the most reliable on the market.

WATER BOOSTING FOR ALL APPLICATIONS



Small and Large
Residential



Small and Large
Domestic



Small and Large
Commercial



Small and Large
Industrial



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METERING AND BILLING



Baylan and Sharky
Models Available

BAYLAN MBUS ULTRASONIC HEAT METER

Features



M-BUS or Wireless
M-BUS



Low Pressure
Loss



10 Years Battery Life



8 - Digit LCD



SHARKY 774 COMPACT HEAT METER

Features



M-BUS or Wireless
M-BUS



Low Pressure
Loss



12 Years Battery Life

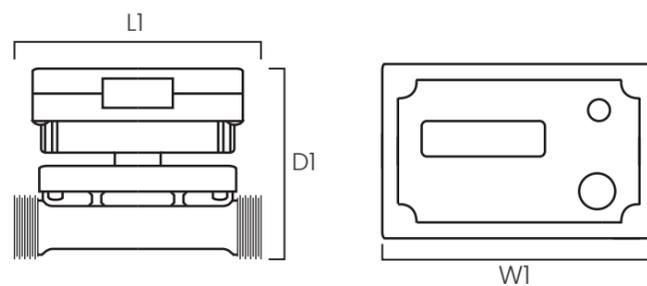


8 - Digit LCD



BAYLAN MBUS Ultrasonic Heat Meter

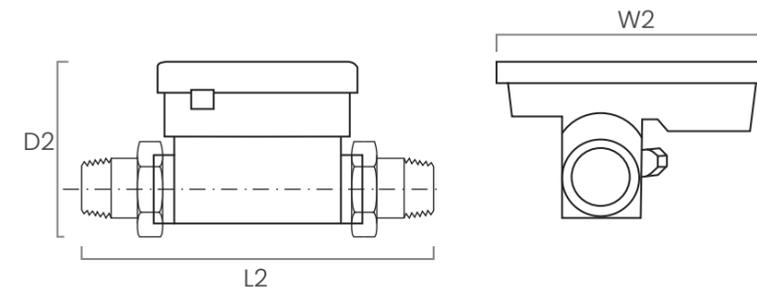
BAYLAN are the biggest water meter manufacturer in Turkey and more than half a century of experience. This innovative heat meter from the Turkish pioneers is one of the most compact and reliable meters available with its technological superiority. The meter has impressive high measurement accuracy due to its lack of moving components, providing better and accurate readings.



Dimensions			
Length	L1	200	mm
Width	W1	110	mm
Depth	D1	180	mm
Weight		1.70	kg

Sharky 774 Ultrasonic Compact Meter

The Sharky 774 is designed for measuring energy consumption in heating and cooling application for billing purposes. The sharky meters non moving parts reduces the risk of wear and tear of various components. Low pressure loss, wide dynamic measuring range, low start flow-rate and insensitivity to suspended particles all contribute to this meters outstanding performance.



Dimensions			
Length	L2	110	mm
Width	W2	135	mm
Depth	D2	64.5	mm
Weight		0.70	kg

SHARKY 775 ULTRASONIC COMPACT ENERGY METER

Features



M-BUS or Wireless
M-BUS



Low Pressure
Loss



Integrated Radio
Option



16 Years Battery Life



8 - Digit LCD

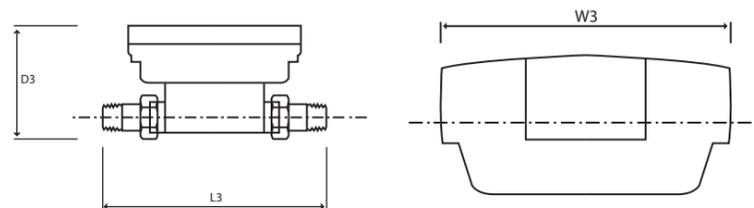


Programmable
Installation Side



Sharky 775 Ultrasonic Compact Energy Meter

The sharky 775 is a ultrasonic compact heat meter designed for measuring the energy consumption in heating and heating/cooling application, for billing purposes. The Sharky 775 is equipped with no moving parts to reduce the risk of any wear and tear over its lifetime. Low pressure loss, wide dynamic measuring range, low start flow-rate and insensitivity to suspended particles all contribute to this meters outstanding performance.



