

product catalogue

JUNE 2012

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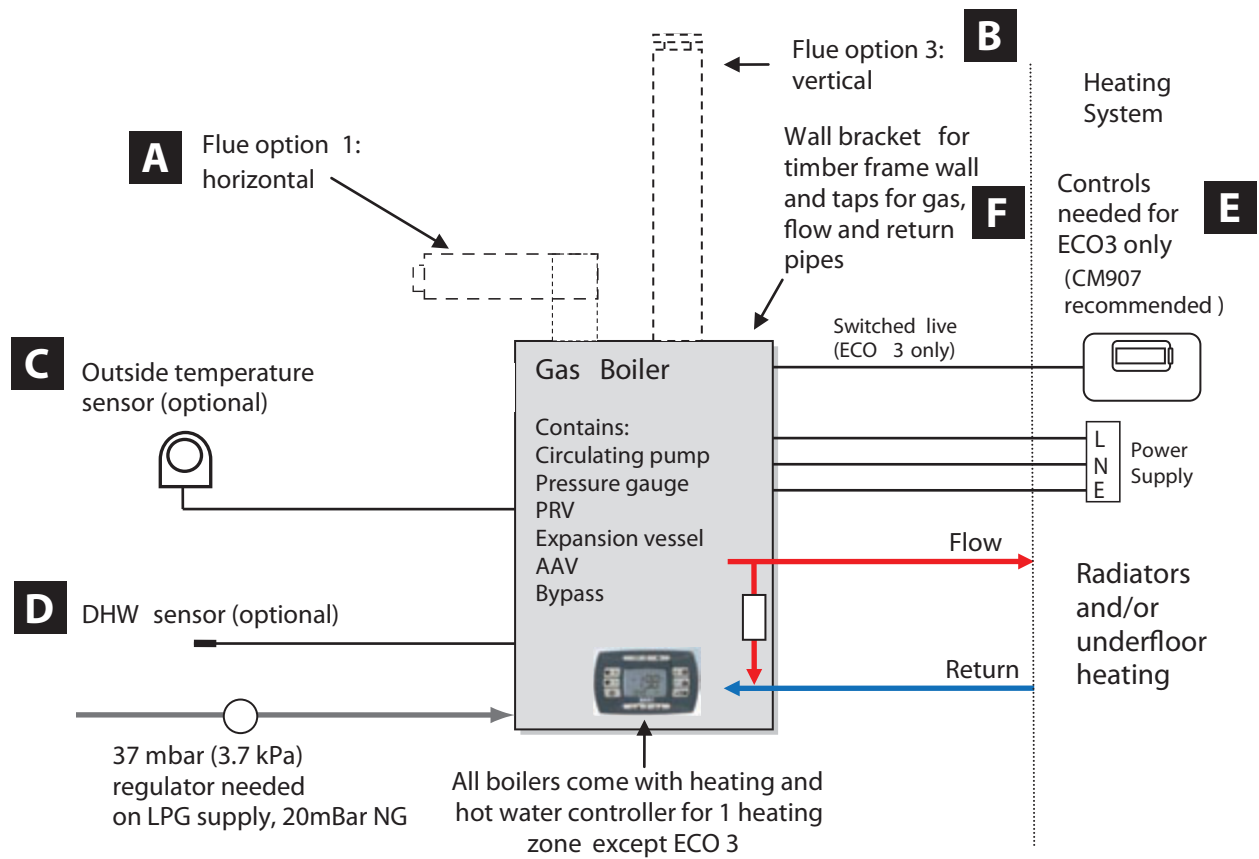
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GAS BOILERS & ACCESSORIES



NOTE: All boilers come set up for natural gas, if converting to LPG different injectors need ordering for Luna 3 Comfort, Nuvola and ECO 3 boilers but not the Luna 3 Comfort HT condensing boiler.

All Baxi gas system boilers can be used to heat a hot water cylinder directly as a hot water priority system with the addition of a DHW temperature sensor, and actuator for Luna 3 Comfort, (Luna 3 Comfort HT comes with actuator); ECO 3 needs additional 3 way valve; or any boiler can be configured as an 'S-plan' to heat DHW and heating simultaneously with usual control set up

Flue components

	ORDER CODE	DESCRIPTION
A	BXFLH	Horizontal Flue
B	BXFLV	Vertical Flue
A	BXFLHCD	Condensing Horizontal Flue
B	BXFLVCD	Condensing Vertical Flue

Other Components

	ORDER CODE	DESCRIPTION
C	BXOS	Outdoor Sensor
D	BXAHCS	DHW Sensor
E	HONCM907	Honeywell programmable thermostat
F	BXCK	Wall bracket & tap kit (opt)

ECO3 STANDARD EFFICIENCY GAS BOILER

BAXI



- Cost-effective boiler with simple control
- System Boiler supplied with circulating pump, expansion vessel, AAV automatic bypass, PRV (3 bar) and fill and drain point.
- LPG or Natural Gas (*for conversion nozzles see overleaf*)
- Simple dial control with LCD display
- Requires room thermostat programmer (eg HONCM907 or similar)
- Optional Tap & Wall Bracket Connection Kit (BXCK) also available

CODE	DESCRIPTION	NOM. OUTPUT	AV. EFFICIENCY	DIMENSIONS	WEIGHT
BX24E	Eco3 System Combi Boiler	24 kW	92.9%	760x450x345	36kg

LUNA3 COMFORT STANDARD EFFICIENCY GAS BOILERS



- Integral control with LCD display that can be boiler mounted or remote wired; supplied with the boiler, it includes room thermostat, heating and time functions
- System boilers supplied with circulating pump, expansion vessel, AAV automatic bypass, PRV (3 bar) and fill and drain point.
- Sanitary water pre-heating function (combi model)
- Optional Tap & Wall Bracket Connection Kit (BXCK) also available
- LPG or Natural Gas (*for conversion nozzles see overleaf*)
- Features low temp UF control at boiler
- Combi DHW flow rate 18L per min@25°C rise

CODE	DESCRIPTION	NOM. OUTPUT	AV. EFFICIENCY	DIMENSIONS	WEIGHT
BX24	Luna3 System 24	8-24 kW	92.9%	760x450x345	36kg
BX31	Luna3 System 31	10-31 kW	93.1%	760x450x345	36kg
BX31COM	Luna3 Combi 31	10-31 kW	93.1%	760x450x345	40kg

