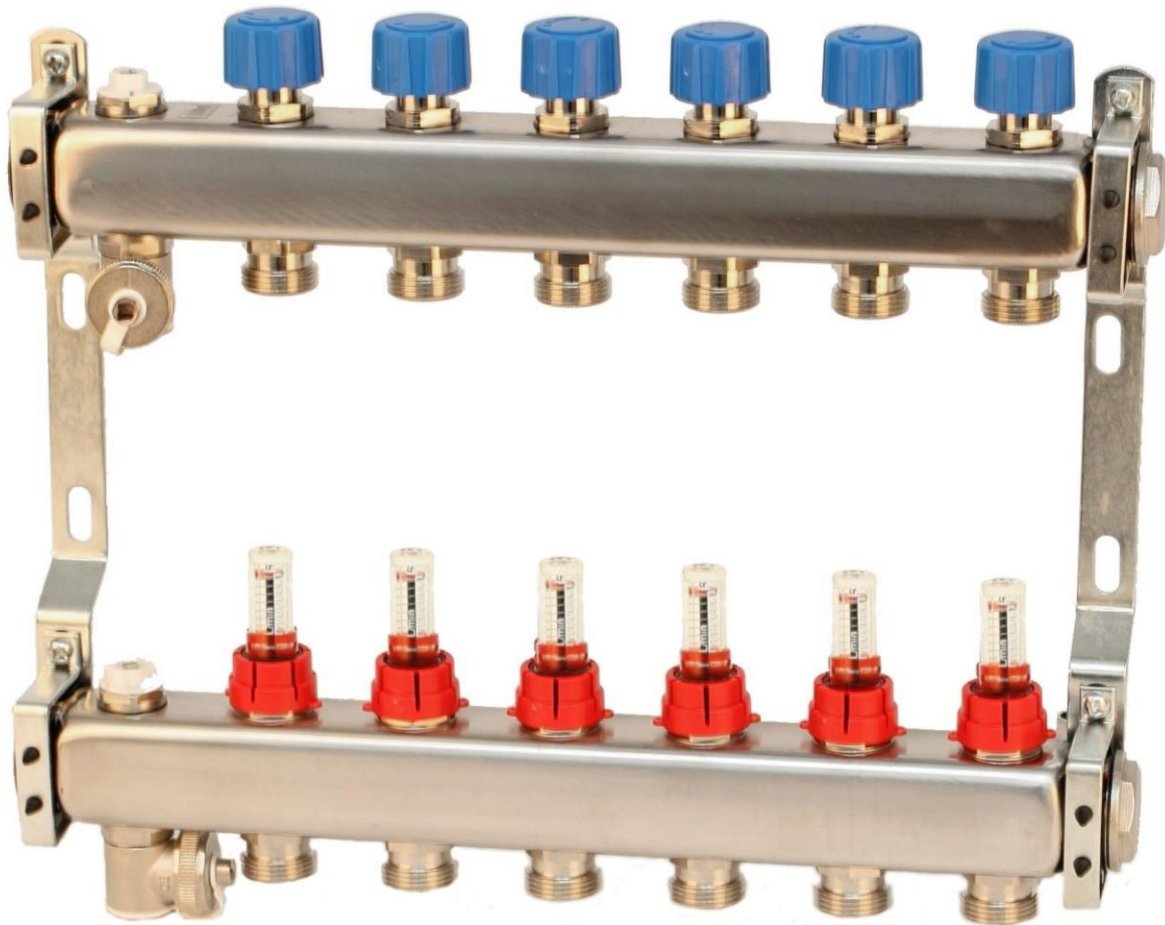




Warmup Hydronic Heating

Product Catalogue

1st March 2017 - Version 2.0

warmup[®]
a division of A J Pudney (SA) cc

Warmup Hydronic Heating Components

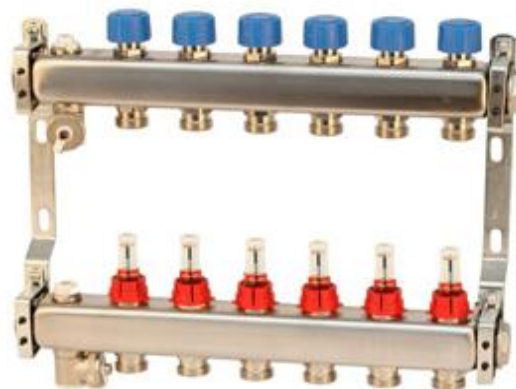
Confidential Product Catalogue - 2017-03 v2.0

