

PIPELIFE

PIPES FOR LIFE

PLUS+
Qual-Pex
EASY-LAY



GET THE
PLUS+
ADVANTAGE



FLAT



FAST



FLEXIBLE

TRADE BROCHURE

OVER 45 YEARS SERVING THE IRISH PLUMBING INDUSTRY

COMPANY PROFILE

Pipelife is Ireland's leading manufacturer and provider of plastic piping systems. Specialising in the extrusion of polyethylene (PE) pipes, Pipelife offers industry leading products for the heating & plumbing, water pressure, electricity, cable ducting, gas and agricultural sectors.

Drawing on over 45 years of manufacturing experience from our production plant in Cork, Pipelife has been to the forefront in developing innovative products, and has been an industry leader for many years. Quality and innovation continue to be the terms that define our philosophy and this is reflected in the range of products and systems that we manufacture to this day.

As well as being a leading edge manufacturer (ISO 9001 2015) of pipe for the Plumbing and Heating Industry, Pipelife has developed a true expertise in the design of heating systems to maximize the potential of Qual-PEX pipe. Many systems are straight-forward and are simply adapted from traditional metal pipe plumbing systems, but new methods of heating buildings are now being opened up with the use of thermoplastic pipe in applications such as wall heating, ceiling heating and most especially Underfloor Heating.

The experience and expertise of our Renewables Department coupled with the security of our design indemnity insurance, top quality materials, and comprehensive before and after sales technical support ensures that we continue to offer an industry leading service in this growing segment of the residential and commercial market. Selling exclusively through merchants our service is tailored to making the supply of renewable products & services easy, professional and painless.



OUR PRODUCTS – YOUR BENEFITS

TRIED AND TESTED TECHNOLOGY

Pipelife is Ireland's leading manufacturer of underfloor heating systems comprising of our new Qual-Pex Plus+ 'Easy-Lay' Heating & Plumbing Pipe. Get the Plus+ Advantage. Your next phase of plumbing success starts here.



FULL DESIGN SERVICE

Our in-house engineers can provide detailed plans for the application of renewable technologies specific to individual projects from domestic to commercial. These include full heat loss calculations, energy saving estimates, plus a complete product and accessory specification.

CUSTOMER SERVICE

When you choose Pipelife, you have the support of our experienced customer service team, as well as backup provided by our specialist service engineers. Our in-house designers work with homeowners, contractors, architects & consulting engineers across the country in projects ranging from residential homes, hospitals and nursing homes to warehouses and car showrooms.

WIDE DISTRIBUTION NETWORK

Our full product range can be found in all leading merchants throughout Ireland. You can obtain a list of merchants within your area through our website www.pipelife.ie

YOUR ONE STOP SHOP

At Pipelife we believe in providing our customers with a one-stop-shop for complete package solutions; from market-leading products, free initial advice, through to bespoke design, installation, final commissioning and technical support, allowing you to purchase with confidence.

For more information and to talk to our team call us on 021 488 4700 or e-mail us at ireland@pipelife.com

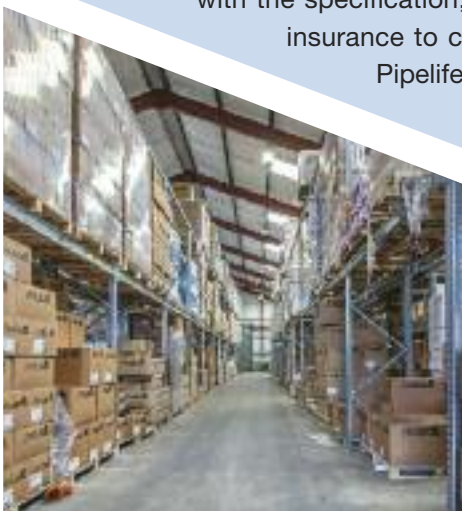
UNBEATABLE 50 YEAR WARRANTY

As the pipe manufacturer, Pipelife guarantees the pipe for 50 years, which is vital when the pipe is being buried within the floor structure for the lifetime of the building.

OUR COMMITMENT

Pipelife is Ireland's leading and trusted supplier to the plumbing industry for the last 45 years and with the financial strength of being part of a leading multi-national group you can be sure that your Pipelife system will be fully supported.

As an added re-assurance for our customers, Pipelife accepts full responsibility for the design of your system along with the specification, and supply of materials. We also carry full design indemnity and product liability insurance to cover all designs thus giving our customers peace of mind that when they choose Pipelife they choose quality products, reliable systems and an after sales commitment that other operators cannot compete with.



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UNDERFLOOR
HEATING



HEAT
PUMPS



ACCESSORIES



QUAL-PEX PLUS+
'EASY-LAY' PIPE

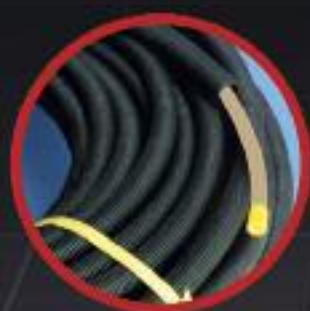
Pipelife Know-How

First and foremost, Pipelife is committed to designing bespoke energy efficient heating and domestic hot water systems that perform. But what sets us apart from our competitors is the way we work with our customers.

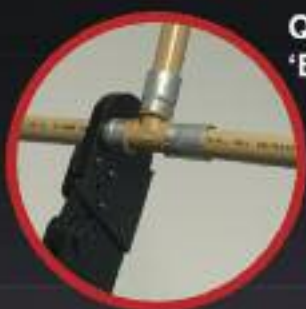
GET THE **PLUS+ ADVANTAGE**

with our NEW

Qual-Pex ^{PLUS+} *EASY-LAY* Pipe and Fittings



Qual-Pex Plus+
'Easy-Lay'
Pipe in Pipe



Qual-Pex Plus+
'Easy-Crimp'



Tectite System



Qual-Pex Plus+
'Easy-Lay'
Eco Insulated



White
Qual-Pex Plus+
'Easy-Lay'
Multilayer Pipe



Qual-Pex Plus+
'Easy-Lay'
Eco Duo



FLAT



FAST



FLEXIBLE



MAKE THE MOVE TO THE NEXT EVOLUTION OF PLUMBING PIPE



- QUALITY YOU TRUST
- FLEXIBILITY YOU WANT
- VALUE YOU DESERVE

5 Reasons to use our New Qual-Pex Plus+ 'Easy-Lay' Pipe

Our new Qual-Pex Plus+ 'Easy-Lay' Pipe is more than meets the eye. It's been specially designed for the installer. It's amazingly flexible, incredibly efficient & versatile system;

- ✓ **Ultra Flexible** – Our new Qual-Pex Plus+ 'Easy-Lay' Pipe is noticeably more flexible than other pipes. It's quick and easy to uncoil and the flexible material allows you to manoeuvre the pipe with complete ease. Increased flexibility delivers added value. Now easier and quicker to install using less materials and less labour. You save every time. Get the edge over your competition!
- ✓ **Proven & Guaranteed** – With our market leading 50 Year Guarantee offering you more certainty to install with confidence
- ✓ **Manufactured in Ireland** – Qual-Pex Plus+ 'Easy-Lay' is 100% Irish made and is manufactured to the most stringent standards allowing you to install with confidence. Plus with every purchase of Qual-Pex Plus+ 'Easy-Lay' Pipe you're supporting Irish Jobs!
- ✓ **Quality Choice** – You choose a quality product manufactured by a trusted leader of Plumbing & Heating Pipe in Ireland with almost 50 years' experience. Your next phase of Plumbing Success Starts here!
- ✓ **Versatile** – Qual-Pex Plus+ 'Easy-Lay' Pipe is designed to complement our existing ranges of Qual-PEX Plus+ 'Easy-Crimp' and Tectite fittings. The pipe is also recommended for use with standard brass compression fittings, and manifolds, as well as with some specific press and push-fit fittings. Available in Tan lengths and coils, in imperial sizes of 1/2" (14.7mm), 3/4" (21.0mm), and 1" (27.4mm), and white multilayer sizes of 16mm, 20mm, 26mm & 32mm. Qual-PEX Plus+ 'Easy-Lay' will be provided in 'Pipe-in-Pipe' 'Eco-Pex' & Eco-DUO' formats.



QUAL-PEX PLUS+ 'EASY-LAY' PLUMBING & HEATING PIPE



QUAL-PEX PLUS+ 'EASY-LAY' PIPE

CODE	COILS	QTY
3096700000	100m x 1/2"	1
3096700020	50m x 3/4"	1
3096700040	50m x 1"	1

CODE	LENGTHS	QTY
3096700010	1/2" x 6m	20
3096700030	3/4" x 6m	20
3096700050	1" x 6m	10

QUAL-PEX PLUS+ 'EASY-LAY' PIPE



- ✓ Qual-PEX Plus+ "Easy-Lay" is the next generation plumbing & heating pipe, for hot and cold water distribution services, as well as for central heating and underfloor heating systems.
- ✓ Qual-PEX Plus+ "Easy-Lay" is extremely flexible, with exceptional lay-flat capability, enabling faster, easier and more cost-effective installations.
- ✓ Qual-PEX Plus+ 'Easy-Lay' is approved for use under the following service conditions:
 - 12 Bar at 20°C
 - 4 Bar at 82°C
 - 3 Bar at 92°C
- ✓ Qual-PEX Plus+ "Easy-Lay" is designed to complement, with full compatibility, fitting ranges as follows:
 - o Qual-Pex Plus+ 'Easy-Crimp' Fittings
 - o Tectite Fittings
 - o Suitably approved 'Push-Fit fittings'
 - o Suitably approved 'Compression fittings'
 - o Suitably approved 'Press Fittings'
- ✓ Qual-PEX Plus+ "Easy-Lay" is available in the following sizes in both lengths & coils. Irish Sizes:- 1/2" (14.7mm), 3/4" (21.0mm) and 1" (27.4mm)
- ✓ Qual-PEX Plus+ 'Easy-Lay' Pipe is flexible enough to be cabled through awkwardly placed holes under flooring and threaded behind partition walls and through ducts.
- ✓ Qual-PEX Plus+ 'Easy-Lay' Pipe enables the installer to undertake faster, easier and more cost-effective installation.
- ✓ Qual-PEX Plus+ "Easy-Lay" can be purchased pre-insulated in corrugated ducting (Pipe-in-Pipe)
- ✓ Is 100% Irish Made and is manufactured to the most stringent standards allowing you to install with confidence
- ✓ 50 Year Guarantee

"I love the flexibility of the new Qual-Pex Plus+ Easy-Lay Pipe. The Lack of spring makes it easier to handle and makes the install a lot quicker. I have used all kinds of plumbing pipe but the Qual-Pex Plus+ Easy-Lay is by far the easiest to work with"

JOHN McHALE BUILDING SERVICES



Old Qual-Pex



QUAL-PEX PLUS+ 'EASY-LAY' MULTILAYER PIPE

Qual-Pex
PLUS+
EASY-LAY



- ✓ Qual-PEX Plus+ 'Easy-Lay' Multilayer Pipe is the next generation plumbing & heating pipe, for hot and cold water distribution services, as well as for central heating and underfloor heating systems.
- ✓ Qual-PEX Plus+ 'Easy-Lay' Multilayer Pipe is extremely flexible, with exceptional lay-flat capability, enabling faster, easier and more cost-effective installations. This pipe has been designed to provide the plumbing professional with a 'universal alternative' to the various other piping products on the market, and it will prove to be a more effective plumbing solution, for many applications where aluminium pipe might otherwise be considered.
- ✓ Qual-PEX Plus+ 'Easy-Lay' is approved for use under the following service conditions:
 - 12 Bar at 20°C
 - 4 Bar at 82°C
 - 3 Bar at 92°C
- ✓ Qual-PEX Plus+ 'Easy-Lay' Multilayer Pipe is designed to complement with full compatibility suitably approved/certified 'Press Fittings'.
- ✓ Qual-PEX Plus+ 'Easy-Lay' Multilayer Pipe is available in the following sizes in both lengths & coils - 16mm, 20mm, 26mm & 32mm.
- ✓ Qual-PEX Plus+ 'Easy-Lay' Pipe enables the installer to undertake faster, easier and more cost-effective installation.
- ✓ Qual-PEX Plus+ 'Easy-Lay' Multilayer can also be purchased pre-insulated - Qual-PEX Plus+ 'Easy-Lay' Eco.
- ✓ Is 100% Irish Made and is manufactured to the most stringent standards allowing you to install with confidence.
- ✓ 50 Year Guarantee.

QUAL-PEX PLUS+ "EASY-LAY" MULTILAYER PIPE (WHITE)

CODE	COILS	QTY
3096700500	16mm x 2mm x 100m	1
3096700510	16mm x 2mm x 150m	1
3096700520	16mm x 2mm x 500m	1
3096700540	20mm x 2mm x 100m	1
3096700560	26mm x 3mm x 50m	1
3096700580	32mm x 3mm x 25m	1

LENGTHS		
3096700530	16mm x 2mm x 6m	20
3096700550	20mm x 2mm x 6m	20
3096700570	26mm x 3mm x 6m	10
3096700590	32mm x 3mm x 6m	10

"The new Qual-Pex Plus+ 'Easy-Lay' Multilayer Pipe has exceeded our expectations. It is extremely flexible, with exceptional lay-flat capability, enabling faster, easier and more cost-effective installations. My crew have installed all kinds of underfloor heating pipe, but the new Qual-Pex Plus+ 'Easy-Lay' Multilayer Pipe is by far the easiest we have worked with. That's why we put our trust in Pipelife."