NUVOLA3 STANDARD EFFICIENCY STORAGE COMBI GAS BOILERS




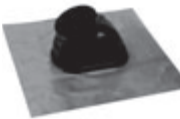








- Heating & large capacity domestic hot water production from one unit
- Integral control with LCD display that can be remote wired supplied with the boiler; it includes room thermostat, heating and time function
- High sanitary performances: up to 490 litres in 30 minutes. 18L per min.@ 25°C rise
- 60 litre stainless steel cylinder inside boiler
- LPG or Natural Gas (*for conversion nozzles see overleaf*)
- Low temp UF control at boiler

CODE	DESCRIPTION	OUTPUT (kW)	EFFICIENCY	DIMENSIONS	WEIGHT (kg)
BX32SCOM	Nuvola3 Combi Boiler	9-32 kW	90.5%	950x600x466	70

STANDARD EFFICIENCY GAS BOILER ACCESSORIES





	CODE	DESCRIPTION		CODE	DESCRIPTION
	BXFLH	Horizontal Flue, 1m		BXFLV	Vertical Flue, 1m
<ul style="list-style-type: none"> For use standard efficiency boilers. Includes horizontal flue, terminal, clamp & gaskets. Includes horizontal starter 			<ul style="list-style-type: none"> For use with standard efficiency boilers. Includes vertical flue, terminal and vertical starter 		
	CODE	DESCRIPTION		CODE	DESCRIPTION
	BXFL45	Coaxial 45° bend (standard efficiency)		BXFL90	Coaxial 90° bend (standard efficiency)
	CODE	DESCRIPTION		CODE	DESCRIPTION
	BXFLX	Flue Extension 1m length (standard efficiency only)		BXCK	Tap & Wall Bracket Connection
<ul style="list-style-type: none"> Suitable for all domestic wall hung boilers except BX32SCOM (replaces factory hooks) Taps 					
	CODE	DESCRIPTION		CODE	DESCRIPTION
	BXOS	Outdoor Sensor		BXAHCS	Actuator Head & Cylinder Sensor
<ul style="list-style-type: none"> Suitable for all Baxi boilers Increases pre-emptive response of boiler control for greater efficiency 			<ul style="list-style-type: none"> For use with standard efficiency boilers only Fits hydraulic group in Luna3 system boilers, enabling Y-Plan control of external hot water cylinders 		
	CODE	DESCRIPTION		CODE	DESCRIPTION
	BXZ0601520	LPG Jets for 24kW standard efficiency boilers (Luna, Eco3)		BXZ0608450	LPG Jets for 28-32kW standard efficiency boilers

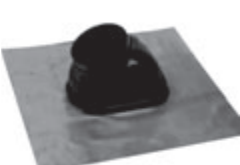
LUNA3 COMFORT HT CONDENSING GAS BOILERS & ACCESSORIES







- SYSTEM & COMBI BOILERS
- Features all the benefits of the Luna3 standard efficiency boiler with improved performance and efficiency
- Combi flow-rate 18.9L per min@25°C rise
- Stainless Steel heat exchanger
- System boiler supplied with 3-way valve and actuator for control of external domestic hot water cylinder (only cylinder sensor required)
- Controller is programmable room thermostat that can be boiler mounted or remote wired
- NG or LPG (*Conversion via adjusting fan speed & controller parameter change*)

CODE	DESCRIPTION	NOM. OUTPUT	AV. EFFICIENCY	DIMENSIONS	WEIGHT
BX28CD	Luna3 Comfort HT System 28	5-28.9 kW	107%	760x450x345	45.5kg
BX330CD	Luna3 Comfort HT 330 Combi	5-33 kW	107%	760x450x345	46.5kg

	CODE	DESCRIPTION		CODE	DESCRIPTION
		BXFLVCD		Vertical Flue (condensing)	
		<ul style="list-style-type: none"> • Includes vertical flue, terminal, starter and reducer (80/125 to 60/100mm) 			<ul style="list-style-type: none"> • Includes vertical flue, terminal, horizontal starter (60/100mm)

	CODE	DESCRIPTION		CODE	DESCRIPTION
	BXFLXCD	Flue Extension 1m length (condensing)		BXFL90CD	Coaxial 90° bend (condensing)

	CODE	DESCRIPTION		CODE	DESCRIPTION
	BXFL45CD	Coaxial 45° bend (condensing)		BXCK	Tap & Wall Bracket Connection
					<ul style="list-style-type: none"> • Suitable for all domestic wall hung boilers except BX32SCOM. • Optional to replace factory hooks

	CODE	DESCRIPTION		CODE	DESCRIPTION
	BXCSHT	Cylinder Sensor		BXOSCD	Outdoor Sensor
		<ul style="list-style-type: none"> • For use with condensing boilers only to control external domestic hot water cylinder 			<ul style="list-style-type: none"> • Suitable for all Baxi boilers



LUNA HT COMMERCIAL CONDENSING GAS BOILERS



- Wall hung high efficiency boiler
- Wide modulation ratio
- LCD display
- Stainless steel heat exchanger: reliability and long life
- Built-in climatic regulation
- Outdoor sensor available as option
- Boilers require external circulation pump - hydraulic separator, expansion vessel & safety valve

	NOM. OUTPUT	AV. EFFICIENCY	DIMENSIONS	WEIGHT
BX45CDC	45 kW	109.8%	950x600x466	64kg
BX55CDC	55 kW	109.8%	950x600x466	68kg
BX65CDC	65 kW	109.8%	950x600x466	72kg
BX85CDC	85 kW	109.8%	950x600x650	94kg
BX100CDC	100 kW	109.8%	950x600x650	98kg