warmup[®]
a division of A J Pudney (SA) cc

Warmup Manifolds

Stock Code	Description	Unit
WBMAN102	Manifold 2 Port, Stainless Steel	Each
WBMAN103	Manifold 3 Port, Stainless Steel	Each
WBMAN104	Manifold 4 Port, Stainless Steel	Each
WBMAN105	Manifold 5 Port, Stainless Steel	Each
WBMAN106	Manifold 6 Port, Stainless Steel	Each
WBMAN107	Manifold 7 Port, Stainless Steel	Each
WBMAN108	Manifold 8 Port, Stainless Steel	Each
WBMAN109	Manifold 9 Port, Stainless Steel	Each
WBMAN110	Manifold 10 Port, Stainless Steel	Each
WBMAN111	Manifold 11 Port, Stainless Steel	Each
WBMAN112	Manifold 12 Port, Stainless Steel	Each

Stainless Steel distribution manifold includes mounting brackets, bleed valves, flow rate meters and caps.



Warmup Manifold Accessories

WBMAN100	Manifold Connection Set	Each
<i>Two piece connection set to connect one manifold to another.</i>		



WBMAN101	Manifold Extension (Single Port set)	Each
<i>Six piece extension set to increase a manifold by one port. Includes end fittings, flow rate meter, and actuator connections.</i>		



WBTG001	Temperature Gauge	Each
<i>One piece temperature gauge to be fitted into the ball valve, to monitor water temperature. Range of 0 - 120°C.</i>		



WBBV001	Ball Valve Set, Red & Blue	Set of 2
<i>Two piece straight ball valve set to isolate manifold, includes O-ring and seal.</i>		



WBBV002	Ball Valve Set, Red & Blue, 90° Angle	Set of 2
<i>Two piece 90° angled ball valve set to isolate manifold, includes O-ring and seal.</i>		



Warmup Hydronic Heating Components

Confidential Product Catalogue - 2017-03 v2.0

Warmup Manifold Accessories continued

Stock Code	Description	Unit
WBEC001	End Cap, 3/4"	Each

One piece threaded brass end cap, used to seal off an unused manifold port.



Warmup Manifold Cabinets

WBCABC001	Concealed Manifold Cabinet, 2-5 circuits (W530 X H690-790mm)	Each
WBCABC002	Concealed Manifold Cabinet, 6-9 circuits (W830 X H690-790mm)	Each
WBCABC003	Concealed Manifold Cabinet, 10-13 circuits (W1130 X H690-790mm)	Each

Aluminium Cabinet for manifolds and related equipment. Powdercoated white. Depth and height adjustable to suit aperture. For Flush Mount.



WBCABS010	Surface Mount Manifold Cabinet, 2-5 circuits, (W530 X H640mm)	Each
WBCABS011	Surface Mount Manifold Cabinet, 6-9 circuits, (W830 X H 640mm)	Each
WBCABS012	Surface Mount Manifold Cabinet, 10-13 circuits (W1130 X H640mm)	Each

Aluminium Cabinet for manifolds and related equipment. Powdercoated white. Depth and height adjustable to suit aperture. For Surface Mount.