James Murphy, BroMur Energy Ltd

QUAL-PEX PLUS+ 'EASY-LAY' PIPE IN PIPE

QUAL-PEX PLUS+ 'EASY-LAY' PIPE IN PIPE (IMPERIAL)



FEATURES

- Our Pipe in Pipe range comes pre-installed with conduit
- Simply uncoil, cut and install - No messy installation of the pipe in the conduit
- Saves you time, money and an environment where the chance of leaks are all but eliminated

QUAL-PEX PLUS+ "EASY-LAY" PIPE IN PIPE

CODE	SIZE	BAG QTY
3096100500	1/2" x 100m	1
3096100515	3/4" x 50m	1



Qual-Pex Plus+ 'Easy-Lay' Pipe

Ireland's Leading Heating & Plumbing Pipe

- **TOUGH**
- **DEPENDABLE**
- **LONG LASTING**
- **100% IRISH PRODUCT**
- **TRIED, TESTED & PROVEN**

QUAL-PEX PLUS+ 'EASY-LAY' PIPE INSERTS

QUAL-PEX PIPE INSERTS

CODE	SIZE	BAG QTY	CARTON QTY
3095100812	1/2"	100	2000
3095100814	3/4"	100	1000
3095100816	1"	100	500

The resin quality, glass content and dimensional tolerances are critical features of Qual-PEX inserts and are tightly controlled. Pipelife Ireland Ltd will not, under any circumstances accept any responsibility or liability for any product or consequential damage caused due to a joint failure when a different insert is utilised whether on a push-fit or compression joint.





Pre-Insulated Qual-Pex Plus+ 'Easy-Lay' Pipe.
From Pipelife, Ireland's leading manufacturer of Heating & Plumbing solutions.

BENEFITS:

- A pre-insulated Pipe to save time, money and energy costs for Domestic, Commercial and Industrial applications.
- Available in imperial sizes of 1/2", 3/4" & 1" in 50m Coils which are approved for use with Qual-Pex Plus+ 'Easy-Crimp', Tectite and compression fittings.
- Also available in multilayer sizes of 16mm, 20mm, 26mm & 32mm & are approved for use with suitably approved/certified Press-Fittings.
- Manufactured in Ireland.
- 50 Year guarantee.
- Available through all leading merchants.

PRODUCT DESCRIPTION:

It is insulated with a high quality CFC-free and HCFC-free, blue or red flexible closed cell polyethylene pipe insulation. It has been designed to save time, money and energy costs and will improve the energy rating (BER) of any building.

THE INSULATION:

Tubolit is high quality insulation with a low thermal conductivity. It is highly efficient in energy conservation and frost protection. It is non fibrous and creates no dust during installation or use. It has a durable PE-film covering allowing maximum protection against water penetration and maximum bonding with concrete. It is also designed to give mechanical protection for in-wall cavity pipelines, which includes resistance to building materials and has a pleasing coating for exposed areas.



Performance Characteristics		
Thermal Conductivity	40°C	0.036 W(m – K)
Wall Thickness of Insulation	9mm	STANDARD
	13mm	AVAILABLE TO ORDER ONLY
	19mm	
Density	28kg/m³	

HEAT LOSS RATES (in W/M)					
Hot Water Line Temp. 60 °C - Ambient Temp. 15 °C					
Pipe Size	Insulation Wall Thickness				
	0mm	9mm	13mm	19mm	
1/2"	33.38	11.67	9.76	8.14	
3/4"	39.93	13.48	11.16	9.21	
Central Heating Line Temp. 75 °C - Ambient Temp. 15 °C					
Pipe Size	Insulation Wall Thickness				
	0mm	9mm	13mm	19mm	
1/2"	47.87	16.00	13.34	11.11	
3/4"	57.28	18.49	15.27	12.57	

QUAL-PEX PLUS+ "EASY-LAY" ECO

CODE	SIZE	PACK QTY
3095100550	1/2" x 50m - BLUE	1
3095100555	1/2" x 50m - RED	1
3095100560	3/4" x 50m - BLUE	1
3095100565	3/4" x 50m - RED	1
3095100570	1" x 50m - BLUE	1
3095100575	1" x 50m - RED	1

QUAL-PEX PLUS+ 'EASY-LAY' ECO MULTILAYER

CODE	SIZE	PACK QTY
3095100583	16mm x 2mm x 100m Blue	1
3095100584	16mm x 2mm x 100m Red	1
3095100585	20mm x 2mm x 50m Blue	1
3095100586	20mm x 2mm x 50m Red	1
3095100587	26mm x 3mm x 50m Blue	1
3095100588	26mm x 3mm x 50m Red	1
3095100589	32mm x 3mm x 25m White	1

Qual-Pex EASY-LAY ECO Duo



PRE-Insulated and Ducted

Qual-PEX Plus+ 'Easy-Lay' Pipe for Local & District Heating.

Qual-PEX Plus+ 'Easy-Lay' ECO Duo Pipe has been designed to simplify and speed up installation by utilising standard Irish size fittings and pipe and to greatly enhance energy conservation, thus reducing energy costs.

- Irish size pipe eliminates the need for expensive adaptors.
- Use with standard compression fittings & Qual-PEX inserts.
- Manufactured in IRELAND.
- 50 year guarantee.
- Available in coils of 100m.
- Coils can be cut to order.
- Range of end caps available.
- Available in all leading Merchants.

APPLICATIONS:

- **Air/Water Heat Pumps.**
- **Geothermal Heat Pumps.**
- **Wood Pellet Boilers.**
- **Biomass & Biogas Boilers.**
- **External Gas and Oil Boilers & many more.**

PRODUCT

DESCRIPTION:

Two pre-insulated, Qual-PEX Plus+ 'Easy-Lay' Pipes encapsulated in 125mm of high performance insulation protected within a corrugated PE-HD twin wall outer casing for maximum protection. Delivering industry leading thermal insulation properties using Ireland's leading plumbing and heating pipe.



Description	Value	Standard
Density	28 kg/m ³	ISO 845
Tensile Strength	270kPa	ISO 1926
Water Absorption	<1.0 %	ISO 2896
Thermal Conductivity	0.036 W/mK	EN 12677
Flammability	B2 Normal	DIN 4102
Recommended Service t°	-50°C up to +95°C	

THE INSULATION:

The insulation of Qual-PEX Plus+ 'Easy-Lay' ECO Duo Pipe consists of micro-cellular cross-linked polyethylene foam with a closed cellular structure, permitting low water vapour diffusion with good insulation resistance to extreme temperatures. Moreover, Qual-PEX Plus+ 'Easy-Lay' ECO Duo Pipe maintains these high insulation properties over time. This is due to the superior characteristics of the cross linked PE foam, compared to other insulation materials (e.g. PUR foam) which show a decline in their insulation capabilities over time. Its unique moving layers design allows maximum flexibility and very easy installation.

INSTALLATION:

There are no special tools or fittings required as both sizes of Qual-PEX pipes will fit with standard compression fittings that can be bought in any Hardware outlet. Simply dig your trench, lay the pipe in a serpentine pattern in the trench and back fill with sandy clay.

Allow 1% of the length of the pipe for expansion and contraction. Best practice would be to anchor the pipes at all fitting locations.

CODE	DESCRIPTION	SELLING UNIT PER METRE
3095100520	1"	1
3095100808	Dust Caps	1



MAKE THE QUALITY CONNECTION WITH OUR NEW QUAL-PEX PLUS+ 'EASY-CRIMP' SYSTEM

Welcome to the future of pipe systems. Where innovative connection techniques save you time and cut your costs. Users of Qual-PEX Plus+ 'Easy-Crimp' fittings will find installation much quicker, easier and more economical than other available systems.

Pipelife have developed an extensive range of quality crimp fittings which have complete compatibility with our Qual-PEX Plus+ 'Easy-Lay' pipe. The premium grade annealed aluminium protective metal sleeve is precisely attached to each fitting during production and is designed to provide a unique metal reinforced leak free joint.

Day after day, on job after job, the Qual-Pex Plus+ 'Easy-Crimp' System is the fastest, most reliable, most durable in the industry. With thousands of systems installed nationwide giving professionals the highest level of confidence in the Qual-Pex Plus+ 'Easy-Crimp' System. Put your trust in Pipelife.



Qual-PEX Plus+ 'Easy-Crimp'

QUAL-PEX PLUS+ 'EASY-CRIMP' SYSTEM GUARANTEE

Pipelife's guarantee on the Qual-Pex Plus+ 'Easy-Crimp' system against manufacturing ring defects is a minimum of 50 years.

The guarantee remains valid provided that the pipe and fittings are installed as per our recommended installation guidelines and that the products installed were not damaged before, during or after installation.

Guarantee only applies when Qual-Pex Plus+ 'Easy-Crimp' and Qual-PEX Plus+ 'Easy-Lay' pipe is used.

N.B. Qual-PEX Plus+ 'Easy-Crimp' fittings are designed exclusively for use with Qual-PEX Plus+ 'Easy-Lay' Pipe; Qual-PEX Plus+ 'Easy-Lay' insulated pipe and Qual-PEX Plus+ 'Easy-Lay' Pipe-in-pipe.

TESTIMONIALS:

"Very happy with how simple this system is. No inserts needed, huge cost saving on many levels, faster, cheaper than MLCP crimp, much lighter for transportation, will be widely available. No confusion on what profile, what jaws, availability of the fittings. Love the sleek finish. Only tools needed is a cutters and a clamp tool. This is a game changer"

Trevor Hill, Hill Heating & Plumbing, Cork.



Example of an installation in Monasterevin, Co Kildare. Saving on labour time is 50% over multilayer.



Example of an installation in Kinsale, Co. Cork. Saving on labour time is 60% over compression.

THE BENEFITS OF THE QUAL-PEX PLUS+ 'EASY-CRIMP' SYSTEM.

S.A.F.E. : SLEEK, AFFORDABLE, FAST, EFFICIENT.

- ✓ No Expensive tooling – theft of other crimp tools a major problem, no insurance.
- ✓ No confusion over jaw profiles and wall diameter etc.
- ✓ No problems associated with mixing and matching systems.
- ✓ No difficulty pulling through joists.
- ✓ No issue fitting in studwork: Much smaller and neater.
- ✓ No risk of nut loosening behind stud wall Compression elbow v Qual-PEX Plus+ 'Easy-Crimp' System.
- ✓ No working with heavy press machines on site all day.
- ✓ No battery charging required
- ✓ No water/metal contact. Completely corrosion resistant.
- ✓ No joint preparation required – FAST.
- ✓ No fitting required in base as per conduit shoe v compression elbow on copper.
- ✓ Availability of Manufacturers reps.
- ✓ Wide network of Qual-PEX stockists – full range of multilayer not stocked in many merchants.
- ✓ Speed.
- ✓ Approval from engineers.
- ✓ Tooling up for the Qual-PEX Plus+ 'Easy-Crimp' System is inexpensive. This is a major benefit.
- ✓ As your company expands, no forking out thousands of Euro on tooling up.
- ✓ Simple, controlled and accurate joint – every time.
- ✓ 50 Year Guarantee.

QUAL-PEX PLUS+ 'EASY-CRIMP' FITTING

Pipelife have developed an extensive range of quality crimp fittings which have complete compatibility with Qual-PEX Plus+ 'Easy-Lay' pipe. The premium grade annealed aluminium protective metal sleeve is precisely attached to each fitting during production and is designed to provide a unique metal reinforced leak free joint.

The polymer fittings are made from a high performance thermoplastic.

The polymer fittings can withstand high temperatures and are corrosion resistant.

Users of Qual-PEX Plus+ 'Easy-Crimp' fittings will find installation much quicker, easier and more economical than other available systems.

The maximum operating temperature for the Qual-PEX Plus+ 'Easy-Crimp' System is 82°C. Please ensure that the system is suitably calibrated not to exceed these conditions.



NEW
extended range
of fittings
coming on-line
in 2019!

**STRAIGHT CONNECTOR**

CODE	SIZE	BAG QTY
3095210060	1/2"	25
3095210065	3/4"	25

**TEE CONNECTOR**

CODE	SIZE	BAG QTY
3095210055	1/2"	25
3095210075	3/4"	25

**SPIGOT REDUCER**

CODE	SIZE	BAG QTY
3095210080	3/4" X 1/2"	25

**STRAIGHT TAP CONNECTOR**

CODE	SIZE	BAG QTY
3095210105	1/2"	25
3095210110	3/4"	25

**ELBOW CONNECTOR**

CODE	SIZE	BAG QTY
3095210040	1/2"	25
3095210045	3/4"	25

**REDUCING TEE**

CODE	SIZE	BAG QTY
3095210070	3/4" x 3/4" x 1/2"	25
3095210090	3/4" x 1/2" x 1/2"	25
3095210100	3/4" x 1/2" x 3/4"	25

**STOP END**

CODE	SIZE	BAG QTY
3095210050	1/2"	25
3095210085	3/4"	25

**MALE STRAIGHT CONNECTOR**

CODE	SIZE	BAG QTY
3095210115	1/2"	25

**RADIATOR TAIL CONNECTOR**

CODE	SIZE	BAG QTY
3095210265	1/2" x 15mm x 300mm	1

Qual-Pex Plus+ Clamp Tool – Millions of connections can't be wrong!