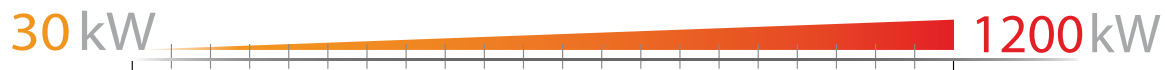
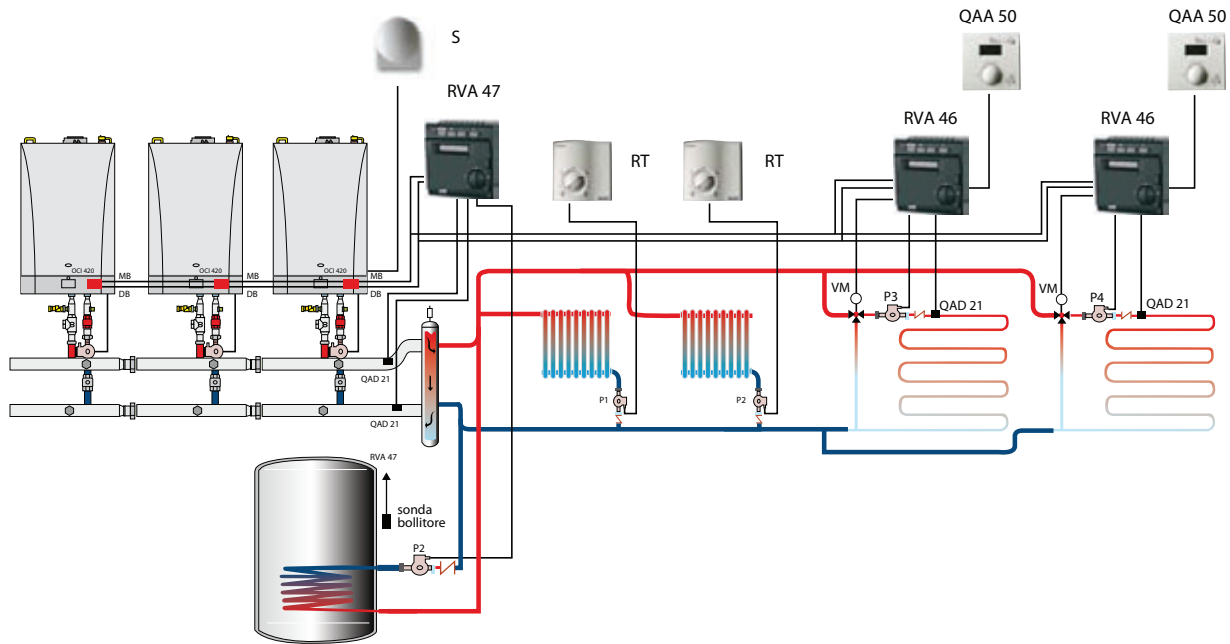
POWER HT COMMERCIAL CONDENSING GAS BOILERS

- Stainless steel double chamber exchanger: high output in compact size offering reliability and long life
- Digital control panel "advanced CPS system" with push buttons and wide LCD display with text and symbols
- Complete range of temperature regulation accessories
- Minimal weight and size
- Available in sizes 45kW to 150kW
- Cascade options available

	NOM. OUTPUT	AV. EFFICIENCY	DIMENSIONS	WEIGHT
INDENT	150 kW	109.8%	850x450x1132	103kg
INDENT	230 kW	109.8%	692x1455x1171	285kg
INDENT	280 kW	109.8%	692x1455x1264	314kg
INDENT	320 kW	109.8%	692x1455x1357	344kg

Contact us for cascade options and a range of flue solutions for all commercial Baxi products

MODULAR COMMERCIAL CASCADING GAS SYSTEMS - UP TO 1200KW



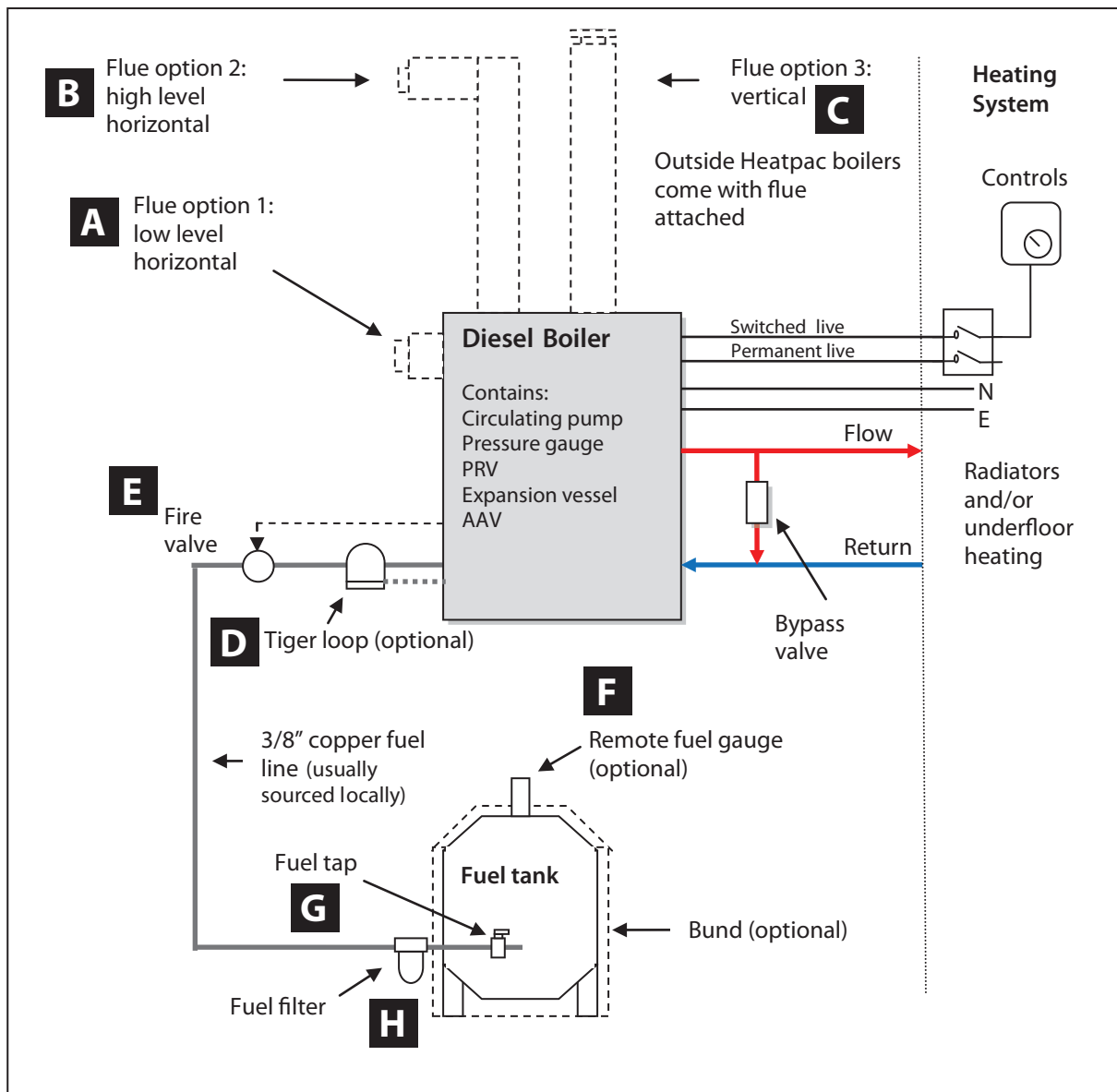
MODULATION RANGE

Cascade installation for heating a building with zones at different temperature and domestic hot water cylinder. The primary loop (boilers side) is constantly maintained in temperature. The consumption side is controlled by the thermostats or zone temperature regulators for low temperature zones (RVA 46).