Dimensions

Length	L3	440	mm
Width	W3	100	mm
Depth	D3	127	mm
Weight		3.1	kg

ALTAIR V4 CONCENTRIC

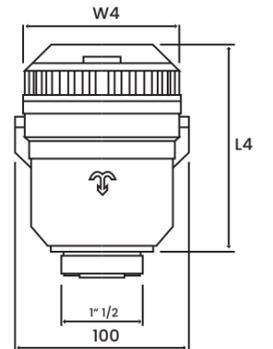
The DIEHL ALTAIR V4 CONCENTRIC is the latest generation of volumetric water meters specifically designed for installation on coaxial base in concentric manifold. ALTAIR V4 CONCENTRIC adapts to the most demanding environments and varying water qualities while maintaining excellent metrology.



- ▶ MID approval up to R=630
- ▶ Starting flow rate at 0.4 l/h (Q3=2.5m³/h) / 0.7 l/h (Q3=4m³/h)
- ▶ Brass or composite body
- ▶ Cold water

Dimensions

Length	L4	118	mm
Width	W4	100	mm
Weight		0.70	kg



ARIES DN15/20

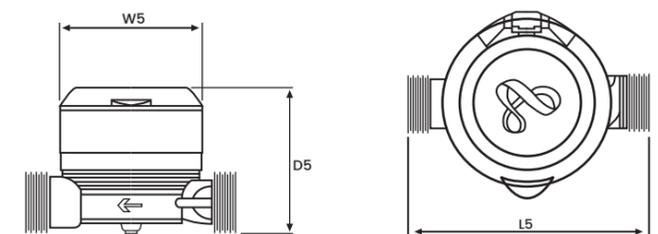
ARIES is a single jet water meter specifically designed for submetering market. It is characterised by its accurate metering capability, its ruggedness and versatility. Developed within the framework of the MID, ARIES complies with the European regulations and holds sanitary conformity certificates.



- ▶ DN 15/20
- ▶ Starting flow rate: 6L/h (DN15)/ 12L/h (DN20)
- ▶ Brass and composite body
- ▶ Cold and hot water

Dimensions

Length	L5	110	mm
Width	W5	77	mm
Depth	D5	79	mm
Weight		0.38	kg



ELVACO CMI - BOX

Features



Flexible



Standard Open
Protocols



Wireless M-BUS



Cost Effective



MBUS Metering Gateway for Mobile Network

The CMI-Box is a flexible solution for collection of meter values which can be customized to meet each individual customer's needs. CMI-Box is easy to mount and install and is ready to use with any meter following the M-Bus standard protocol. The enclosure provides good protection and can be sealed for extra safety.

This CMI-Box is made up of a Wireless M-Bus Receiver mounted in a protective enclosure. The product can be used with a Gateway from Elvaco's CMe Series to enable communication with Wireless M-Bus meters. CMI-Box handles up to 800 meters, each one secured by individual encryption keys.

Mechanics

Casing Material	Polyamide
Protection Class	IP54
Dimensions	141 x 157 x 44mm
Weight	445 g
Mounting	Wall-Mount with brackets

ELVACO CMe 3100

Features



Flexible



Connects To Any M-BUS
Meter



Control Based on
Indoor Temperature



Future Proof



M-Bus Metering Gateway for Fixed Network

The CMe3100 is a unique M-Bus Metering Gateway for Fixed Network which enables easy and reliable integration between meters and system. CMe3100 has the same functionality as other intelligent M-Bus Metering Gateways from Elvaco, such as full M-Bus decoder, storage functionality, delivery of meter values via e-mail, ftp and http as well as the ability to connect optional accessories from Elvaco via the IR interface.

CMe3100 is an M-Bus Metering Gateway for Fixed Network that reads up to 512 meters, compiles meter data in customized reports and delivers it to a receiving system by a set schedule and integration protocol via the fixed network. It is compatible with all meters that use the M-Bus standard protocol and Elvaco's CMe/CMeX Series.

Mechanics

Casing Material	Polyamide
Protection Class	IP20
Dimensions	70 x 90 x 64mm (4 DIN Modules)
Weight	190 g
Mounting	Mounted on DIN rail (DIN 50022) 35mm

BUFFER TANKS



**Standard and Bespoke
Models Available**

BUFFER TANKS

Features



Flanged or Threaded Connections



Thermal Insulation



Raw or Lined Steel



Bespoke Capabilities



YGHP Buffer Storage Tanks

YGHP offer a wide range of buffer tanks including standard models ranging from 50 to 5000L and also bespoke tanks which can be designed and built to the customers demands. All YGHP tanks are pressure tested to comply to water regulations and are also complete with a 3 year warranty. The thermal insulation provided with the YGHP buffer storage tanks ensure thermal efficiency is of its highest potential, reducing heat loss across the entire system.