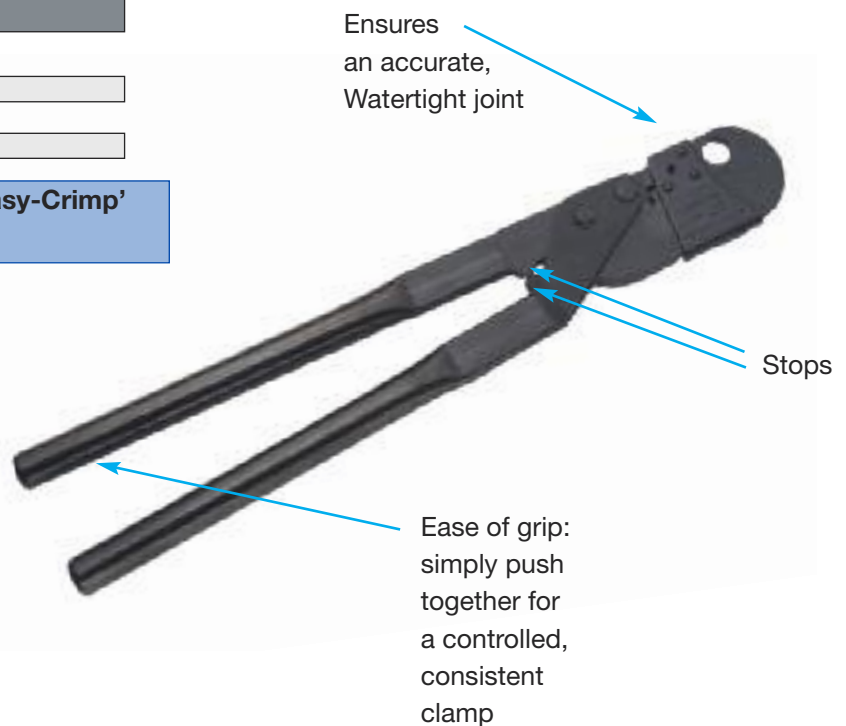
The patented Pipelife clamp tool is an integral feature of the Qual-PEX Plus+ 'Easy-Crimp' System and ensures a simple, accurate, watertight joint every time.

As the tool clamps onto the aluminium sleeve, it 'work hardens' the section within the jaws of the tool, making a watertight joint and leaving a section of the aluminium sleeve on both sides still in the annealed state. This ensures that there is no stress on the pipe or the crimp fitting.

CRIMP TOOL

CODE	SIZE	BAG QTY	
3095210120	1/2"	1	
3095210125	3/4"	1	

Only compatible with Qual-PEX Plus+ 'Easy-Crimp' System manufactured by Pipelife Ireland.



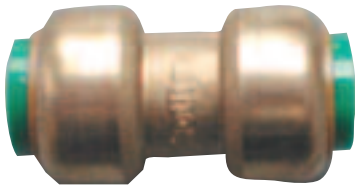
Key Advantages

- Robustness in design and parts, combined with the variety of sizes and styles available, mean many years of service onsite.
- Extremely easy to maintain – simply clean and lubricate moving parts regularly.
- Case hardened, precision manufactured components used throughout the tool ensure that a consistent clamping force is applied throughout the life of every Qual-Pex clamp tool.
- Ensures a reliable, long-lasting, leak-free joint every time as clamping applies sufficient force to "cold form" each clamp ring that is clamped.
- Positive stop for clamping action ensures that the correct clamping force is applied to the joint every time, without requiring judgment on the part of the operator. This feature guarantees that Qual-Pex Crimp fittings will not be overstressed by the application of too much clamping force when making a joint.
- Well thought-out design ensures problem-free clamping of joints every time, even in those hard-to-get situations, with reduced incidence of 'angled clamping'.
- The Qual-PEX Clamp Tool is available in two sizes, 1/2" and 3/4".
- Pipelife Clamp Tools are supplied with a 12 month guarantee from date of purchase.

Tectite fittings simply push together in seconds to create a perfect joint. No blow torches, no solder, no heavy or expensive tools.

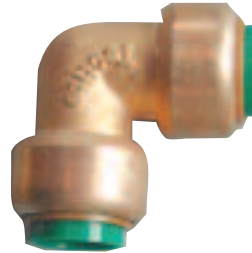
Choose Tectite and you avoid the need to purchase and store gases, adhesives, fluxes, solders or any other materials or equipment.

- Irish Size Brass Push-Fit Fittings
- Push-fit installation = saves on time and money
- Easy to de-mount
- Easy application in hard to reach places.
- IAB Approved
- Unique IAB system certified with Qual-PEX
- 50 year Guarantee
- Easy installation
- Push-fit installation
- For use:
 - Mains feed
 - Pressurised plumbing systems
 - Open vented systems
 - Sealed Heating Systems
 - Hot & cold water systems



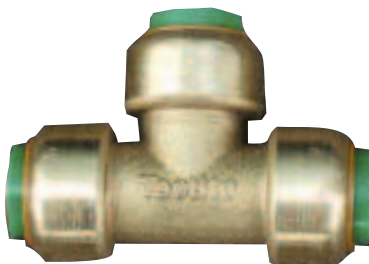
STRAIGHT CONNECTOR

CODE	SIZE	BAG QTY	CARTON QTY
3095800080	1/2"	10	150
3095800000	3/4"	5	100
3095800190	1"	5	50



ELBOWS

CODE	SIZE	BAG QTY	CARTON QTY
3095800010	1/2"	10	150
3095800150	3/4"	5	80
3095800230	1"	5	40



TEE

CODE	SIZE	BAG QTY	CARTON QTY
3095800020	1/2"	10	100
3095800030	3/4"	5	50
3095800250	1"	2	20



REDUCING TEE

CODE	SIZE	BAG QTY	CARTON QTY
3095800090	3/4" x 3/4" x 1/2"	5	50
3095800100	3/4" x 1/2" x 3/4"	5	50
3095800180	3/4" x 1/2" x 1/2"	5	50
3095800260	1" x 1" x 3/4"	2	20
3095800280	1" x 3/4" x 1"	2	20
3095800270	1" x 3/4" x 3/4"	2	20



SPIGOT REDUCER

CODE	SIZE	BAG QTY	CARTON QTY
3095800040	3/4" x 1/2"	5	100
3095800300	1" x 3/4"	5	50

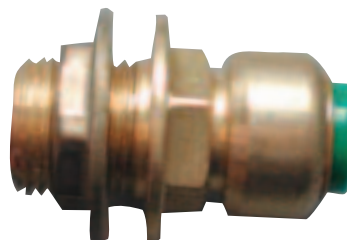


MALE BSP ADAPTOR

CODE	SIZE	BAG QTY	CARTON QTY
3095800240	1/2"	10	200
3095800170	3/4"	5	100
3095800330	3/4" x 1"	5	80

**FEMALE BSP ADAPTOR**

CODE	SIZE	BAG QTY	CARTON QTY
3095800320	3/4" x 1"	5	80

**TANK CONNECTOR**

CODE	SIZE	BAG QTY	CARTON QTY
3095800160	1/2"	5	100
3095800200	3/4"	5	100

**STOP END**

CODE	SIZE	BAG QTY	CARTON QTY
3095800060	1/2"	10	400
3095800050	3/4"	5	150

**BENT TAP CONNECTOR**

CODE	SIZE	BAG QTY	CARTON QTY
3095800070	1/2"	10	100

**STRAIGHT TAP CONNECTOR**

CODE	SIZE	BAG QTY	CARTON QTY
3095800110	1/2"	10	150
3095800120	3/4"	5	80

**RELEASE TOOL**

CODE	SIZE	BAG QTY	CARTON QTY
3095800130	1/2"	1	750
3095800140	3/4"	1	350

**RELEASE CLIP**

CODE	SIZE	BAG QTY	CARTON QTY
3095800210	1/2"	1	50
3095800220	3/4"	1	50

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- A range of WRAS approved, brass bodied, press fittings designed to be installed with the use of electric or manual pressing devices. Once pressed, the fitting produces a joint with maximum stability and duration.
- Our Ger-Pex Press Fittings have been developed to be used with Multi-Layer Composite Pipe as a clean, simple and more efficient alternative to traditional joining methods such as soldered copper and threaded stainless fittings. With a definite press of each fitting the system will also give more confidence to the installer, developer and end user than push fittings.
- The brass bodied fittings with double o-ring technology and combined sight hole, dielectric ring and jaw alignment collar help to ensure that the pipe is fully inserted and pressed correctly, every time.

**PEX-AL-PIPE**

CODE	DESCRIPTION	BAG QTY
3095903010	16mm x 2mm x 100M	1
3095903885	16mm x 2mm x 500M	1
3095903510	20mm x 2mm x 100M	1
3095903520	26mm x 3mm x 50M	1
3095903580	32mm x 2mm x 50M	1

PRE- INSULATED PIPE

CODE	DESCRIPTION	BAG QTY
3095903020	16x2mm x 6mm x 100m	1
3095903370	20x2mm x 6mm x 50m	1
3095903530	26x2mm x 9mm x 50m	1
3095903130	32x2mm x 9mm x 25m	1

**STRAIGHT**

CODE	DESCRIPTION	BAG QTY
3095903060	16 x 16	10
3095903230	20 x 20	10
3095903450	26 x 26	5
3095903470	32 x 32	5

REDUCING STRAIGHT

CODE	DESCRIPTION	BAG QTY
3095903240	20 x 16	10
3095903460	26 x 20	5
3095903750	32 x 20	5
3095903480	32 x 26	5

**MALE STRAIGHT**

CODE	DESCRIPTION	BAG QTY
3095903250	16mm x 1/2"	10
3095903260	20mm x 3/4"	10
3095903270	26mm x 3/4"	5
3095903380	26mm x 1"	5
3095903050	32mm x 1"	5

FEMALE STRAIGHT

CODE	DESCRIPTION	BAG QTY
3095903490	16mm x 1/2"	10
3095903390	20mm x 3/4"	10
3095903400	26mm X 3/4"	5
3095903310	26mm x 1"	5
3095903500	32mm x 1"	5

**ELBOW**

CODE	DESCRIPTION	BAG QTY
3095903090	16 x 16	10
3095903200	20 x 20	10
3095903210	26 x 26	5
3095903030	32 x 32	5

**MALE ELBOW**

CODE	DESCRIPTION	BAG QTY
3095903180	16mm x 1/2"	10
3095903770	20mm x 1/2"	10
3095903340	20mm x 3/4"	10
3095903640	26mm x 3/4"	5
3095903410	32mm x 1"	5

**FEMALE CONNECTING ELBOW**

CODE	DESCRIPTION	BAG QTY
3095903420	16mm x 1/2"	10
3095903190	20mm x 1/2"	10
3095903300	20mm x 3/4"	10
3095903650	26mm x 3/4"	5
3095903430	32mm x 1"	5

**EQUAL TEE**

CODE	DESCRIPTION	BAG QTY
3095903080	16 x 16 x 16	5
3095903150	20 x 20 x 20	5
3095903440	26 x 26 x 26	5
3095903620	32 x 32 x 32	5

**REDUCING TEE**

CODE	DESCRIPTION	BAG QTY
3095903140	16 x 20 x 16	5
3095903870	20 x 26 x 20	5
3095903360	20 x 16 x 16	5
3095903630	20 x 20 x 16	5
3095903330	20 x 16 x 20	5
3095903815	20 x 32 x 20	5
3095903790	26 x 16 x 20	5
3095903320	26 x 16 x 26	5
3095903720	26 x 20 x 20	5
3095903740	26 x 26 x 16	5
3095903710	26 x 26 x 20	5
3095903590	26 x 20 x 26	5
3095903820	26 x 32 x 26	5
3095903780	32 x 32 x 16	5
3095903830	32 x 26 x 20	5
3095903570	32 x 16 x 32	5
3095903540	32 x 20 x 20	5
3095903170	32 x 20 x 32	5
3095903550	32 x 32 x 20	5
3095903290	32 x 26 x 32	5
3095903560	32 x 32 x 26	5
3095903825	32 x 20 x 26	5
3095903835	32 x 26 x 26	5

**FEMALE BACK PLATE**

CODE	DESCRIPTION	BAG QTY
3095903160	16mm x 1/2"	10

**RADIATOR CONNECTOR**

CODE	DESCRIPTION	BAG QTY
3095903600	16 x 15mm	1

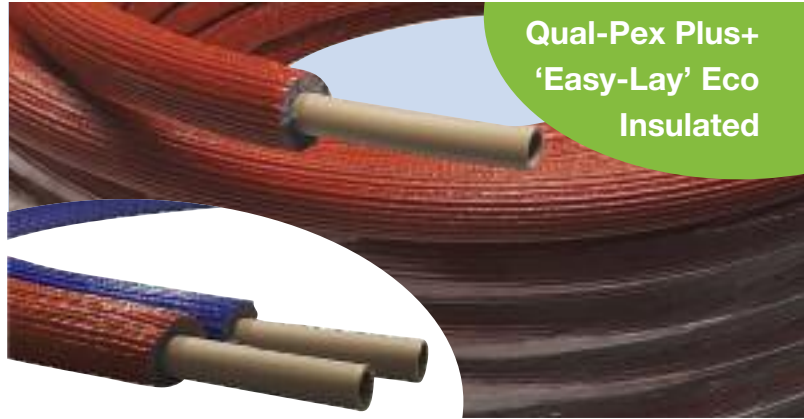


Make the Quality Connection with Qual-Pex Plus+ **Eco** Range

Qual-Pex Plus+
Eco Underfloor
Heating



Qual-Pex Plus+
'Easy-Lay' Eco
Insulated



Qual-Pex Plus+
'Easy-Lay'
Eco Duo



Qual-Pex
Plus+ Eco
Heat Pumps



- The Qual-Pex Plus+ Eco range of products has been designed to meet the rapidly changing needs of the heating and plumbing markets
- Energy efficient heating solutions from a name you can trust
- Manufacturing and innovating in Ireland for over 45 years
- Professional Design Indemnity Insurance - Pipelife accepts full responsibility for the design of the system and the specification and supply of materials.
- Unbeatable 50 year warranty - As the pipe manufacturer, Pipelife guarantees our pipe for 50 years, which is vital when the pipe is being buried within the floor structure for the lifetime of the building
- Working with the merchant, installer & homeowner before, during and after the project

Phone: 021 4884700 • Email: Ireland@pipelife.com

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QUAL-PLAST LOW-DENSITY POLYTHENE PIPE

Manufactured to IS 134/1977.