S = outdoor sensor
 OCI 420 = interface for connection between boilers and temperature regulator
 RVA 46 = zone temperature regulator
 RVA 47 = cascade controller
 RT = room thermostat
 VM = mixing valve
 P1 = zone 1 pump

P2 = zone 2 pump
 P3 = zone 3 pump (low temperature)
 P4 = zone 4 pump (low temperature)
 QAD 21 = heating flow/return sensor
 MB-DB = connection bus
 QAA 50 = room sensor

DIESEL BOILERS & ACCESSORIES



Flue components

	ORDER CODE	DESCRIPTION
A	FBFLHLL	Low Level Horizontal Flue
B	FBFLHHL	High Level Horizontal Flue
C	FBFLV	Vertical Flue
A	FBFLHLLC	Condensing Low Level Horizontal Flue
B	FBFLHHL C	Condensing High Level Horizontal Flue
C	FBFLVC	Condensing Vertical Flue

Other Components

	ORDER CODE	DESCRIPTION
D	FUTIGERLOOP	Tigerloop oil de-aerator
E	TEDDFV6M	Teddington Fire Valve
F	FUGAUGE	Apollo Fuel guage
G	FUTAP10MM	10mm fuel tap m-f ball valve
H	FUFILTER	Fuel Filter

STANDARD EFFICIENCY DIESEL BOILERS



- White cased, indoor, floor-standing sealed system & basic boilers
- Suitable for all central heating applications
- Net efficiency 90%
- Sealed system boiler supplied complete with, expansion vessel, pump, pressure relief valve and gauge, water thermostat and high limit stat - low pressure switch, pump run on
- Riello RDB Snorkel Burner - for balanced flue installation
- Requires external time clock or thermostat programmer
- Silent, odourless operation
- For accessories see Section 7: Valves, Pumps & System controllers

CODE	DESCRIPTION	OUTPUT (kW)	DIMENSIONS
FB90SS	90 Sealed System	20–26kW	840x505x600
FB120SS	120 Sealed System	26–35kW	840x545x600
FB150BS	150 Basic Boiler	35–44kW	1050x442x704
INDENT	150 System Boiler	35–44kW	1050x442x704
INDENT	200 Basic Boiler	45–56kW	1055x462x790
INDENT	250 Basic Boiler	56–75kW	960x510x820
INDENT	310 Basic Boiler	75–90kW	1015x580x945

ENVIROMAX CONDENSING SYSTEM DIESEL BOILERS



- THE LATEST HIGH EFFICIENCY CONDENSING DIESEL BOILER
- Compact, quiet & efficient
- Suitable for all central heating applications, especially underfloor heating
- Efficiency up to 95% net - up to 20% greater seasonal efficiency than standard boiler
- Boiler supplied with expansion vessel, pump pressure relief valve, pressure gauge, dual stat, Riello burner, pump run on, low pressure switch
- For accessories see Section 7: Valves, Pumps & System controllers
- Basic versions do not include integral pump, expansion vessel, pressure gauge & pressure relief valve

CODE	DESCRIPTION	OUTPUT (kW)	DIMENSIONS
FBE26	Enviromax C26	20-26kW	845x545x600
FBE35	Enviromax C35	26-35kW	845x545x600
FBE44*	Enviromax C44 Basic	44kW	840x505x600
FBE58*	Enviromax C58 Basic	58kW	840x545x600
FBE73*	Enviromax C73 Basic	73kW	1045x442x704
FBE100*	Enviromax C100 Basic	100kW	call for details

*INDENT ORDER ONLY

HEATPAC OUTDOOR CONDENSING SYSTEM DIESEL BOILERS








- Fully insulated, galvanized weatherproof slimline boiler suitable for all central heating applications
- Integral flue
- Simple and convenient to situate and install
- Net efficiency up to 95%
- Boiler supplied complete with flue, Riello RDB burner, pre-wired thermostat and burner, high limit thermostat and frost stat
- Expansion vessel pressure gauge and relief, pump low pressure switch and pump run on
- For accessories see Section 7: Valves, Pumps & System controllers
- Basic models do not have integral pump, expansion vessel, pressure relief valve & pressure gauge



CODE	DESCRIPTION	OUTPUT (kW)	DIMENSIONS
FBE26HP	Enviromax C26 Heatpac	26kW	945x715x625
FBE35HP	Enviromax C35 Heatpac	35kW	945x715x625
INDENT	Enviromax C44 Heatpac basic	44kW	840x505x600
INDENT	Enviromax C58 Heatpac basic	58kW	840x545x600
INDENT	Enviromax C73 Heatpac basic	73kW	1045x442x704

DIESEL BOILER ACCESSORIES & FLUE SYSTEMS



	CODE	DESCRIPTION		CODE	DESCRIPTION
	FBFLHHL	High level horizontal		FBFLHLL	Low level horizontal flue
	FBFLHHLC	High level horizontal for condensing boiler		FBFLHLLC	Low level horizontal flue for condensing
	<ul style="list-style-type: none"> • Coaxial Flue OD 130mm • For up to 35kW boilers 			FBFLHLL150	Low level horizontal for 150 boiler
			<ul style="list-style-type: none"> • Coaxial Flue, OD 130mm • supplied with flue basket 		
	CODE	DESCRIPTION		CODE	DESCRIPTION
	FBFLV	3m Vertical		FBFLVX	1m Extension
	FBFLVC	Vertical (Condensing)		FBFLVXC	1m Extension Condensing
	<ul style="list-style-type: none"> • Coaxial Flue, OD 130mm • For up to 35kW boilers • Max flue length standard efficiency 5m • Max flue length condensing 6m 				
<p><i>For lengths greater than the above see Poujoulat Flue information in Section 3 of this catalogue.</i></p> <p><i>Coaxial flues for large boilers available via indent order only.</i></p>					