Warmup Piping

WBPE116-2	Pipe, PE-RT EVOH Oxygen Barrier 16 X 2,0mm 200mtr coil	Meter
WBPE116-6	Pipe, PE-RT EVOH Oxygen Barrier 16 X 2,0mm 600mtr coil	Meter
WBPE117-2	Pipe, PE-RT EVOH Oxygen Barrier 17 X 2,0mm 200mtr coil	Meter
WBPE117-6	Pipe, PE-RT EVOH Oxygen Barrier 17 X 2,0mm 600mtr coil	Meter
WBPE120-2	Pipe, PE-RT EVOH Oxygen Barrier 20 X 2,0mm 200mtr coil	Meter
WBPE120-6	Pipe, PE-RT EVOH Oxygen Barrier 20 X 2,0mm 600mtr coil	Meter

5-Layer floor heating pipe, PE-RT with oxygen barrier. Outer PE-RT layer protects EVOH layer, ensuring the Oxygen Barrier is not compromised.



Warmup Hydronic Heating Components

Confidential Product Catalogue - 2017-03 v2.0

warmup[®]
a division of A J Pudney (SA) cc

Warmup Fittings

Stock Code	Description	Unit
WBCP203	Coupling set, 3/4" 16mm	Each
WBCP201	Coupling set, 3/4" 17mm	Each
WBCP202	Coupling set, 3/4" 20mm	Each

Five piece nickel-plated brass coupling set for joining pipes. Screw fitting.



WBCF003	Compression Fitting, 3/4" x 16mm	Each
WBCF001	Compression Fitting, 3/4" x 17mm	Each
WBCF002	Compression Fitting, 3/4" x 20mm	Each

Three piece nickel-plated brass compression fitting for connecting pipe to manifold.



WBSC001	Straight Nipple Connector, 3/4"	Each
---------	---------------------------------	------

One piece nickel-plated brass fitting for connecting two compression fittings. Can also be used as a reducer when combining compression fittings.



WBCPF203	Straight Coupling, Pressfit, 16x2mm	Each
WBCPF201	Straight Coupling, Pressfit, 17x2mm	Each
WBCPF202	Straight Coupling, Pressfit, 20x2mm	Each

One piece stainless steel and brass coupling for joining pipes. Press fitting.



Warmup Tools

WBSTP001	Stapler, Steel	Each
----------	----------------	------

Stapler for use with Standard Staples.



WPDC001	Pipe Decoiler, 12-20mm pipe, Steel	Each
---------	------------------------------------	------

Collapsible steel pipe decoiler for use with 200m - 600m coils of pipe



Warmup Hydronic Heating Components

Confidential Product Catalogue - 2017-03 v2.0

warmup[®]
a division of A J Pudney (SA) cc

Warmup Accessories

Stock Code	Description	Unit
WBST001	Standard Tacker Staple, Plastic, 40mm (15-20mm pipe) - 1000 per box	Each
<i>Standard black plastic tacker staple. For fixing 15-20mm pipe to polystyrene insulation. 40mm height.</i>		

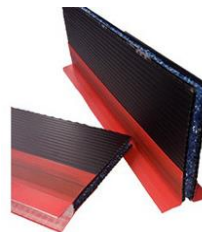
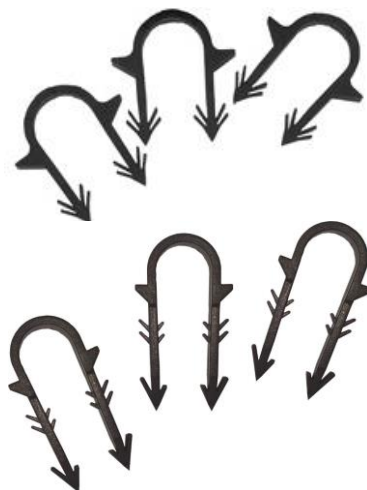
WBST002	Premium Tacker Staple, Plastic, 55mm (15-20mm pipe) - 1000 per box	Each
<i>Premium black plastic tacker staple. For fixing 15-20mm pipe to polystyrene insulation. 55mm height.</i>		

WBEIN001	Edge Insulation Strip, 150/8 (25mtr roll)	Meter
<i>Perimeter and expansion insulation. Includes adhesive strip for easy application, with 10mm perforations to allow height adjustments.</i>		