PRODUCT CODE	DESCRIPTION	MEAN O.D. (mm)	MEAN WALL THICKNESS (mm)	PRESSURE RATING (bar)
Normal Gauge				
3096400000	1/2" x 150m NG	17.1	2.4	9
3096400010	3/4" x 150m NG	25.2	3.3	7.9
3096400020	1" x 150m NG	31.5	3.3	6.2
3096400030	1 1/4" x 150m NG	37.8	3.3	5.2
3096400040	1 1/2" x 150m NG	44.1	3.7	4.8
3096400050	2" x 150m NG	60.4	4.9	4.8
Heavy Gauge				
3096400060	1/2" x 150m HG	20.9	4.6	14.5
3096400070	3/4" x 150m HG	27.2	4.6	10.3
3096400080	1" x 150m HG	34.1	4.6	8.3



QUAL-PLAST BLUE M.D.P.E (PE80)

Manufactured and certified to EN12201 specification.

Blue Medium Density (PE80) Polyethylene Service Pipes for Potable Water and Industrial uses manufactured in accordance to EN12201 Specification. Also manufactured to BSEN12201 with BS Kitemark.

Max operating temperatures - 16 bar for 20mm and 12.5 bar for all other sizes

OUTSIDE DIAMETER (MM)

MIN	MAX
20	20.3
25	25.3
32	32.3
50	50.4
63	63.4



PRODUCT CODE	DESCRIPTION	25M	50M	100M	150M
3096300000	Blue 20mm	✓			
3096300010	Blue 20mm		✓		
3096300020	Blue 20mm			✓	
3096300030	Blue 20mm				✓
3096300040	Blue 25mm	✓			
3096300050	Blue 25mm		✓		
3096300060	Blue 25mm			✓	
3096300070	Blue 25mm				✓
3096300080	Blue 32mm	✓			
3096300090	Blue 32mm		✓		
3096300100	Blue 32mm			✓	
3096300110	Blue 32mm				✓
3096300130	Blue 40mm			✓	
3096300140	Blue 40mm				✓
3096300150	Blue 50mm	✓			
3096300160	Blue 50mm		✓		
3096300170	Blue 50mm			✓	
3096300180	Blue 50mm				✓
3096300190	Blue 63mm	✓			
3096300200	Blue 63mm		✓		
3096300210	Blue 63mm			✓	
3096300220	Blue 63mm				✓

QUAL-GAS (PE80) YELLOW MDPE PIPE

Manufactured and certified to EN1555 and GIS/PL2-2 specifications (yellow).

Yellow Medium Density (PE80) Polyethylene Gas Pipes manufactured in accordance to IS EN1555 Specification.

*Sizes 20mm - 63mm manufactured with BS Kitemark to GIS/PL2-2.

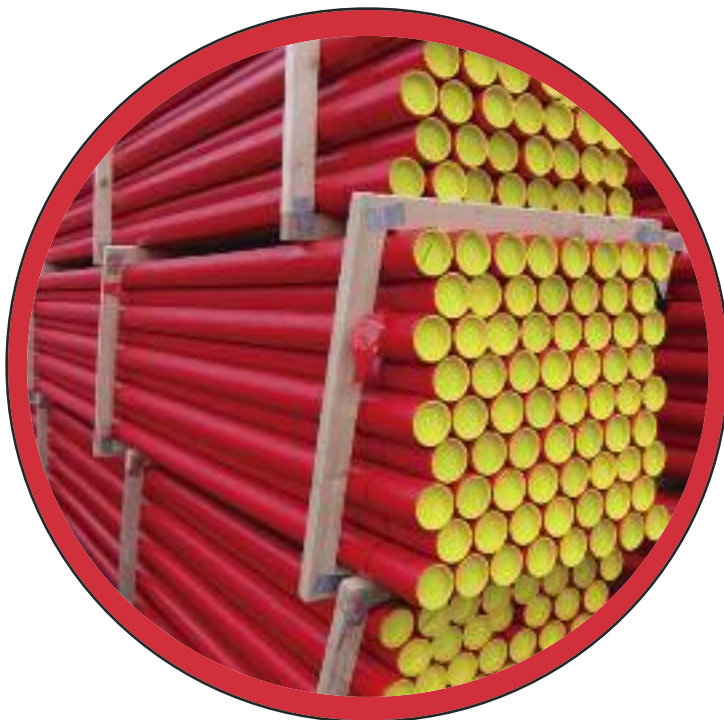
MEAN OUTSIDE D.A		SDR	WALL THICKNESS (MM)	
MIN	MAX		MIN	MAX
20.0	20.3	9	2.3	2.6
25.0	25.3	11	2.3	2.6
32.0	32.3	11	3.0	3.4
63.0	63.4	11	5.8	6.5

CODE	DESCRIPTION
3096300410	20mm x 50m
3096300420	20mm x 100m
3096300430	25mm x 50m
3096300440	25mm x 100m
3096300450	32mm x 50m
3096300460	32mm x 100m
3096300470	63mm x 50m
3096300480	63mm x 100m



POLYTHENE DUCTING

ESB Red Duct - manufactured and certified to ESB specification no: 16113 - for ESB Cable.



CODE	DESCRIPTION
Red ESB Ducting	
3096500070	50mm x 50m
3096500080	50mm x 100m
3096500090	50mm x 150m
Black Ducting	
3096500030	150m x 32mm
3096500050	150m x 38mm
3096500100	150m x 50mm
3095500200	50mm RED ESB Couplers
3095500220	50mm Red Double Socket ESB Bend
3095500210	Hockey Sticks (Lynplast)
Lengths	
3096500110	9m x 110mm
3096500150	9m x 125mm
3096500170	9m x 160mm
3096500180	9m x 200mm

NO UNDERGROUND JOINTS

ELIMINATES MANHOLE ACCESS REQUIREMENTS

- Qual-Oil Pipe is made from PEX material, which makes it durable and yet flexible and easy to install.
- No need to oversize your oil line as Qual-Oil is available in 10mm, 15mm, 22mm & 28mm
- Qual-Oil Pipe has many advantages over the traditionally used copper pipe, such as:
 - Qual-Oil Pipe is impervious to concrete
 - 50m & 100m coils mean no buried joints
- Qual-Oil is approved by OFTEC (OFCERT Licence No. 2064099901)
- Aesthetically pleasing conifer green colour compatible with outdoor environment.
- Qual-Oil Pipe can be stored in the open as it is UV stabilised
- Qual-Oil Pipe is resistant to freeze bursting - the pipe is tested and rated down to -20°C.
- Qual-Oil Pipe has a 25 year manufacturer's guarantee subject to maximum service conditions of:
 - 10 Bar at 20°C
 - 5 Bar at 50°C
- Qual-Oil Pipe is very competitively priced.



QUAL-OIL PIPE - FROM OIL TANK TO FIRE VALVE

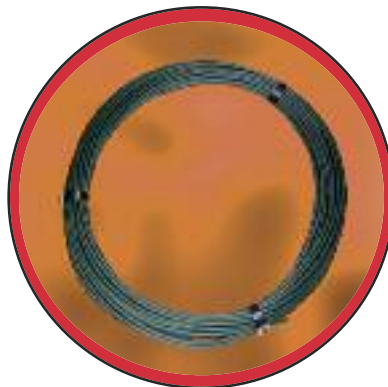


CODE	SIZE	PACK QTY
3096100900	10mm x 50m	1
3096100910	10mm x 100m	1
3096100920	15mm x 50m	1
3096100930	15mm x 100m	1

QUAL-OIL COPPER PIPE INSERTS

These must be used at every Qual-OIL joint.

CODE	SIZE	PACK QTY
3095100980	10mm	50
3095100990	15mm	50



Pipelife Service Centre –

What makes us different?

-  DESIGN & SUPPLY
-  ON-SITE TECHNICAL SUPPORT
-  COMMISSION
-  100% IRISH
-  OVER 45 YEARS IN BUSINESS
-  LEADING MANUFACTURERS GUARANTEE
-  FULL DESIGN & PRODUCT LIABILITY INSURANCE



PVC FITTINGS



Fixed Sealing Ring

No possibility to displace the sealing ring.



High chemical resistance

Both for aggressive sewage and foul and storm water.



Heat Resistant

Resistant to temperatures up to 45°C for constant flow.



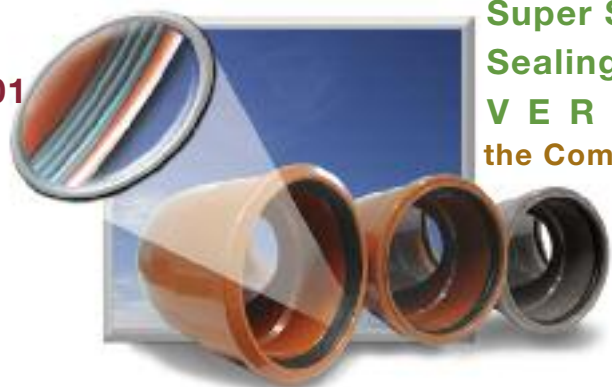
Easy to Ship

Pipelife fittings are very light and yet have high stiffness making them easy to transport and place, which speeds up assembling.



Certified to Standard EN 1401

- Long Lifetime
- Smooth Inner Surface



Super Size Sealing Ring VERSUS the Competition

EN 1401 CERTIFIED

PVC UNDERGROUND DRAINAGE SYSTEMS

110mm (4") Underground - Sewer Fittings



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196900075	15° Single Socket Bend	10	700
1196900072	15° Double Socket Bend	10	700
1196900094	30° Single Socket Bend	18	720
1196900091	30° Double Socket Bend	15	600



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196900113	45° Single Socket Bend	24	700
1196900110	45° Double Socket Bend	24	700
1196900137	90° Single Socket Bend	15	375
1196900134	90° Double Socket Bend	15	375



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196901240	45° Treble Socket Branch	10	250
1196901244	45° Double Socket Branch	10	250
1196901275	90° Treble Socket Branch	10	300
1196901279	90° Double Socket Branch	10	350



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196900131	90° Double Socket Rest Bend		
3095401190	45° Single Socket Long Radius Bend		
3095401240	90° Single Socket Long Radius Bend		



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196901162	Double Socket Coupling	24	960
1196900811	Slip/Repair Coupling	24	960



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1195001805	Complete Gully	8	160
1196901136	Gully Base	12	300
1196900990	Hopper & Grid	15	1050
1196900218	Grid	60	



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196900512	Dual Cap Plug		

160mm (6") Underground - Sewer Fittings



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196900082	15° Single Socket Bend	6	240
1196900080	15° Double Socket Bend	6	240
1196900101	30° Single Socket Bend	6	240
1196900099	30° Double Socket Bend	6	240



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196900122	45° Single Socket Bend	6	210
1196900120	45° Double Socket Bend	6	210
1196900144	90° Single Socket Bend	5	150
1196900142	90° Double Socket Bend	5	15



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196901263	45° Treble Socket Branch	5	100
1196901265	45° Double Socket Branch	5	10
1196901298	90° Treble Socket Branch	6	120
1196901300	90° Double Socket Branch	5	10



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196901259	45° Double Socket Reducing Branch	5	150
1196901257	45° Treble Socket Reducing Branch	5	150
1196901294	90° Double Socket Reducing Branch	5	150
1196901292	90° Treble Socket Reducing Branch	5	150



CODE	DESCRIPTION	CTN QTY	PALLET QTY
3095401380	45° Single Socket Long Radius Bend		150
3095401370	90° Single Socket Long Radius Bend		150



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196901166	Double Socket Coupling	12	360
1196900815	Slip/Repair Coupling	12	360
1196901332	Reducing Coupling	12	420



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196900516	Dual Cap Plug	35	1050

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PVC SOIL SYSTEM 110mm (4") Grey Soil Fitting



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196900074	15° Single Socket Bend	10	700
1196900071	15° Double Socket Bend	10	700
1196900093	30° Single Socket Bend	18	720
1196900090	30° Double Socket Bend	15	600



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196901242	45° Treble Socket Branch	10	250
1196901243	45° Double Socket Branch	10	250
1196901274	90° Treble Socket Branch	10	350
1196901277	90° Double Socket Branch	10	350



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1195001681	90° Short Access Bend	12	300



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196900511	Dual Cap Plug	130	3250
1195000416	Access Cap	20	1400



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196900112	45° Single Socket Bend	24	700
1196900109	45° Double Socket Bend	24	700
1196900136	90° Single Socket Bend	15	375
1196900133	90° Double Socket Bend	15	375



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196900794	90° Double Socket Access Branch	10	
1196900792	90° Treble Socket Access Branch	10	300



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196901159	Double Socket Coupling	24	960
1196900812	Slip/Repair Coupling	24	960



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196900828	Pipe Clip	100	2000
3095401880	Cowl	10	1400

110mm (4") Black Soil Fitting



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196900114	45° Single Socket Bend	24	700
1196900111	45° Double Socket Bend	24	700
1196900138	90° Single Socket Bend	15	375
1196900135	90° Double Socket Bend	15	375



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1195001682	90° Short Access Bend	12	250



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1195000430	Access Cap	20	1400



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196901241	45° Treble Socket Branch	10	250
1196901245	45° Double Socket Branch	10	250
1196901276	90° Treble Socket Branch	10	350
1196901278	90° Double Socket Branch	10	350



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196901163	Double Socket Coupling	24	960
1196900812	Slip/Repair Coupling	24	960



CODE	DESCRIPTION	CTN QTY	PALLET QTY
1196900827	Pipe Clip	100	2000
3095401500	Cowl	10	1400