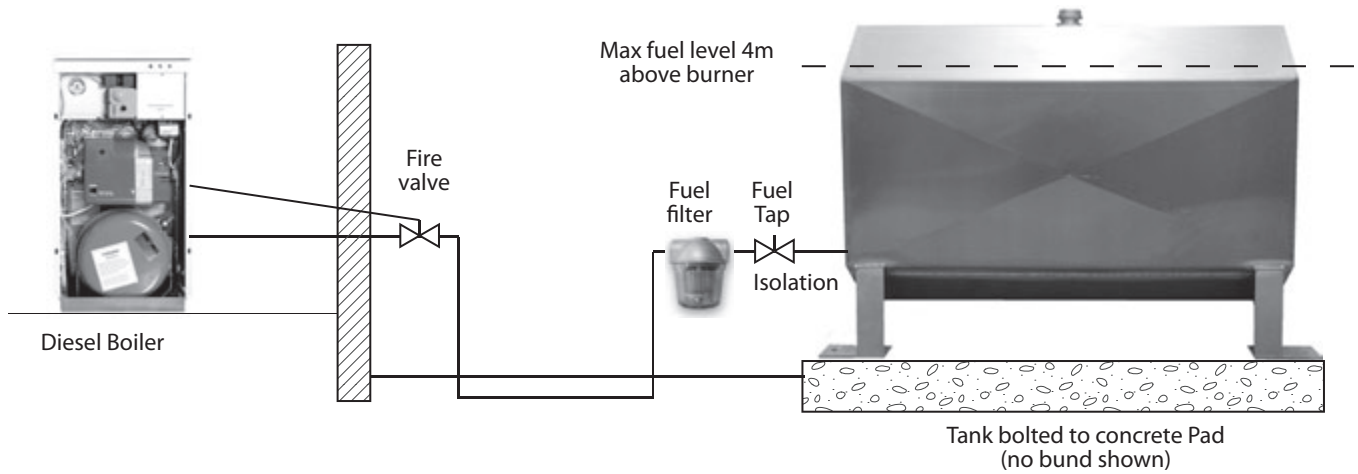
	CODE	DESCRIPTION		CODE	DESCRIPTION
	FBFL45	45° Angle		FBFL90	90° Angle
	FBFL45C	45° Angle (Condensing)		FBFL90C	90° Angle (Condensing)

	CODE	DESCRIPTION		CODE	DESCRIPTION
	FBFLB	Flue Terminal Basket		FBFLVS	Flue silencer for vertical coaxial flues
	<ul style="list-style-type: none"> • To protect against burns & flue blockages • For High-level horizontal 				

DIESEL BOILER FUEL LINE ACCESSORIES





FUEL SYSTEM OVERVIEW



	CODE	DESCRIPTION		CODE	DESCRIPTION
	TEDDFV3M	Teddington fire valve 3 metres (3/8" fuel line)		FUTIGERLOOP	Tigerloop - oil de-aerator
	TEDDFV6M	Teddington fire valve 6 metres (3/8" fuel line)		<ul style="list-style-type: none"> Fuel lifting device De-aerates fuel for better nozzle life Ensures cleaner burning & easier fuel line bleeding Requires FBSPFULINE Flexi Fuel line & FBSPEVHC flexi fuel line connector 	
TEDDFV9M	Teddington fire valve 9 metres (3/8" fuel line)				
	CODE	DESCRIPTION		CODE	DESCRIPTION
FUTAP10MM	Fuel tap 10mm m/f ball valve for 3/8" copper fuel line	FUFILTER	Fuel filter (connection for 3/8" copper fuel line)		
	CODE	DESCRIPTION		CODE	DESCRIPTION
FUGAUGE	Apollo fuel gauge remote	FUCAPLOCK	Locking fuel cap		
	CODE	DESCRIPTION		CODE	DESCRIPTION
	FUELLK	Plastic Fuel Line Connection Kit		FBSPFULINE	Firebird flexi fuel line (3/8")
	<ul style="list-style-type: none"> Plastic fuel line connection kit, including copper insert, copper fuel line fitting, nuts, olives 	<ul style="list-style-type: none"> Comprises FUTAP10mm, FUFILTER, TEDDFV3M, TITON10X8FT, TITON10X10MT 	FUELLINEPL	15mm plastic fuel line (50m coil)	
			FUELLINEPLIN	15mm copper insert	

DIESEL FUEL ACCESSORIES, TANKS & BUNDS



 <p>460 Litre Alloy Tank</p>  <p>880 Litre Alloy Tank (left) & Bund (above)</p>	CODE	DESCRIPTION
	FUTANK500AL	Fuel Tank 460 Litre Alloy
	FUBUND500AL	Galvanised Fuel Bund 460 Litre for Alloy Tank
	FUTANK1000AL	Fuel Tank 880 Litre Alloy
	FUBUND1000AL	Galvanised Fuel Bund 880 Litre for Alloy Tank
<ul style="list-style-type: none"> • Corrosion proof fuel tank • Easy to manhandle • Designed for above ground installation only • 3/8" male fuel outlet 		




BUNDS

- Some local authorities require diesel tank installations to have a protective outer tank, or bund, to prevent against spills. Central Heating New Zealand offer bunds for both available diesel tank sizes. Refer to your local council for requirements.


DIESEL TANK INFORMATION

- Diesel tanks are designed and manufactured in compliance with relevant standards and regulations.
- Contact us for further information and installation instructions.

TOOLS FOR DIESEL BOILERS SYSTEMS

	CODE	DESCRIPTION		CODE	DESCRIPTION
	SMKTK	Smoke test gun kit		TESFLAN	Testo flue gas analyser kit
<ul style="list-style-type: none"> For commissioning standard efficiency diesel boilers 			<ul style="list-style-type: none"> The tool professionals use for commissioning gas & diesel boilers Comes with an infrared printer Price on application INDENT ORDER 		
	CODE	DESCRIPTION			
	STPRESSGAU	Oil pressure gauge & adapter			
<ul style="list-style-type: none"> For commissioning diesel boilers 					