WBJEP001	Joint Expansion Profile, 10/100 x 1800mm	Each
<i>Joint expansion profile for expansion joints. Self-adhesive base with foam inner.</i>		

WBPRP001	Protective Pipe for Joints, (17)25, Plastic (50mtr roll)	Meter
<i>Protective plastic pipe. Used when crossing expansion joints. Also used for insulating heating pipes or protecting joins. Center-slit for easy application.</i>		

WBPGD001	Pipe Guide 90°, 15-17mm Pipe, Plastic / Black	Each
<i>90° Angled plastic black pipe guide for use with 15-17mm pipe. For positioning and protecting pipes at distribution manifold.</i>		



Warmup Hydronic Heating Components

Confidential Product Catalogue - 2017-03 v2.0

warmup[®]
a division of A J Pudney (SA) cc

Warmup Controllers

Stock Code	Description	Unit
------------	-------------	------

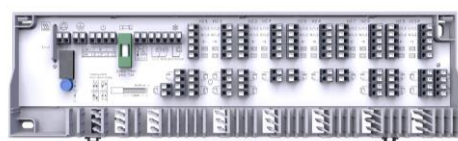
WBBU001	Base Unit, 230 V, 6 Zones, Excl pump module	Each
---------	--	------

*Standard 230V Base Unit (Control Unit) for 6 zones and 12 actuators.
Excluding pump module.*



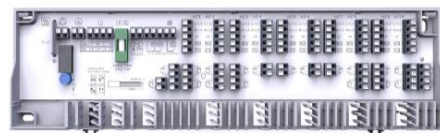
WBBU003	Base Unit, 230 V, 10 Zones, Incl pump module	Each
---------	---	------

*Standard 230V Base Unit (Control Unit), for 10 zones and 18 actuators.
Including pump module.*



WBBU004	Base Unit, 24 V, 10 Zones, Excl transformer, Incl pump module	Each
---------	--	------

*Standard 24V Base Unit (Control Unit), for 10 zones and 18 actuators. Including pump
module, excluding 230V-24V transformer.*



WBTF001	24V Transformer	Each
---------	-----------------	------

Standard 230V-24V transformer, for use with WBBU004



WBSTAT001	Thermostat, 24 Volt, Surface Mount	Each
-----------	------------------------------------	------

Basic wired room thermostat, 24V, for surface mounting.



WBACT001	Actuator 230 Volt	Each
----------	-------------------	------

Standard 230V Actuator (Solenoid).



WBACT002	Actuator 24 Volt	Each
----------	------------------	------

Standard 24V Actuator (Solenoid).



Warmup Hydronic Heating Components

Confidential Product Catalogue - 2017-03 v2.0

warmup[®]
a division of A J Pudney (SA) cc

Warmup Budget Design Service

Our Budget Estimate Service is provided free of charge. Based on the square meters of the building, we provide an estimate on the total cost of the Warmup products that you will require.

This is a useful service to ascertain your approximate costs for a project, with minimal information and without incurring any cost. Please note this is an estimate costing, and may vary from final design.

To provide this service we require a copy of the floor plan confirming the heated areas.