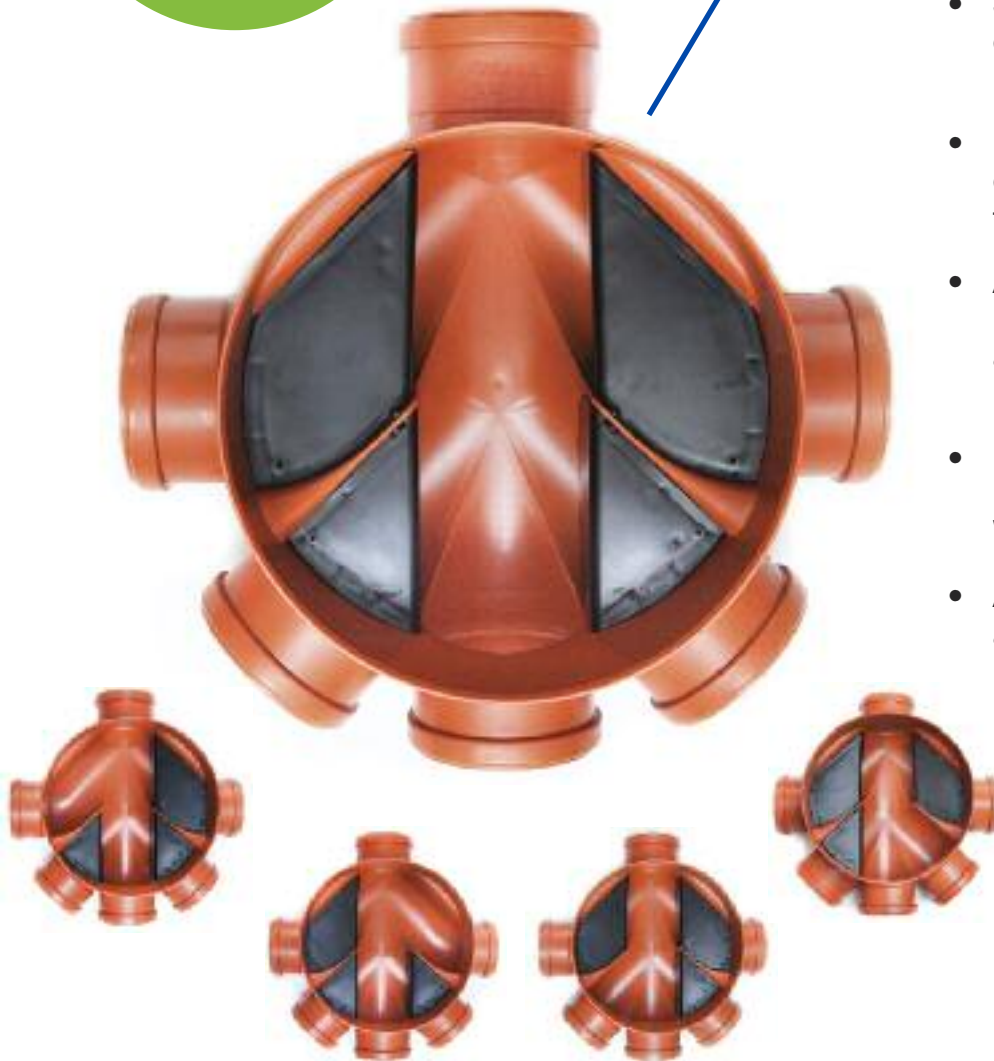
NEW UNIVERSAL ACCESS JUNCTION SYSTEM**1 ACCESS JUNCTION = 16+ CONNECTION POSSIBILITIES**

Our new universal Access Junction offers customers varied connection options to cover all their needs.

**Available
now
from all leading
Merchants
Nationwide**

Features

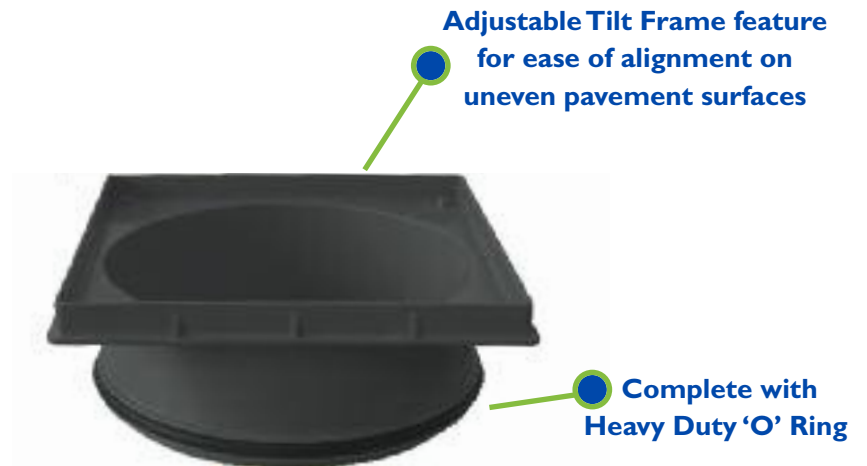
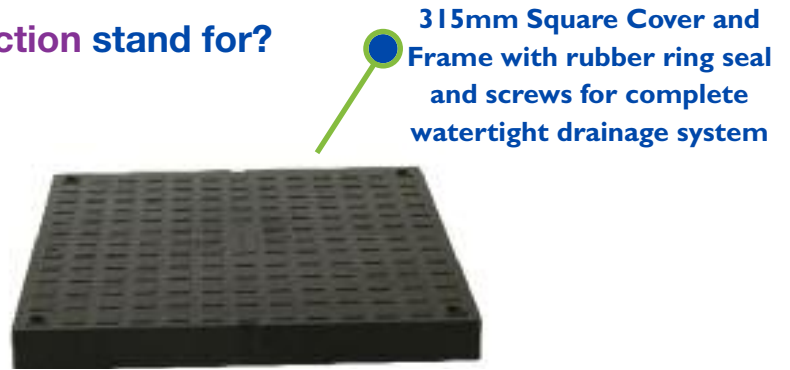
- A Multi-Purpose Access Junction base with options to suit every requirement
- Quick and easy installation
- Robust but light base for ease of use
- Single level flow system designed to minimise the risk of drainage blockage
- Blanking Plugs supplied for different option system flow profiles
- Access Junctions are a proven product allowing access for inspection or rodding in sewer pipe runs
- For 110mm (4") pipe
Material: Brown PVC-u
Weight: 4kg approx
- AJ Cover and Frame also available (sold separately)



**Manufactured
& Tested to
EN13598
Requirements**

What does the Pipelife Access Junction stand for?

- **Fixed Sealing ring**
No possibility to displace the sealing ring
- **High chemical resistance**
Both for aggressive sewage and foul and storm water
- **Heat Resistant**
Resistant to temperatures up to 45°C for constant flow.
- **Easy to Ship**
- **Pipelife fittings are very light and yet have high stiffness making them easy to transport and place, which speeds up assembling.**
- **Super Size Sealing ring Versus the competition**
- **AJ Plugs also sold separately –**
 - 90° Left AJ Plug
 - 45° Left AJ Plug
 - 90° Right AJ Plug
 - 45° Left AJ Plug



Access Junctions

CODE	DESCRIPTION	CTN QTY
1195001684	AJ 6 Way	20
1196901442	90° Left AJ Plug	
1196901443	45° Left AJ Plug	
1196901444	90° Right AJ Plug	
1196901445	45° Right AJ Plug	
1195001686	Cover & Frame	63
1196900475	Riser	54
1196901139	Socket Plug	

Premium
Products
Economy
Prices



Live in comfort with Qual-Pex **Eco** Underfloor Heating System

High quality, dependable products



True **warmth** throughout your home



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WHAT YOU NEED TO KNOW!

In 1996, the original Underfloor Heating department was set-up. Fast forward to 2017 and a new Renewables Division was established incorporating all the best the Pipelife Group has to offer. We cover every aspect of underfloor heating and integrated renewables and deliver fully designed, energy efficient systems to a range of Installers, Developers, Builders, Engineers & Architects.

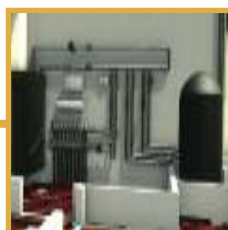
We have a proven track record of over 20 years service and commitment to the industry backed by exceptionally trained staff and a dedicated technical backup service. Combining all of these aspects results in an outstanding system, delivered in a professional and highly skilled manner second to none!

A PRODUCT FOR EVERY PROJECT

Our full range of underfloor heating solutions are made to suit any room, are manufactured from quality materials and complimented by our comprehensive range of controls.

Whether you're building a new house, adding an extension or renovating your home, we can help you find the right system for your project.

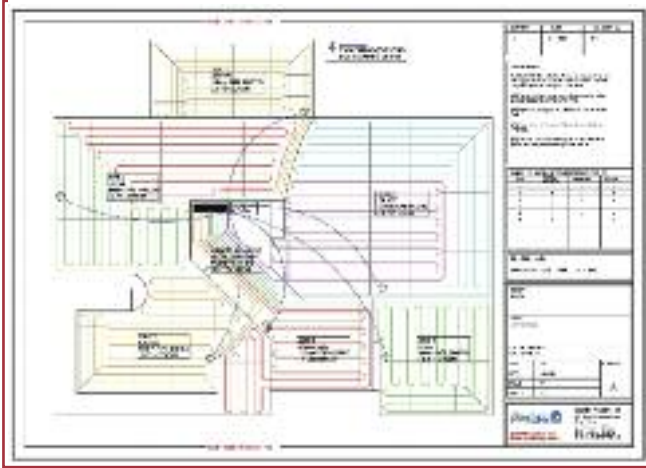
Our solutions are built to work efficiently with a range of floor coverings, from solid wood to tile and many more. They are ideal for large open plan living spaces and small en-suites alike.



What we offer -

- Bespoke systems
- Integrated systems
- Stand alone systems
- Technical Know How
- 20+ year's Experience
- Backup Service
- Irish Company
- Unrivalled expertise
- Commitment to YOU
- Peace of mind
- Latest AutoCAD Software used
- Professional Design Indemnity Insurance
- In-House specialist design software

Modern underfloor heating systems are clean, comfortable, and economical to run, virtually maintenance free and offer tremendous energy saving potential.

**DESIGN SERVICE**

At Pipelife, our Building Services Engineers design a system to meet the client's requirements by working in conjunction with them. By entering in the key factors to a specialist software package, we can determine the heat requirement for each room / zone to produce optimum comfort levels.

Our Renewable Department have been working hard implementing constructive changes in line with the Pipelife continual development plan and have come up with a new combination of materials and controls which will provide a reliable and cost effective control at a very competitive price.

In making these changes we have decreased the design time and now provide the most technically advanced systems at a very competitive price.

Our Building Services Engineers produce a pipe layout drawing for every individual project showing the configuration of each of the loops and the position of the manifold. A full design specification is produced detailing the design criteria and guidelines from the initial process of installing the pipe to the commissioning of the system and controls layout. This design is always project specific and each design is tailored to suit the client's requirements.

To obtain a quotation simply forward a good quality set of drawings to Pipelife, either directly by email or via a plumbing contractor / Qual-PEX stockist.

For experienced UFH installers who take full responsibility for their own designs Pipelife offers a simple quotation and component supply service. This option includes the following:

- Electrical Specification and layout
- Zone cutting list and pipe spacing measurements
- Free after sales technical backup phone service (Technical call outs available at extra cost)
- 50 year warranty on Qual-PEX pipe and 1 year manufacturer's warranty for ancillary components.

Pipelife accepts full responsibility for the design of the system and the specification and supply of materials. As an added re-assurance, for the customer, Pipelife carries professional indemnity insurance to cover all designs.

heatmiser

Slimline Thermostats

Our range of mains thermostats are "standard" products enabling the replacement of existing thermostats. These products can be used in conjunction with the Pipelife - UH8, our mains voltage central wiring switch box.



TOUCH SCREEN THERMOSTATS ALSO AVAILABLE ON REQUEST



Available in 3 plastic finishes:



Silver



White



Brass



Three ranges

230v Models can be used to upgrade existing thermostats and can be used in conjunction with our Pipelife - UH8 wiring centre.

12v Network Models have been designed to work as part of a network system, and can be used in conjunction with our UH1 wiring centre and network products.

Air/Floor Models are supplied with a remote floor sensor and provide the ability to measure room temperature, floor temperature or both.

Modern Slimline Appearance

The slimline thermostat series is flush mounting, resulting in a depth of only 13mm after installation.

Energy Saving Optimum start

Most home owners manually allow for a heat up time when programming their heating system. This manual method does not allow for seasonal changes. Optimum start is an energy saving feature that calculates the amount of heat up time required to ensure your home is warm when you wake and return home from

work. The thermostat will automatically adjust the heat up time throughout the year, saving you energy.

Temperature Hold Facility

This function allows you to hold a set temperature for a specific duration - ideal for parties. After the hold duration, the thermostat will revert back to the programmed setting.

Holiday Function

The holiday function reduces the set temperature in your home for the duration of your holiday. At the end of your holiday, the thermostat will revert back to the programmed setting, ensuring your home is warm on your return.

Optional Remote Control

All models within our slimline series are compatible with our Infrared remote control

Temperature Override

The override facility allows you to adjust the desired temperature in your home without the need to fully re-program the thermostat. This new set temperature will be maintained until the next programmed setting. An override limit function allows you to limit the use of temperature override keys.