SPARES FOR DIESEL BOILER SYSTEMS

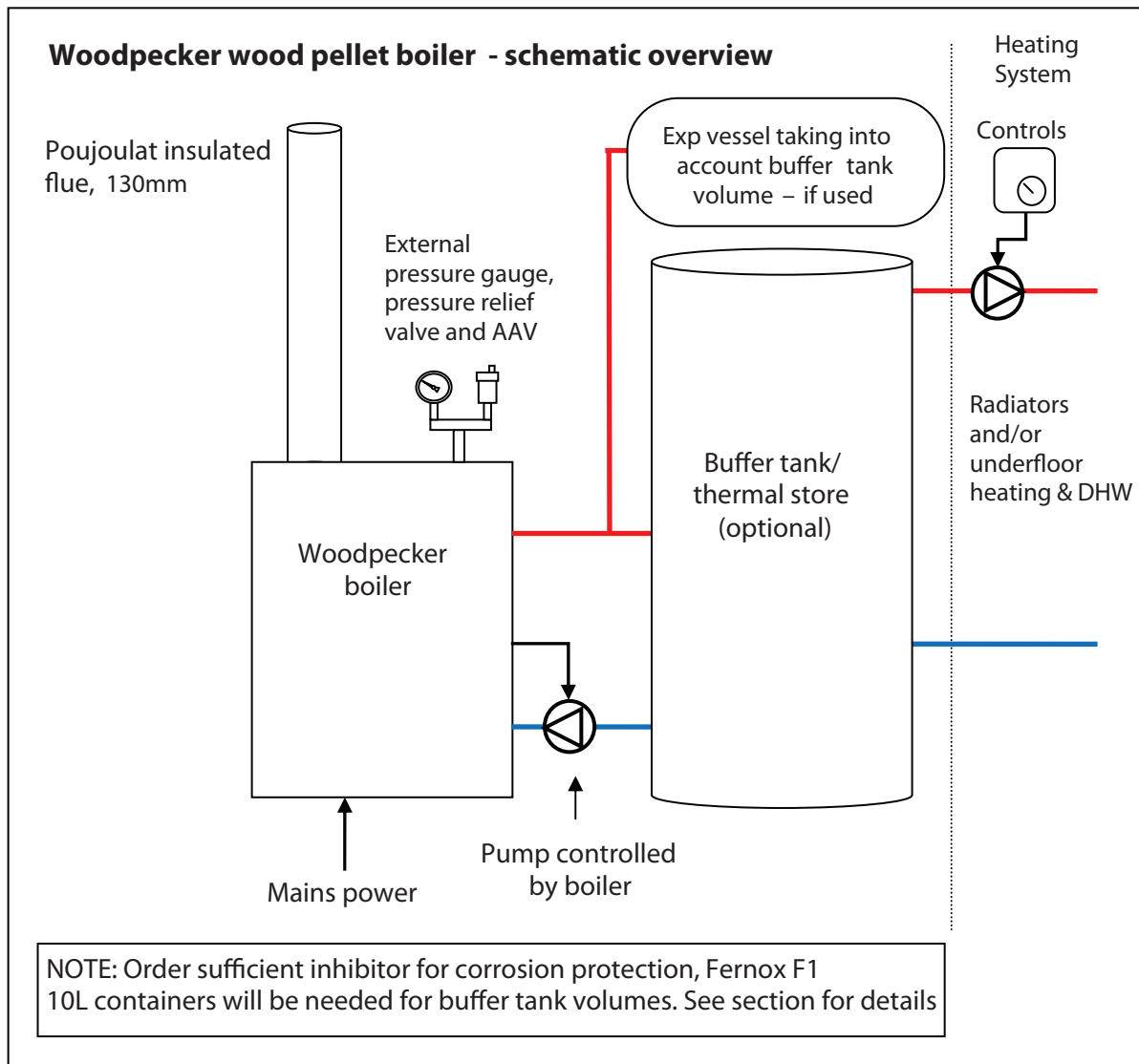
 <p>DANFOSS DIESEL NOZZLES</p>	CODE	DESCRIPTION
	FBSPNOZ4	0.40 US gal/hr, 80° Hollow flame
	FBSPNOZ5	0.50 US gal/hr, 80° Hollow flame
	FBSPNOZ60	0.60 US gal/hr, 80° Solid flame
	FBSPNOZ6080H	0.60 US gal/hr, 80° Hollow flame
	FBSPNOZ65	0.65 US gal/hr, 80° Solid flame
	FBSPNOZ6580H	0.65 US gal/hr, 80° Hollow flame

Other sizes are available.

A range of spare parts are also available, including:

- Boiler panels
- Boiler thermostats
- Electric plugs
- Condensate trap
- Fuel hoses
- Expansion vessels (12 and 14 litres)
- Pressure switches
- Pressure gauges
- PRV and AAV,
- Complete burners
- Burner control boxes
- Fuel pumps
- Blast tubes
- Electrodes
- Condensers
- Coils

BIOMASS BOILERS & ACCESSORIES



Schematic only intended as an overview - please consult us for further clarification

WOODPECKER WOOD PELLET BOILERS



- Use economical, renewable energy to provide warm water central heating, domestic hot water heating & pool heating
- Self cleaning boiler heat exchanger
- Self -cleaning burner
- 5 Step modulation
- Automatic ash removal
- 100kg integral hopper - larger external hoppers available
- **INDENT ONLY. COSYMAN OUTDOOR VERSION ALSO AVAILABLE**

CODE	DESCRIPTION	OUTPUT (kW)	DIMENSIONS
INDENT	25kW Woodpecker	25kW	840x505x600
INDENT	45kW Woodpecker	45kW	840x545x600

WOODPECKER 'THERMON' COMMERCIAL PELLET BOILER



- THE LATEST COMMERCIAL PELLETT BOILER
- 93% efficient
- Automatic heat exchanger cleaning
- Automatic burner cleaning using compressed air system
- Automatic vacuum fuel system
- Automatic ash removal
- Dial-in remote access for servicing
- **INDENT ONLY**