External Corrosion Protection

BEL Tank	P Tank
150 - 500: Protective enamelled layers and foam encased	Raw Steel up to 2,000 l, primed > 2,500 l
800 - 2000: Power coated	

Heat Insulation

BEL Tank	P Tank
Type 150 - 600: 50mm PU rigid foam insulation with soft sleeve	Type 500 - 1000: 70mm PU rigid foam half-shell with soft sleeve
Type 800 - 1000: 95mm PU rigid foam half-shell with soft sleeve	Type 1250 - 2000: 85mm PU rigid foam half-shell with soft sleeve
Type 1500 - 2000: 85mm PU rigid foam insulation with soft sleeve	Type 2500 - 5000: 100mm soft foam insulation with soft sleeve

Model - BEL Range 150 - 2000



Type	Volume	Height	Diameter	Weight
Unit	[L]	[mm]	[mm]	[kg]
BEL 150	156	970	610	57
BEL 200	224	1350	610	67
BEL 300	285	1670	610	89
BEL 400	415	1500	760	122
BEL 500	496	1740	760	139
BEL 800	805	1940	790	215
BEL 1000	910	2140	790	240
BEL 1500	1508	2290	1000	283
BEL 2000	1936	2420	1100	300

Model - P Range 500 - 5000



Type	Volume	Height	Diameter	Weight
Unit	[L]	[mm]	[mm]	[kg]
P 500	497	1750	650	95
P 800	772	1970	750	145
P 1000	902	2120	790	154
P 1250	1283	2080	950	190
P 1500	1526	2220	1000	231
P 2000	1998	2420	1100	276
P 2500	2347	2280	1250	293
P 3000	2899	2715	1250	340
P 4000	3821	2835	1400	440
P 5000	5057	2870	1600	523



CALORIFIER TANKS

**Standard and Bespoke
Models Available**

CALORIFIER TANKS

Features



Flanged or Threaded Connections



Thermal Insulation



Smooth Pipe Heat Exchanger



Lined Steel



Bespoke Capabilities



Enamelled Corrosion Protection



YGHP Calorifier Storage Tanks

YGHP calorifier storage tanks are equipped with internal heating coil to maintain correct temperatures to provide quick, reliable hot water. All parts in contact with drinking water are enamelled as per DIN 4753. A magnesium anode provides additional corrosion protection.

External Corrosion Protection

BWP	BR	BRR
Up to 600 l protected enamelled layers and foam encased 800 to 1000 l powder-coated.	Up to 500 l protective enamelled layers and foam encased 800 to 2,000 l powder-coated.	Up to 500 l protective enamelled layers and foam encased 800 to 2,000 l powder-coated.

Heat Insulation

BWP	BR	BRR
Type 200 -600: 50mm PU rigid foam insulation with soft sleeve.	Type 150 -500: 50mm PU rigid foam insulation with soft sleeve.	Type 200 -600: 50mm PU rigid foam insulation with soft sleeve.
	Type 800 -1000: 50mm PU rigid foam half-shell with soft sleeve.	Type 800 - 1000: 95mm PU rigid foam half-shell with soft sleeve.
Type 800 -1000: 95mm PU rigid foam half-shell with soft sleeve.	Type 1500 -2000: 85mm PU rigid foam half-shell with soft sleeve.	Type 200 -600: 85mm PU rigid foam half-shell with soft sleeve.

Model - BWP Range 200 - 1000



Type	Volume	Height	Diameter	Weight
Unit	[L]	[mm]	[mm]	[kg]
BWP 200	224	1350	610	72
BWP 300	326	1570	660	82
BWP 400	415	1500	760	110
BWP 500	496	1740	760	147
BWP 600	559	1940	760	170
BWP 800	805	1990	790	190
BWP 1000	910	2190	790	270

Model - BR Range 150 - 2000



Type	Volume	Height	Diameter	Weight
Unit	[L]	[mm]	[mm]	[kg]
BR 150	151	970	610	72
BR 200	224	1350	610	82
BR 300	285	1670	610	110
BR 400	415	1500	760	147
BR 500	496	1740	760	170
BR 600	559	1940	760	190
BR 800	805	1990	790	270
BR 1000	910	2190	790	295
BR 1500	1508	2290	1000	343
BR 2000	1936	2420	1100	360

Model - BRR Range 200 - 2000



Type	Volume	Height	Diameter	Weight
Unit	[L]	[mm]	[mm]	[kg]
BRR 200	224	1350	610	94
BRR 300	285	1670	610	124
BRR 400	415	1500	760	164
BRR 500	496	1740	760	190
BRR 600	559	1940	760	216
BRR 800	805	1990	790	286
BRR 1000	910	2190	790	330
BRR 1500	1508	2290	1000	381
BRR 2000	1936	2420	1100	417



WHY AQUABION?