	230v Models			12v Network Models				230v Air/Floor Models	
	DT	PRT	PRT/HW	DT-N	PRT-N	PRT/HW-N	PRT-EN	DT-E	PRT-E
Temperature Range	05-35°C 05-95°F	05-35°C 05-95°F	05-35°C 05-95°F	05-35°C 05-95°F	05-35°C 05-95°F	05-35°C 05-95°F	05-35°C 05-95°F	05-35°C 05-95°F	05-35°C 05-95°F
5/2 Day Programming Mode	No	Yes	Yes	No	Yes	Yes	Yes	No	Yes
7 Day Programming Mode	No	Yes	Yes	No	Yes	Yes	Yes	No	Yes
No of Heating Levels	1	4	4	1	4	4	4	1	4
Optimum Start	No	Yes	Yes	No	Yes	Yes	Yes	No	Yes
No of HW Times	0	0	4	0	0	4	0	0	0
Holiday Function	No	Yes	Yes	No	Yes	Yes	Yes	No	Yes
Keylock Function	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Temperature Hold Function	No	Yes	Yes	No	Yes	Yes	Yes	No	Yes
Temperature Override	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Temperature Override Limit	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Frost Protection	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Networking Facility	No	No	No	Yes	Yes	Yes	Yes	No	No
°C / °F Option	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Built In Air Sensor	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Floor Sensing Mode	No	No	No	No	No	No	Yes	Yes	Yes
Floor Sensor Included	No	No	No	No	No	No	Yes	Yes	Yes
Max Switching Current	3A	3A	3A	3A	3A	3A	3A	13A	13A
Accuracy	+/- 1°C	+/- 1°C	+/- 1°C	+/- 1°C	+/- 1°C	+/- 1°C	+/- 1°C	+/- 1°C	+/- 1°C
Infrared Remote Control Option	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Adjustable Switching Differential	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Changeover Output Option	Yes	Yes	No	No	No	No	No	No	No
Supply	230v	230v	230v	12v	12v	12v	12v	230v	230v
Dimensions	98x85x13mm	98x85x13mm	98x85x13mm	98x85x13mm	98x85x13mm	98x85x13mm	98x85x13mm	98x85x13mm	98x85x13mm
Weight	195g	195g	195g	195g	195g	195g	195g	195g	195g



heatmiser

4 channel time clock for time control of rads and hot water.

Four switches operated by a clock to control 4 separate heating systems independently. The user can choose one or more on or off cycles, daily and even weekly cycles depending on user preference. Time control of underfloor heating is controlled at room thermostats.

Touchscreen Time Clock



Available in 3 plastic finishes:



Silver



White



Brass



Two ranges

230v Models are designed to work with our UH8 wiring centre and dial thermostat with set back function, providing simple but effective control.

12v **Network Models** have been designed to work as part of a network system, and can be used in conjunction with our UH1 wiring centre and network products.

No of Switching Times

4 On/Off times are provided on all time clock models, allowing flexible control of your heating system.

On/Off/Constant

A mode select button providing an easy method of switching between permanent on, permanent off or auto (time clock mode) TM4 only.

Countdown Timer

A simple yet useful function that enables the output for the duration of the programmed countdown time.

+ Boost Facility

The programmable boost function allows you to extend the program time, in 30 minute increments - ideal for unscheduled operation of the system.



Pipelife UH8

This multi-functional panel with L.E.D. light indicators can incorporate the underfloor heating system for both ground and first floor (if required), domestic hot water and a radiator system. It is extremely versatile due to the fact that it has priority to hot water, connection for boiler and primary pump, boiler interlock provision, motorized valve control for radiator circuit, connection for time clock and individual zone control provision. It is suitable for pumped zone systems and has provisions for room thermostats, thermoelectric actuators and external wiring centre units. Quite simply, all the heating system control electrical connections are in one box.

Actuators

The electrothermic actuators are used for ON/OFF control of the opening and closing of a particular underfloor heating circuit on the manifold, (through a switch live by a room thermostat.) When the blue indicator is visible, the actuator is fully open. Allow approx. 2.5-3 minutes to energise from the fully closed position to the fully open position.



heatmiser

Wireless Thermostats

Wiring a conventional thermostat often includes lifting floor-boards or chasing out plaster work. Our wireless thermostats offer an effective alternative, and are the ideal choice for extensions or when you are looking to relocate your thermostat.



Touchscreen Wireless Thermostat Series



Relocate

Many thermostats are sited incorrectly, causing your boiler to come on more than necessary. A wireless thermostat allows you to move your thermostat to a more suitable position, without the need to run additional cables. What's more, our Touchscreen models have a desk stand, enabling you to move the thermostat around the house with you.

Rechargeable Battery (TouchScreen models only)

Our Wireless Touchscreen series incorporate a rechargeable battery, saving money on replacement batteries. A USB recharge cable is provided, and an optional plug-in charger is available.

Fail Safe

A loss of wireless connection could leave your home vulnerable to frost damage. The fail safe function enables the heating for 20% of the time, ensuring the temperature in your home does not drop to dangerous levels.

Slimline Wireless Thermostat Series



Available in plastic finishes:



Locking Facility

A simple way to reduce tampering of the system settings, and standard across our wireless thermostat series.

Electric Floor Heating

The electric floor heating models are capable of switching up to 16A and use a floor limiting sensor to protect the floor surface.



Wireless 230v 8 Zone Wiring Centre

The UH8-W is designed to be used in conjunction with our slimline wireless thermostats. The UH8-W provides central switching and is therefore ideally situated next to the underfloor heating manifold. 8 zones can be controlled as well as providing an output for a hot water cylinder. On demand from any zone, a 230v output is provided to switch the relevant zone actuators, underfloor heating pump and valve. A volt free connection is supplied for the boiler, making it compatible with almost all types of boilers. Up to 6 actuators can be connected to each zone. An external aerial is available for use when the UH8-W is being mounted in a metal cupboard or when the wireless signal is restricted.

A software option in the thermostat allows you to configure which zones are underfloor heating and which zones are radiators. Radiator zones will not enable the underfloor heating pump and underfloor heating valve when there is a call for heat.



NEO CONTROLS

Neo is the Smart Way to Control your Heating and Hot Water from Anywhere. Up to 32 Rooms can be controlled from your iPhone, Android and Windows Phone. NeoStat's are stylish, feature rich and are perfect for controlling underfloor heating, electric floor heating and conventional radiator heating systems.



NOW FEATURING GEO LOCATION

- Geo Location is an exciting new feature that makes it even easier to reduce your energy costs. Neo will lower the temperature in your home when it detects the last person has left and will turn the heating back on when it will detects someone is on their way home.
- Using the Location Services feature on your iPhone or Android SmartPhone, Neo can now help you reduce your energy consumption by turning the heating off when you're out.
- Supporting Multi Users, Neo can automatically reduce the temperature in your home when the last person leaves and increase the temperature when the first person returns.
- Neo has always been about Multi Zone and our Geo Location Feature is no different by allowing you to select which zones you want to control when you leave or return. Geo Location is perfect for busy households when a fixed heating schedule just isn't practical.

How does Geo Location work?

Geo Location uses the mobile phone masts, nearby WiFi and your GPS to calculate your position. When you setup Geo Location on Neo, you set a leaving and returning trigger. When you pass these triggers, Neo will adjust the temperature in your house

Reduce your Energy Cost and Return to a Cozy Home

You can decide the temperature that Neo will control to when you leave home and again when you return. The temperature you ask for will depend on the type of heating system you have and the time your home takes to warm up.

Notifications on your SmartPhone

You will see a notification on your phone when Neo has adjusted the temperature in your home - so you always know when Neo is saving you energy.





You're in Control?

You can set the distance for both leaving and returning home, so don't worry if you travel on foot, by car or high speed train - we have you covered.

Flexible Programming - That's the Neo Way

Other systems try and second guess what temperature you would like in your home. With Neo, you can program comfort levels to provide background heat and use the Geo Location feature to increase the temperature when you are returning home or to turn the heating off when you're going out.

Neo supports Multi Users

Each User will have their own login details for Neo. This means Geo Location will only turn the heating off when the house is empty. Each user can have their own preferred temperature settings - giving you a more personal Neo experience.

Neo has been designed to ensure that upgrading is as easy as possible and surprisingly affordable. If you already have a wired thermostat, there is usually no new wiring requirements and by using your homes existing wiring you don't have to worry about replacing batteries.

You also don't need any computer knowledge to start controlling your heating and hot water directly on the neoApp.

Slim & Stylish - Whether you prefer Sapphire Black or Glacier White, each neoStat's stylish design and slimline appearance ensures it remains discrete and as its little bigger than a standard light switch, you will notice what it does rather than where it is.

App Control

neoApp will positively change the way you control your home heating and hot water. No need to engage directly with time clocks or thermostats any longer, neoApp allows you to control everything directly on your SmartPhone or Tablet.

neoApp's intuitive design ensures programming and override features are quick and easy for anybody to use.

Lifestyles often follow patterns, Neo Profiles make changing patterns quick and easy. By setting up profiles, neoApp users are able to switch heating control parameters with a few quick screen taps.

Whether you have a different profile for the weekend, work pattern, month or season, neoApp allows you to instantly activate the profile that suits your immediate needs.

Getting connected to your Neo System couldn't be easier. neoHub plugs directly into your broadband router and communicates to all of your neoStat's via a mesh network. This mesh network provides a much more reliable and far reaching network than a standard RF system.



CODE	DESCRIPTION	PACK QTY
3095900050	PRT-E Programmable Room Thermostat 230v	1
3095900375	PRT-N Programmable Room Thermostat 12v	1
3095900220	PRT-HW-N Prog Room Thermostat HOT WATER 12v	1



CODE	DESCRIPTION	PACK QTY
3095900190	Wet Area Sensor 230v	1



CODE	DESCRIPTION	PACK QTY
3095900500	PRT-W - Programmable WIRELESS Room Thermostat	1
3095900510	PRT-HW-W - Wireless HOT WATER Room Thermostat	1



CODE	DESCRIPTION	PACK QTY
3095900210	Central Control Touchpad 12v	1



CODE	DESCRIPTION	PACK QTY
3095900170	NEO Room Thermostat	1
3095900340	NEO Room Thermostat HOT WATER	1



CODE	DESCRIPTION	PACK QTY
3095900350	UH8 Wiring Centre 230v	1
3095900360	UH1 Wiring Centre 12v	1



CODE	DESCRIPTION	PACK QTY
3095900180	NEO HUB	1



CODE	DESCRIPTION	PACK QTY
3095900490	UH8-W - WIRELESS Wiring Centre	1



CODE	DESCRIPTION	PACK QTY
3095900715	NEO - X Repeater	1

QUAL-PEX ECO: UNDERFLOOR HEATING SYSTEM


**QUAL-PEX PLUS+ "EASY-LAY"
MULTILAYER PIPE (WHITE)**

CODE	COILS	QTY
3096700500	16mm x 2mm x 100m	1
3096700510	16mm x 2mm x 150m	1
3096700520	16mm x 2mm x 500m	1
3096700540	20mm x 2mm x 100m	1
3096700560	26mm x 3mm x 50m	1
3096700580	32mm x 3mm x 25m	1

LENGTHS		
3096700530	16mm x 2mm x 6m	20
3096700550	20mm x 2mm x 6m	20
3096700570	26mm x 3mm x 6m	10
3096700590	32mm x 3mm x 6m	10


**UNDER-FLOOR HEATING
MANIFOLD CONNECTORS**

CODE	DESCRIPTION	PACK QTY
3095900631	15mm x 1.5mm	1
3095900632	16mm x 2mm	1
3095900638	Outlet Blanking Cap	1


MIXING VALVE

Mixing valve reduces the temperature of the water before it goes into the floor.

CODE	DESCRIPTION	PACK QTY
3095900627	3/4" Mixing Valve	1
3095900628	1" Mixing Valve	1


UNDER-FLOOR HEATING MANIFOLD ASSEMBLY

Pre-assembled on double offset bracket, nickel-plated brass, flow meters on flow (0-4 l/min, return rail capped and prepared for electro-thermic head fitting, flow and return prepared ready to receive mixing unit.

CODE	DESCRIPTION	PACK QTY
UFH Manifold		
3095900621	2 Port Manifold	1
3095900622	4 Port Manifold	1
3095900623	6 Port Manifold	1
3095900624	8 Port Manifold	1
3095900625	10 Port Manifold	1
3095900626	12 Port Manifold	1
3095900635	Manifold Extension Piece	1


CORRUGATED PROTECTIVE DUCTING

CODE	DESCRIPTION	PACK QTY
3096100600	19mm x 50m	1
3096100610	19mm x 100m	1


PRE-ASSEMBLED MIXING

CODE	DESCRIPTION	PACK QTY
309590075	Valve inc Pump	1

PIPE FIXING SYSTEM



CODE	DESCRIPTION	PACK QTY
Qual-PEX Rapid Rail		
3095900020	2m Qual-PEX Rapid Rail	10



CODE	DESCRIPTION	PACK QTY
Rapid Rail Clips		
3095900290	White 50mm (Box 200 Qty)	1
3095900030	White 60mm (Box 200 Qty)	1
3095900040	Black 60mm (Box 300 Qty)	1



CODE	DESCRIPTION	PACK QTY
Clip Gun		
3095900200	Clip Gun	1



CODE	DESCRIPTION	PACK QTY
Aluminium Diffuser Plates		
3095900600	Aluminium Diffuser Plates DOUBLE (each)	40



THERMOELECTRIC ACTUATOR

Fits directly to manifolds shown above to provide for fully automatic circuit control in conjunction with a suitable system control box.