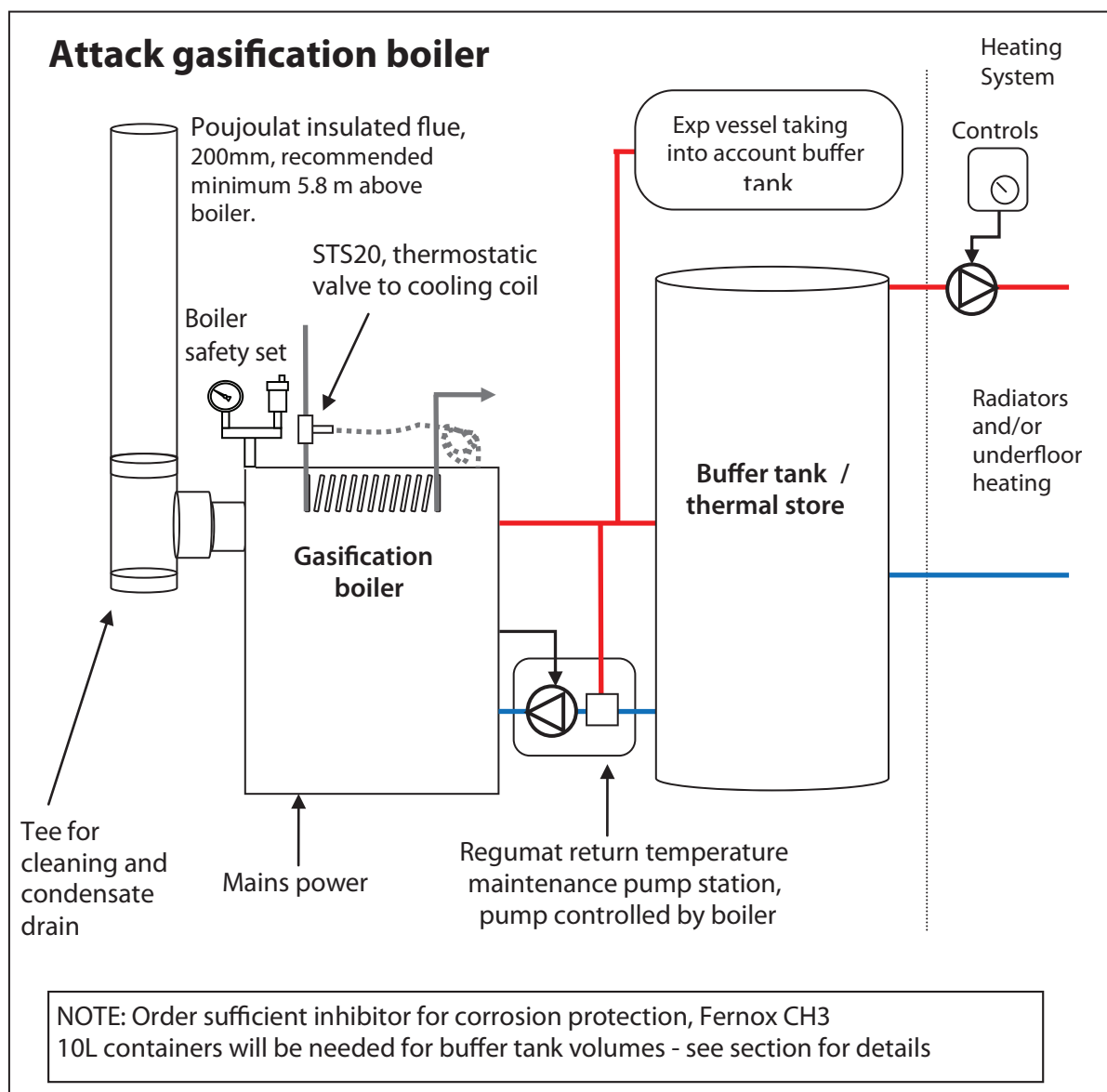
CODE	DESCRIPTION	OUTPUT (kW)	DIMENSIONS
INDENT	Thermon Commercial Boiler	50-300kW	H 1900 x W1860 x D1630

ATTACK LOG GASIFICATION BOILERS



- HIGH EFFICIENCY WOOD BOILER
- Combining wood gas and smoke with high temperature oxygen results in a super-hot flame in the ceramic combustion chamber
- The gases stay in this hot, turbulent environment long enough to achieve an 85% combustion efficiency, this is called gasification
- Less stoking required
- Large combustion chamber
- Connection to thermal store tanks recommended

CODE	DESCRIPTION	OUTPUT (kW)	DIMENSIONS
ATK35	Attack DP 35	35	410x760x925
ATK45	Attack DP 45	45	625x665x945
INDENT	Attack DP 75	75	call for details
INDENT	Attack DP 95	95	call for details



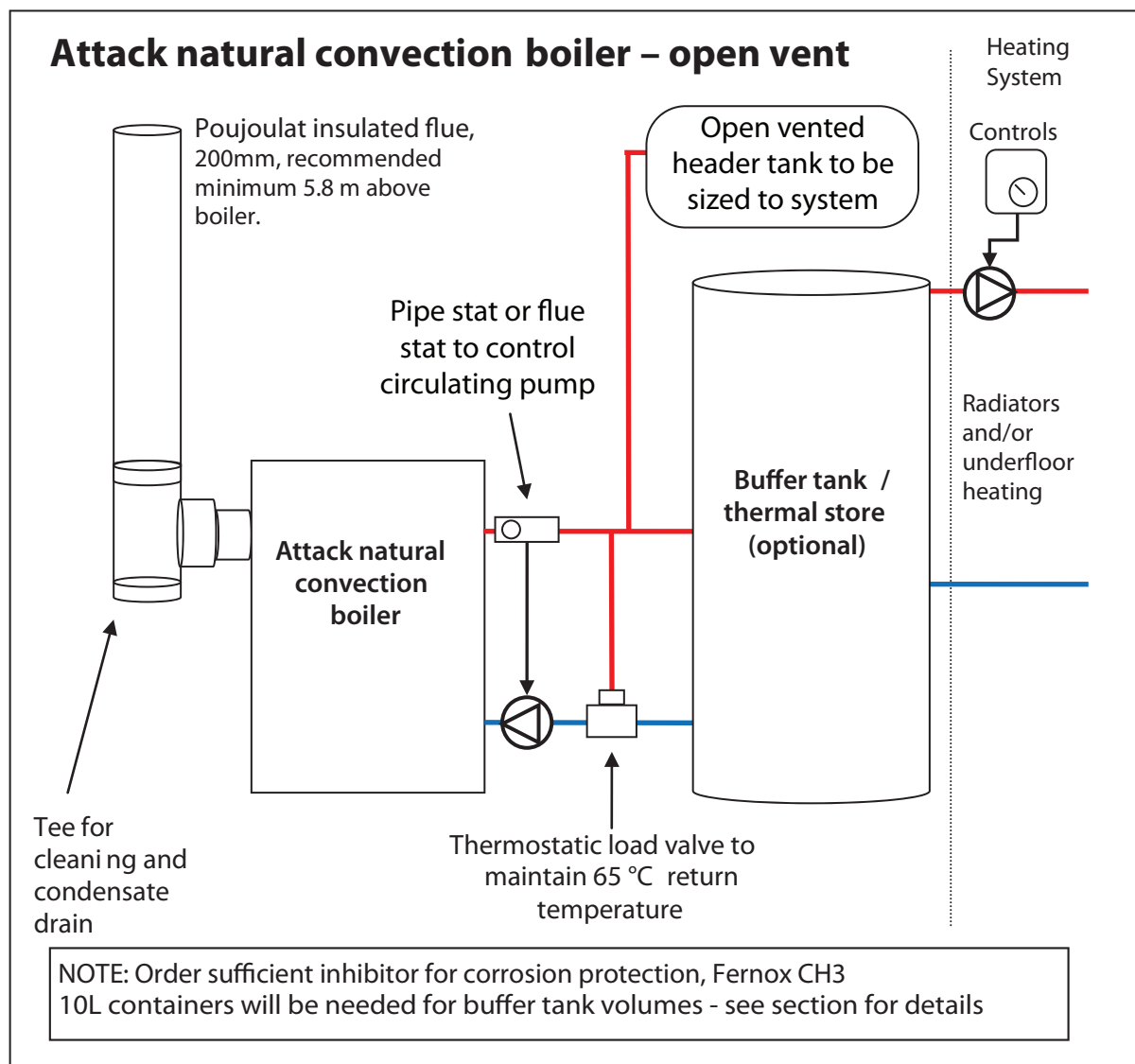
Schematic only intended as an overview - please consult us for further clarification