Lime-scale build-up has a huge impact on not only your bathroom but also on the efficiency of boilers, hot water tanks, washing machines and taps. The AQUABION water conditioner acts as a lime-scale filter to reduce the risk of lime-scale build up in your system. Water that has been treated by the AQUABION filter is perfectly drinkable and includes all essential minerals that occur naturally.



SAVE MONEY & BREAKDOWNS

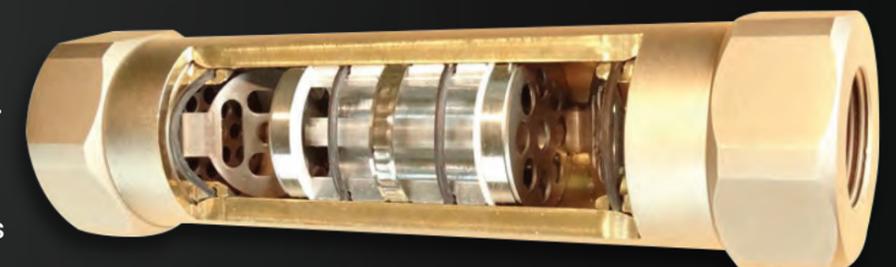


ENVIRONMENTALLY FRIENDLY WATER TREATMENT



5 YEAR WARRANTY

The two swirling chambers within each upstream and downstream agitates water and is responsible for the self-cleaning effect of AQUABION units themselves



Limescale Filter

01380 609396 | COMMERCIAL@AQUABION-UK.COM
Hatham Park, Hartham Lane, Corsham, Wiltshire

SEPARATORS



Ranging from DN50 – DN300

SEPARATORS

Features



Flanged or Welded Connections



High Strength Neodymium Magnet



Ideal for Heating and Cooling Systems

3

3 Year Warranty



YGHP Separators

YGHP produce a comprehensive range of commercial separators designed to remove any air, dirt and debris from heating and cooling systems. By removing foreign objects from the system, the separators help reduce system corrosion, extend the working life of components, reduce noise created within the pipework and improve the overall efficiency of the system.

Operation

The magnetic separators use a robust mesh gauze to catch any trapped pockets of air or debris as it travels within the liquid through the separator. The air is vented automatically via a vent at the top of the separator. The dirt and debris is caught by the mesh gauze and falls to the bottom of the separator where it can be drained. YGHP's magnetic separators use a strong neodymium magnet as well as the mesh gauze to ensure any ferrous debris is caught which can then be removed via a large drain quickly and efficiently.

Installation

The YGHP separator can be installed vertically or horizontally on pipework dependant on the model. The separator should ideally be placed on the flow or return directly from the plant-room to ensure that any air, dirt or debris is caught before it enters the system or before it has chance to recirculate.

Model	Connection Size	Magnetic
Air Separator	DN50-150	—
Air & Dirt Separator	DN50-150	—
Magnetic Dirt Separator	DN50-150	✓
Magnetic Air & Dirt Separator	DN50-150	✓
Steel Dirt Separator	DN50-150	—
Steel Hydraulic Separator	DN50-150	—

Product Codes

Flanged Air Separator		Welded Air Separator	
DN 50	131.11.16.1	DN 50	131.11.16.2
DN 65	131.11.17.1	DN 65	131.11.17.2
DN 80	131.11.18.1	DN 80	131.11.18.2
DN 100	131.11.19.1	DN 100	131.11.19.2
DN 125	131.11.20.1	DN 125	131.11.20.2
DN 150	131.11.21.1	DN 150	131.11.21.2

Flanged Air & Dirt Separator		Welded Air & Dirt Separator	
DN 50	131.17.16.1	DN 50	131.17.16.2
DN 65	131.17.17.1	DN 65	131.17.17.2
DN 80	131.17.18.1	DN 80	131.17.18.2
DN 100	131.17.19.1	DN 100	131.17.19.2
DN 125	131.17.20.1	DN 125	131.17.20.2
DN 150	131.17.21.1	DN 150	131.17.21.2