CODE	DESCRIPTION	PACK QTY
3095900060	2-Wire Actuator 230V	1



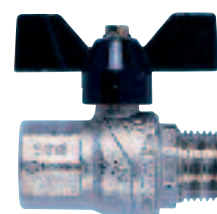
PIPE DECOILER

CODE	DESCRIPTION	PACK QTY
3095900260	Decoiler Unit - (for up to 600m coils of 16mm pipe)	1



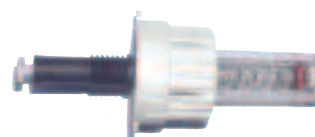
ZONE PUMP

CODE	DESCRIPTION	PACK QTY
3095900670	Grundfos 7m Head Variable Speed Pump	1



MANIFOLD SPARES

CODE	DESCRIPTION	PACK QTY
3095900634	Manifold Isolating Valve	1



CODE	DESCRIPTION	PACK QTY
3095900637	Flowmeter 0-4 l/min	1



Pipelife Renewable Service Centre – What makes us different?



At Pipelife we believe in providing our customers with a one-stop-shop for complete package solutions; from market-leading products, free initial advice, through to bespoke design, installation, final commissioning and technical support, allowing you to purchase with confidence.

Phone: 021 4884700 • Email: Ireland@pipelife.com

WWW.PIPELIFE.IE



CHANGING THE WAY WE HEAT OUR HOMES



COMPATIBLE
WITH RENEWABLE
SOURCES



LOWER
RUNNING
TEMPERATURE



LOWER RUNNING
COSTS
THAN ELECTRIC
UNDERFLOOR
HEATING
OR TRADITIONAL
RADIATORS



REDUCED
ENERGY
BILLS

HEAT PUMPS

AIR SOURCE HEAT PUMPS

What are they and how do they work?

Pipelife Ireland specializes in Hitachi Yutaki Heat Pumps which operate by transforming energy from the outside air into heat, meaning every 1kW of electricity used to power the heat pump is capable of providing up to 5kW of energy in a well-insulated home – helping to reduce heating bills by up to 60% and cutting CO2 emissions by 50% compared to traditional boiler-led systems.

Air source heat pumps extract heat from the outside ambient air all year round, even at temperatures as low as -25°C. Compact and virtually silent outdoor unit with award-winning DC Inverter PAM technology. We offer two variations on the Air Source Heat Pumps, a Mono-Bloc unit and a Split Combi Unit

THE BENEFITS FOR THE HOME OWNER

- Lower fuel bills
- Reduced carbon emissions
- Self-contained heating and hot water solution - just add a hot water tank
- Suitable for new build and renovation projects - can even be used with an existing boiler
- Up to 5x more efficient than a traditional gas boiler
- Satisfy renewable energy planning requirements
- 5 year warranty.

THE BENEFITS FOR THE INSTALLER

- Simple and fast installation with no refrigeration handling required (The Split unit requires Refrigeration pipe)
- Inverter technology means heat output matches the heating load of the property
- High COPs - market-leading COP of 5.0 (2HP model)
- Weather-compensation control
- World-renowned, highly-reliable Hitachi high pressure scroll compressor
- Outputs from 5kW to 16kW
- From 600mm compact height options
- Integrate with other renewable technologies
- 5 year warranty.



**COMPATIBLE
WITH RENEWABLE
SOURCES**



**LOWER
RUNNING
TEMPERATURE**



**LOWER RUNNING
COSTS
THAN ELECTRIC
UNDERFLOOR
HEATING
OR TRADITIONAL
RADIATORS**



**REDUCED
ENERGY
BILLS**

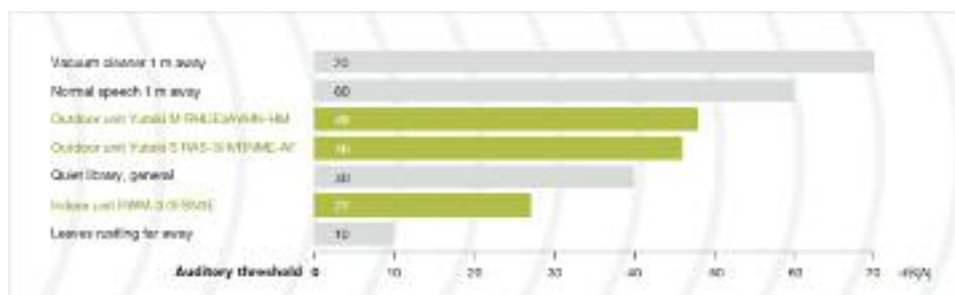
USER-FRIENDLY CONTROLS AND MARKET-LEADING EFFICIENCY

Is it easy to install?

Yes, during a renovation or for a new installation. Hitachi heat pumps can be connected to all conventional low temperature radiators, underfloor heating systems, convectors and water heaters – tailored to your requirements.

How quiet is a heat pump?

Hitachi focuses on your comfort. Ventilator blades and scroll compressor have been specially developed for a low noise level.



What features make Hitachi heat pumps so energy efficient?

Hitachi was one of the first manufacturers to use DC inverter technology for heat pumps. This keeps temperature fluctuations to a minimum, giving customers the opportunity to tailor the temperature of their homes to their own preference, whilst saving up to 40% of energy compared to systems without this technology.

Which Hitachi heat pump do I need?

It depends on many factors, including the size of your flat or house, the type and number of heating elements involved and hot water function. Your living environment also plays an important role. In general, you can use both Yutaki M and Yutaki S in connection with common radiators or underfloor heating systems. The Yutaki S heat pump is a split system, consisting of an outdoor unit and a separate indoor unit. In contrast, the Yutaki M heat pump is a compact solution, whereby only a single unit has to be installed on the outside. It does not take up much space and can use an existing heating solution. Pipelife will be happy to help you make the right decision.

Do you want to heat and regulate temperature?

No problem with the Yutaki S! The Yutaki S is a split system comprising an outdoor unit and a separate indoor unit. They are connected via a refrigerant pipe and are installed by a trained professional. All sizes are equipped with an electric heater as standard, which can be switched on as needed. This is particularly beneficial in transitional periods. The use of convectors as a heating system means that the Yutaki S can be used to regulate indoor temperatures in summer. It is especially suited to new builds that you ideally want to equip with underfloor heating. Its screed drying function is a real advantage here, which shortens the drying process considerably. It also has a legionella purge cycle, automatic summer cut-off (this does not affect service water heating) and the option of solar connection. Thus, its use can be customised all year-round.

Heat up properly with the Yutaki M

The Yutaki M heat pump in contrast is a compact solution that only requires one device to be installed outside. This makes it extremely space-saving. It can be used in new and existing buildings, because its bivalent operation controls your conventional heating directly through an integrated regulator and switches on automatically as needed. Both heating systems work best with underfloor heating or low temperature radiators, because the heat pumps do not have to run at the highest level to achieve the maximum temperature (e.g. 60°C with conventional radiators). Both can be connected to a service water tank.

THE YUTAKI FAMILY OF AIR SOURCE HEAT PUMPS

SUITABLE FOR REFURBISHMENT PROJECTS AND NEW BUILD INSTALLATIONS

MONO-BLOC UNIT YUTAKI-M

Comfort and efficiency

- One of the best COPs on the market
The exceptional performance of the YUTAKI-M significantly reduces your client's heating bills.
- YEAR-ROUND COMFORT
Able to produce water up to 60°C, depending on outdoor temperatures, it ensures optimal comfort even during the coldest of periods.

Ease of installation

- **MONOBLOC SOLUTION**
The YUTAKI-M is a monobloc hot water/air pump, which therefore does not require the installation of a cooling circuit or a hydraulic module inside the house.
- **NEW PLUG & PLAY REMOTE CONTROL**
Easy to connect, the remote control comes with a terminal to plug the remote into.

The remote control is easy to install:

- Directly onto a wall
- On a DIN rail (electric cabinet).

A compact solution where a single unit is installed on the outside of the property, taking up no space inside and can be used alongside an existing heating solution. The heat pump is connected to the indoor heating system simply by laying two heat insulated pipes and the electric connection cables under the ground.

The Yutaki-M Monobloc air-to-water heat pump systems are available in single phase capacities of 7.5kW - 16 kW, or three phase capacities of 7.5 kW to 16 kW.

The Yutaki M can provide domestic hot water and heating and is therefore ideal boiler replacement technology in a suitably insulated home or it can be used alongside an existing heating solution.



It is a compact solution where a single unit is installed on the outside of the property, taking up no space inside

- Monobloc air-to-water heat pump system
- Domestic hot water as well as heating – ideal boiler replacement technology
- Energy efficient
- Screed drying function ideal for new builds
- Easy-to-use wireless controller with one-touch holiday button and frost protection as standard.
- Weather Compensation Control
- Generate hot water up to 60°C
- DHW Legionella Protection Program
- ErP energy efficiency class of up to A+++



YUTAKI-M AIR-TO-WATER HEAT PUMP

Outdoor Unit Model		RASM-3VNE	RASM-4(V)NE	RASM-5(V)NE	RASM-6(V)NE
Nominal Capacity (max)	kW	7.50 (11.00)	11.00 (15.20)	14.00 (16.70)	16.0 (17.80)
Water 30/35°C, Ambient 7db/6wb°C	COP	4.55	5.0	4.71	4.57
Nominal Capacity (max)	kW	7.50 (10.00)	11.00 (14.10)	14.00 (15.70)	16.0 (17.30)
Water 40/45°C, Ambient 7db/6wb°C	COP	3.50	3.80	3.61	3.40
Nominal Capacity (max)	kW	7.50 (9.20)	11.00 (13.50)	14.00 (15.20)	16.0 (17.00)
Water 47/55°C, Ambient 7db/6wb°C	COP	2.70	3.00	2.80	2.50
Nominal Capacity (max)	kW	5.50 (8.90)	9.50 (12.80)	10.50 (13.90)	11.10 (15.00)
Water 30/35°C, Ambient 2db/1wb°C	COP	3.53	3.70	3.55	3.41
Nominal Capacity (max)	kW	5.80 (6.70)	9.70 (10.60)	11.50 (12.00)	12.00 (13.00)
Water 30/35°C, Ambient -7db/-8wb°C	COP	2.57	2.74	2.65	2.57
Nominal Capacity (max)	kW	6.00 (6.40)	10.00 (10.00)	11.00 (11.60)	11.50 (12.50)
Water 40/45°C, Ambient -7db/-8wb°C	COP	2.25	2.45	2.25	2.15
Nominal Capacity (max)	kW	5.00 (5.50)	8.70 (9.70)	9.70 (11.20)	10.50 (12.00)
Water 47/55°C, Ambient -7db/-8wb°C	COP	1.72	1.78	1.85	1.75
Water Flow Rate min/max	m³/hr	0.6 / 2.1	1.0 / 2.8	1.1 / 3.0	1.2 / 3.0
Minimum Water Volume (Defrost)	L	28.0	38.0	46.0	55.0
Water Connections	Inch	1 1/4" Female			
Expansion Vessel Size	L	6.0			
Pump Type		Yonos PARA RS 15/7.0		Yonos PARA RS 15/7.5	
Water Temperature Range	°C	20 - 55		20 - 60	
Power Supply		230V/1Ph/50Hz		230V/1Ph/50Hz + 400V/3Ph/50Hz	
Circuit Breaker Size (with DHW tank heater)	A	32.0		50 / 32	
Circuit Breaker Size (without DHW tank heater)	A	20.0		32 / 20	
Maximum Operating Current (with DHW tank heater)	A	33.0		45.8 / 30	
Maximum Operating Current (without DHW tank heater)	A	18.0		30.8	
Sound Power Level @7/35 *	dB(A)	61.0		63.0	64.0
Dimensions (H x W x D) Including Connections	mm	800 x 1252 x 370		1380 x 1252 x 370	
Gross Weight	Kg	115.0		135.0	140.0

* Sound power level in accordance to the standard EN 12102 at conditions specified in EN 14511 performance test

SPLIT TANK UNIT YUTAKI-S COMBI

Ideal solutions for the new build market

- DHW remote with the YUTAKI-S solution.
All our models are available as heating only.

Solutions to meet all your needs

- Large capacity output range (from 5 to 24 kW).
- Heating only or Heating & Cooling.
- Heating only or Heating + Domestic Hot Water.
- Single or 3 phase. Residential or commercial.
- New build or refurbishment.



Comfort and efficiency

- One of the best COPs on the market.
The exceptional performance of the YUTAKI-S significantly reduces your client's heating bills.
- Year-round comfort
Capable of producing water up to 60°C, depending on outdoor temperatures, ensuring optimal comfort even during the coldest of periods.

The Yutaki S is a split system which produces hot or cold water to supply radiators, fan coil units, underfloor heating or a combination of these. When connected to a tank, it can also be used to produce domestic hot water. The YUTAKI S heat pump consists of an exterior inverter unit connected to an interior hydraulic unit. In heating mode, the exterior unit absorbs heat from outside, even at very low temperatures (-20°C), transferring it to the water cycle by means of an interior hydraulic unit. It can produce a water temperature of 60°C at outside temperatures of up to -5°C. In cooling mode during summer, it operates the opposite way: heat is drawn outwards, towards the exterior.