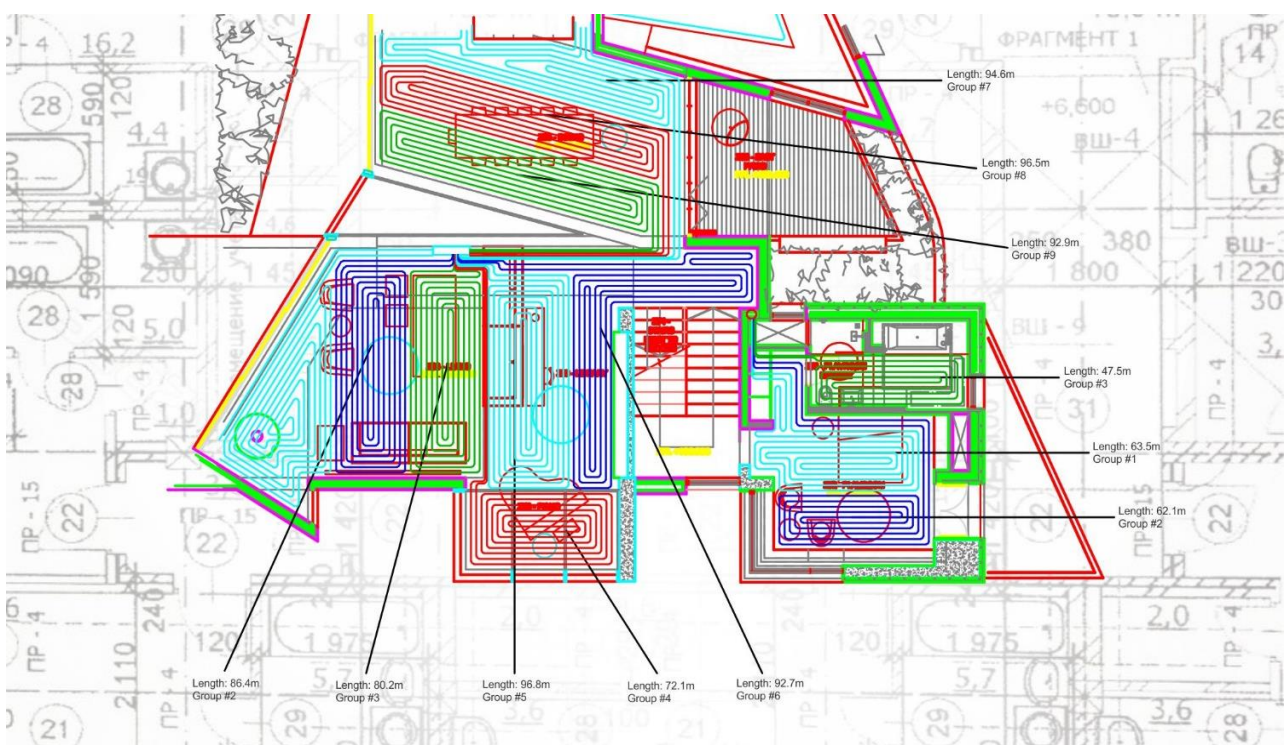
Warmup Detailed Design Service

Our Detailed Design Service provides a comprehensive service complete with the following documents.

- 1) Building drawings showing piping layout, manifold positions, zones, etc
- 2) Full bill of material and pricing on the Warmup products required
- 3) Pipe cutting schedule using specialised optimization software, to ensure minimal pipe wastage
- 4) Flow rate schedule, providing the theoretical flow rate per zone
- 5) Thermostat summary, providing the configuration of zones, actuators, control units, and thermostats.

The specifications of the Design Service is done according to your requirements and installation practice, down to the pipe spacing, patterns, precise manifold placements, and so on.

Use the completed set of marked up drawings as a sales tool for potential clients, as well as ensuring accurate costing calculations for your project.





Warmup, a division of A. J. Pudney (SA) cc

VAT Number: 430 023 5845

Registration Number: 2007/024013/23

Members: G. C. Pudney, N. Pudney, R. E. Pudney

All items shown in this Product Catalogue are subject to our standard Terms and Conditions of Sale, available on request.

This Product Catalogue supercedes all previous product lists.

VAT is applicable on all items and will be billed at ruling rate at date of invoice.

Errors & omissions excepted.

Johannesburg, Gauteng

T: 011 673 5063

F: 011 673 4827

info@warmup.co.za

4 Richard Road, Industria North, Roodepoort

PO Box 80130, Ridgeview, 1701

South Africa

Cape Town, Western Cape

T: 021 531 1896

F: 021 532 0741

capecsales@warmup.co.za

3 Thor Circle, Viking Place, Thornton

PO Box 558, Howard Place, 7450

South Africa