Flanged Magnetic Dirt Separator		Welded Magnetic Dirt Separator	
DN 50	131.15.16.1	DN 50	131.15.16.2
DN 65	131.15.17.1	DN 65	131.15.17.2
DN 80	131.15.18.1	DN 80	131.15.18.2
DN 100	131.15.19.1	DN 100	131.15.19.2
DN 125	131.15.20.1	DN 125	131.15.20.2
DN 150	131.15.21.1	DN 150	131.15.21.2

Flanged Magnetic Air & Dirt Separator		Welded Magnetic Air & Dirt Separator	
DN 50	131.18.16.1	DN 50	131.18.16.2
DN 65	131.18.17.1	DN 65	131.18.17.2
DN 80	131.18.18.1	DN 80	131.18.18.2
DN 100	131.18.19.1	DN 100	131.18.19.2
DN 125	131.18.20.1	DN 125	131.18.20.2
DN 150	131.18.21.1	DN 150	131.18.21.2

Flanged Dirt Separator		Welded Dirt Separator	
DN 50	131.13.16.1	DN 50	131.13.16.2
DN 65	131.13.17.1	DN 65	131.13.17.2
DN 80	131.13.18.1	DN 80	131.13.18.2
DN 100	131.13.19.1	DN 100	131.13.19.2
DN 125	131.13.20.1	DN 125	131.13.20.2
DN 150	131.13.21.1	DN 150	131.13.21.2

Flanged Hydraulic Separator	
DN 50	131.19.16.1
DN 65	131.19.17.1
DN 80	131.19.18.1
DN 100	131.19.19.1
DN 125	131.19.20.1
DN 150	131.19.21.1



**THREE
YEAR WARRANTY
ON ALL MODELS**

For more information on our separators, including dimensions, visit our website or contact us direct.

INDUSTRIAL



Development of Technical Water

Since 1970, ELYSATOR Engineering AG, a globally active Swiss manufacturing company, has specialised in treated water for technical purposes in various fields of application:

-  Water-Filled and Hydraulic Machines
-  Heating Water, Cooling Water Circulating Water, Top Up Water
-  Industry
-  Incinerators
-  Laboratories
-  Cleaning Applications and Domestic Use
-  Engine Circuits On Ships and in Power Stations
-  and many other customised applications.

Oxygen diffusing into the water of recirculation heating and cooling systems leads to corrosion. A low pH and increased electrical conductivity of the system water also promote corrosion. The accumulation of sludge and corrosion products in heating and cooling systems can cause severe hydraulic problems.

The ELYSATOR® is market leader in corrosion protection of recirculation water systems by using a sacrificial anode to extract oxygen, acid and aggressive salts from the water. It is equally suitable for protecting new systems and for retrofit in existing plants. Elysator operates in accordance with VDI 2035 which is now recognised within CIBSE CP1 2020 Heat Network Code of Practise as an approved method of water treatment for UK Heat Networks

The electro-chemical reaction of the sacrificial anode is reliable, measurable and works without chemical additives. Numerous institutions and manufacturers promote this successful method having a range of positive experience for over 50 years now. Installation and service are easy and at low cost.



MAGNETIC FILTER

High Capacity, Compact Design

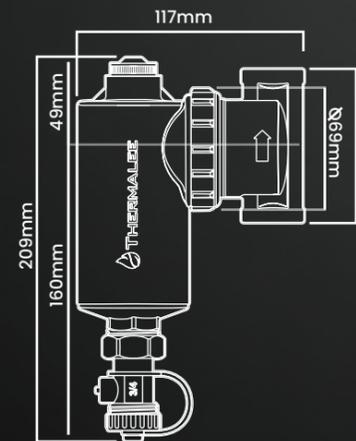


MAGNETIC FILTER

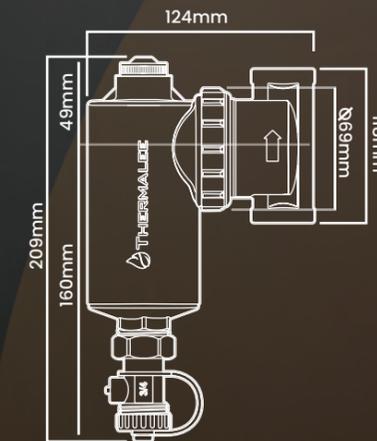
The Thermalee Magnetic Filter is the perfect addition for the YGHP heat interface unit, with its versatility with the ability to connect to horizontal and vertical pipework. The filter works by using a neodymium magnet to remove any dirt and debris from circulation ensuring your build maintains a clean and reliable system.