- Split air-to-water heat pump comprising indoor and separate outdoor unit
- Domestic hot water and multiple heating/cooling settings – ideal boiler replacement technology
- Energy efficient
- Range includes 20kW and 24kW models for ultimate flexibility
- Suitable for heating swimming pools
- Available with electric auxiliary heating as standard
- Screed drying function ideal for new builds
- Easy-to-use wireless controller with one-touch holiday button and frost protection as standard.
- Weather Compensation Control
- Generate hot water up to 60°C
- DHW Legionella Protection Program
- ErP energy efficiency class of up to A+++



INDOOR HYDRAULIC MODULES

Indoor Unit Model		RWM 2.ONE	RWM 2.5NE	RWM 3.ONE	RWM 4.ONE	RWM 5.ONE	RWM 6.ONE	RWM 8.ONE	RWM 10.ONE
Outdoor Unit Model		RAS 2WHVNP	RAS 2.5WHVNP	RAS 3WHVNP	RAS 4WH(V)NP	RAS 5WH(V)NP	RAS 6WH(V)NP	RAS 8WH(V)NP	RAS 10WH(V)NP
Nominal Capacity (max)	kW	4.30 (7.00)	6.00 (9.00)	7.50 (11.00)	11.0 (15.20)	14.0 (16.70)	16.00 (17.80)	20.00 (25.50)	24.0 (32.00)
Water 30/35°C, Ambient 7db/6wb°C	COP	5.25	4.8	4.55	5.00	4.71	4.57	4.57	4.30
Nominal Capacity (max)	kW	4.30 (6.20)	6.00 (9.00)	7.50 (10.00)	11.0 (14.10)	14.0 (15.70)	16.00 (17.30)	20.00 (25.00)	24.0 (32.00)
Water 40/45°C, Ambient 7db/6wb°C	COP	3.90	3.59	3.50	3.98	3.61	3.40	3.40	3.30
Nominal Capacity (max)	kW	4.30 (6.00)	6.00 (8.00)	7.50 (9.20)	11.0 (13.5)	14.0 (15.20)	16.00 (17.00)	20.00 (24.00)	24.0 (32.00)
Water 47/55°C, Ambient 7db/6wb°C	COP	3.00	2.89	2.57	3.00	2.80	2.50	2.72	2.65
Nominal Capacity (max)	kW	3.50 (5.50)	4.50 (7.00)	5.50 (8.90)	9.50 (12.80)	10.50 (13.90)	11.10 (15.00)	12.30 (20.00)	13.00 (20.70)
Water 30/35°C, Ambient 2db/1wb°C	COP	4.10	3.65	3.53	3.61	3.55	3.41	3.51	3.41
Nominal Capacity (max)	kW	4.30 (4.70)	5.30 (5.70)	5.80 (6.70)	9.70 (10.60)	11.50 (12.00)	12.00 (13.00)	14.20 (17.90)	16.50 (21.00)
Water 30/35°C, Ambient -7db/-8wb°C	COP	2.85	3.65	2.57	2.74	2.65	2.57	2.57	2.57
Nominal Capacity (max)	kW	4.30 (4.60)	5.00 (5.50)	6.00 (6.40)	10.0 (10.00)	11.00 (11.60)	11.50 (12.50)	15.00 (16.60)	16.50 (18.50)
Water 40/45°C, Ambient -7db/-8wb°C	COP	2.45	2.25	2.25	2.45	2.25	2.15	2.08	1.74
Nominal Capacity (max)	kW	4.00 (4.20)	4.60 (5.00)	5.00 (5.50)	8.70 (9.70)	9.70 (11.20)	10.50 (12.00)	12.50 (14.50)	15.50 (17.30)
Water 47/55°C, Ambient -7db/-8wb°C	COP	1.93	1.82	1.6	1.78	1.85	1.75	1.70	1.50
Water Flow Rate min/max	m³/hr	0.5 / 1.9	0.6 / 2.0	0.6 / 2.1	1.0 / 2.9	1.1 / 3.0	1.2 / 3.0	2.0 / 4.5	2.2 / 4.6
Minimum Water Volume (Defrost)	L	28.0			38.0	46.0	55.0	76.0	79.0
Water Connections	Inch	1" Female			1 1/4" Female				
Expansion Vessel Size	L	6.0					10.0		
Pump Type		Yonos PARA RS 15/7.0			Yonos PARA RS 15/7.5			UPML GEO 25-105	
Water Temperature Range	°C	20 - 55			20 - 60				
Piping Diameter (liquid/gas)	Inch	1/4" / 5/8"	3/8" / 5/8"					3/8" / 1 1/8"	1/2" / 1 1/8"
Power Supply		230V/1Ph/50Hz			230V/1Ph/50Hz + 400V/3Ph/50Hz			400V/3Ph/50Hz	
Circuit Breaker Size (with DHW tank heater)	A	20.0							
Maximum Operating Current (with DHW tank heater)	A	15.3			15.4				
Sound Power Level	dB(A)	37.0			39.0			47.0	
Dimensions (H x W x D) Including Connections	mm	782 x 450 x 275			960 x 520 x 360			960 x 670 x 360	
Gross Weight	Kg	60.0		61.0	71.0			90.0	93.0

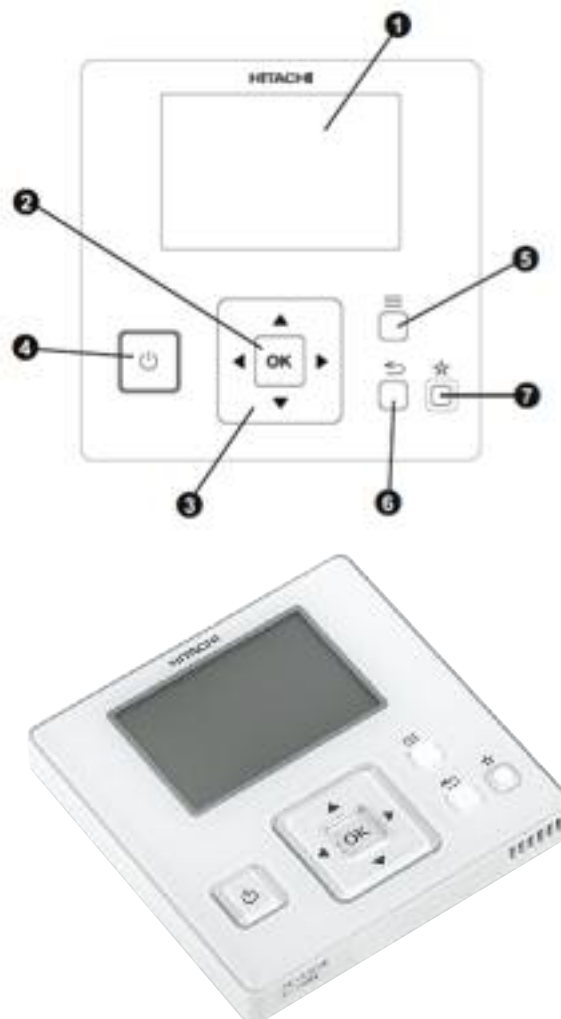
IVX OUTDOOR UNITS

Outdoor Unit Model		RAS 2WHVNP	RAS 2.5WHVNP	RAS 3WHVNP	RAS 4WH(V)NP	RAS 5WH(V)NP	RAS 6WH(V)NP	RAS 8WHVNP	RAS 10WHVNP
Refrigerant		R410A							
Minimum Piping Length	m	5.0							
Maximum Chargeless Piping Length	m	15.0							
Piping Diameter (liquid/gas)	Inch	3/8" / 5/8"				1/4" / 1/2"		3/8" / 1 1/8"	1/2" / 1 1/8"
Maximum Piping Length	m	50.0			75.0				
Additional Refrigerant Charge	g (per metre)	30.0		40.0	60.0				
Power Supply		230V/1Ph/50Hz			230V/1Ph/50Hz + 400V/3Ph/50Hz			400V/3Ph/50Hz	
Circuit Breaker Size (Single/Three Phase)	A	20			32 / 16			24	
Maximum Operating Current	A	13.8	15.8	17.8	30.5 / 14		30.5 / 16	24.0	
Sound Power Level @ 7/35*	dB(A)	59.0	60.0	61.0	63.0	64.0	65.0	71.0	72.0
Dimensions (H x W x D)	mm	600 x 792 x 300			1380 x 950 x 370				
Gross Weight	Kg	46.0		49.0	116.0			137.0	139.0
Compressor Type	mm	Scroll DC Inverter Driven							

* Sound power level in accordance to the standard EN 12102 at conditions specified in EN 14511 performance test

CONTROL PANEL

1. Liquid Crystal Display
Screen where controller software is displayed
2. OK button
To select the variables to be edited and to confirm the selected values
3. Arrows Key
It helps the user to move through the menu and views
4. Run/Stop Button
It works for all zones if none of the zones is selected or only for one zone when that zone is selected
5. Menu button
It shows the different configuration options of the user controller
6. Return button
To return to the previous screen
7. Favourite button
When this button is pressed, the selected favourite action (ECO, Holiday, Simple timer or DHW boost) is directly executed.



CODE	DESCRIPTION	PACK QTY
3095900886	HITACHI CONTROLLER	
3095900887	HITACHI DHW SENSOR	



Control features

- Control features
- New multifunction controller: PC-ARFHE
- Same menu for all Yutaki range
- Wizard Start-up configuration: Easier Start-up of the system.
- Auto cool/heat
- Quick actions menu for more comprehensive view: Functions Timer, ECO, Status, Schedule and OTC.
- Boost action: It allows an immediate heating of the domestic hot water.
- Improved timer: Better aesthetic and function of simple timer to create easily a timer configuration.
- Air purge function for the test run.
- Many other improvements like: possibility to modify the name of the circuits, configuration of phone contact, etc



Buffer Vessel

The buffer vessel or tank is a well insulated heating-water storage cylinder fitted in the heating circuit in your home. It is similar in size and shape to the domestic hot water cylinder fitted in most houses. Most heating systems will benefit greatly when you incorporate a buffer vessel as a heat store (for heat generated on night rate electricity) for the following reasons:

- The volume of water in the buffer vessel, if properly controlled, will ensure fewer heat-source starts and longer run times. This will ensure maximum efficiency of your heat-source.
- The switching differential or "band" can be adjusted to ensure the design criteria of the heat-source can be achieved. This "band" is the condensing range of an oil or gas boiler, or the number of compressor starts in a heat pump.

Our heat pump system will benefit further because we ensure that the buffer vessel is at its maximum temperature at the end of the Low Tariff or night-rate electricity period ready for use the following day. We have considered what is best for our heat pumps always keeping "best-practice" at the forefront of our system designs. Our buffer vessels storage is typically between 60 litres and 300 litres of water.

CODE	DESCRIPTION
3095900885	60L buffer
3095900950	125L BUFFER
3095900970	300L BUFFER



DHW (Hot Water) Cylinder

This is the cylinder for storage of your homes hot water requirements for cleaning, washing, sanitation and general household use.

This tank is highly insulated for minimum heat loss.

We strongly recommend the use of a 316 grade stainless steel domestic hot water vessel as it is a component, unlike a sealed heating system & buffer vessel, that can be subjected to corrosion. The design of the cylinder and the port locations is critical for both the sensors and the external pipework connections. We have considered these details and have our own customised vessels to suit our systems.

CODE	DESCRIPTION
3095900810	300L DHW CYLINDER 3.3sqm single coil
3095900882	300L DHW (WELL) CYLINDER 3.3sqm single coil

LOW TEMPERATURE RADIATORS

Designed for low water temperature operation - these new Low Temperature radiators are ideal for use with heat pump technology and can be used alongside underfloor heating in a split system. The low water temperature means increased efficiencies, reduced heat pump operation, rapid heat up times, and less water volume, ensuring your room heats up and stays warm longer! The innovative aesthetic shape of the radiator arises from the need of improving hot air flow, in order to increase thermal efficiency. The new curved front baffles make an easier release of hot air from the three windows and facilitate their transition into the hottest part of the radiator.



Technical information

	HEIGHT (mm)	CENTRES (mm)	THICKNESS (mm)	WIDTH (mm)	WATER CAPACITY (lt)	WEIGHT (kg)	OPERATIVE PRESSURE (9 bar)	THERMAL POWER	
								W	Kcal/h
Moda 350	421	350	80	80	0,25	1.01	20	85	82
Moda 500	571	500	80	80	0,30	1.25	20	108	93
Moda 600	671	600	80	80	0,35	1.35	20	124	107
Moda 700	771	700	80	80	0,38	1.50	20	140	120
Moda 800	871	800	80	80	0,42	1.60	20	155	133

Characteristic Equation: $\varphi = Km\Delta t_n$. Thermal power values estimated at the Milan Polytechnic in accordance with the EN442 norm, pending certification. In order for the radiator to function correctly, it is recommended that you use an automatic valve with an air vent and that you never isolate the battery from the installation by closing its valves. Also remember that the guarantee is valid as long as the installations working pressure does not exceed 20 bar. Maximum working temperature: 120°. Hub Ø: 1"

TAKE A SEAT

at Pipelife's new state-of-the-art

TRAINING CENTRE



Pipelife Renewable Training Centre

Pipelife Ireland now offer extensive product training at our new Renewable Training Centre in White's Cross, Cork. The courses are FREE to attend and our are led by members of our Technical Team who have a wealth of practical knowledge and installation practices, and feature a unique tour of the Pipelife manufacturing facility where visitors are given the opportunity to see first-hand where our products are designed and produced.

The free courses are available to installers, service engineers, plumbers, merchants, architects, local authorities and BER Assessors. The one day training courses, running from 9.30am to 4pm, also include lunch and all course materials. By offering a valuable insight into each of our heating technologies, those who attend our courses are equipped with the best product knowledge and installation techniques, ensuring that our customers are fully satisfied.

Reasons to attend

- Stay up to date with all the latest product trends and develop your knowledge and skills
- Single day courses packed with useful insights and hands-on product training
- Heat Pumps, Underfloor Heating, Qual-Pex Eco Renewables

**For more information please call us on
+353 21 4884700 or E-mail: Ireland@pipelife.com**

"These are really exciting times for Pipelife, we have always had a strong focus on providing a great service to all our customers and with the launch of our new Renewable Training Centre this will allow us to support them with hands-on product training and installation techniques. Along with the additional sales staff that we are adding to our team for 2019 these are truly exciting times for Pipelife".

- Padjoe Barry,
National Sales Manager

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29 MANUFACTURING FACILITIES ACROSS 28 COUNTRIES, AND GROWING



Pipelife Ireland Ltd,
White's Cross, Cork T23 T992.

Phone: 021-4884700

Fax: 021-4884701

Email: ireland@pipelife.com

www.pipelife.com

Part of the Wienerberger Group