-  Ease of installation connects to vertical and horizontal pipework
-  Robust neodymium magnet with threaded magnet cap
-  Brass construction with nickel plating for long lasting life
-  High capacity compact design
-  Removes magnetic and non-magnetic debris from water
-  Double radial seals and multiple orientation capabilities



Thermalee 22mm Magnetic Filter
Product code: Thermalee22



Thermalee 22mm Magnetic Filter
Product code: Thermalee28

ROOMSTATS

High Quality, Rigid Design



ROOMSTATS

Thermalee roomstats are designed to deliver the most user friendly experience for the home owner. Using a minimalistic button layout the Thermalee aims to make room programming easy. The room programmer comes with a large LED screen with LED backlit making for a modern touch to your home as well as having everything you need all in one place on-screen. The Thermalee room thermostat is a dial based roomstat which can be used by simply the turn of a dial to pinpoint the exact temperature you desire.

ROOM PROGRAMMER



-  Super Large Screen, LED Backlit
-  Permanent Memory Function After Power Off
-  Room Temperature and Time Display
-  7-Day Programmable 6 Periods Setting

ROOM THERMOSTAT



-  Pinpoint 10 to 30°C Set-point Range
-  Suitable for Surface or Switch Box Mounting
-  Change-Over Contact Switching (cooling loads)
-  Easy to Install

OUR PREFAB SOLUTIONS

Yates Group Prefabrication is dedicated to providing the customer with not only a bespoke product but a bespoke experience. By working with the customer YGPrefab look to assist from the early stages of development, which allows for a specific design, build and delivery to best suit the customer and their needs.



Prefabricated Utility Cupboards

The Range:

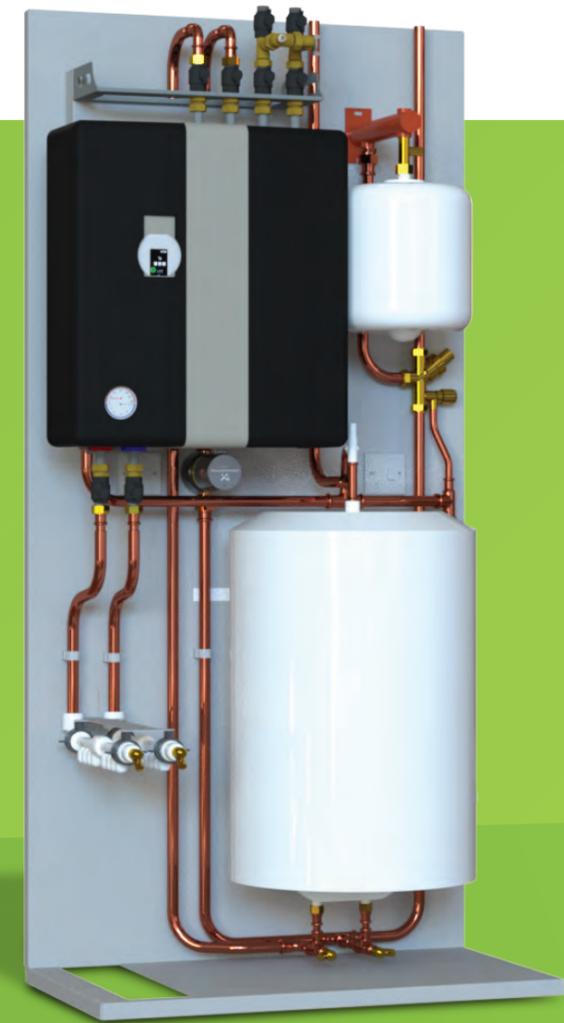
- ◆ Packaged Buffer Tank
- ◆ Packaged PHE
- ◆ Bespoke Cupboards
- ◆ Bronze, Silver and Gold Prefabricated Cupboards

No matter the size or specification YGPrefab are able to build all the way from standardised models through to the most bespoke of designs.

Delivery is on site and on time to ensure the disruption is kept to a minimal allowing for schedules to be kept to and deadlines to be met.

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