ATTACK ATMOSPHERIC MULTI-FUEL BOILERS





- UNIVERSAL CAST IRON SOLID FUEL BURNING BOILER
- Long life cast iron heat exchanger
- High resistance to corrosion
- 75% efficiency
- High reliability of regulating and safety components
- Can burn wood or coal
- Simple good value appliance
- ideal for radiator systems (no buffer tank required)

CODE	DESCRIPTION	OUTPUT (kW)	DIMENSIONS
ATK32	Attack Atmospheric Boiler	26kw (wood)	840x505x600




SOLID FUEL & WOOD PELLETT BOILER ACCESSORIES

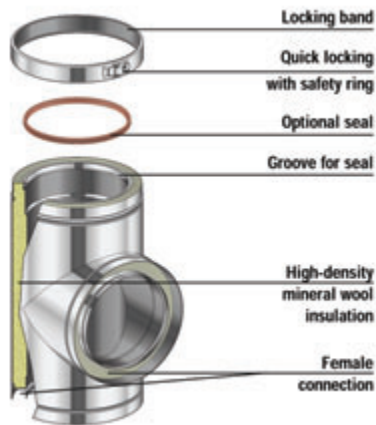


	CODE	DESCRIPTION		CODE	DESCRIPTION
	ATKTRV	Over-temperature valve for boiler cooling		ATKMVT	Solid fuel load valve (up to 35kW)
			ATKMVT45	Solid fuel load valve, 45kW	

	CODE	DESCRIPTION		CODE	DESCRIPTION
	VCOMBSET	Boiler safety set		ATKMV	Regumat mixing valve 25kw-35kw
	<ul style="list-style-type: none"> Includes AAV, pressure gauge, pressure relief, 25mm BSPF connection 		ATKMV45	Regumat mixing valve 45kw-75kw	

	CODE	DESCRIPTION
	ATKFGT	Flue gas thermostat
	<ul style="list-style-type: none"> For control of circulating pump when boiler is connected to a thermal store 	

POUJOLAT FLUE SYSTEMS

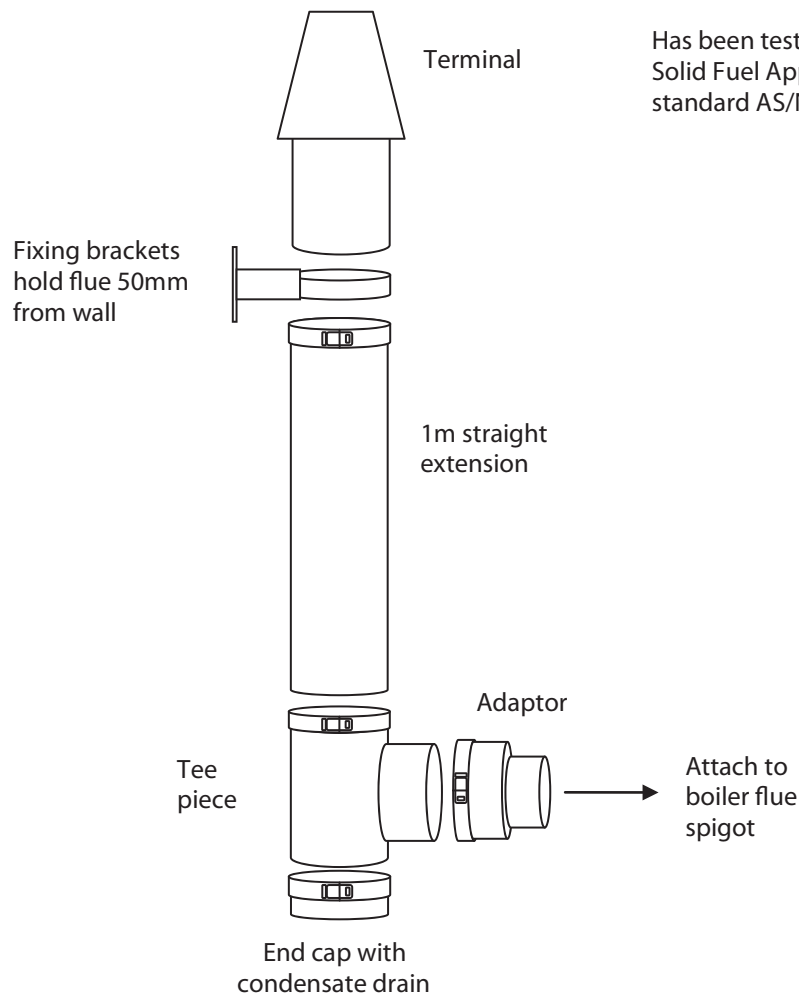


- High Quality polished stainless steel insulated flues
- Modular components means easy to transport & assemble
- Tested to NZ standards
- Suitable for all boilers: solid fuel, diesel and gas
- Full range of Poujoulat flue systems are available for both domestic and commercial installations. Contact us for more information and availability.

Poujoulat insulated flue system




Insulated flue has inner and outer stainless steel skin with 34mm mineral fibre insulation in between.

Has been tested and complies with Solid Fuel Appliance installation standard AS/NZS 2918.

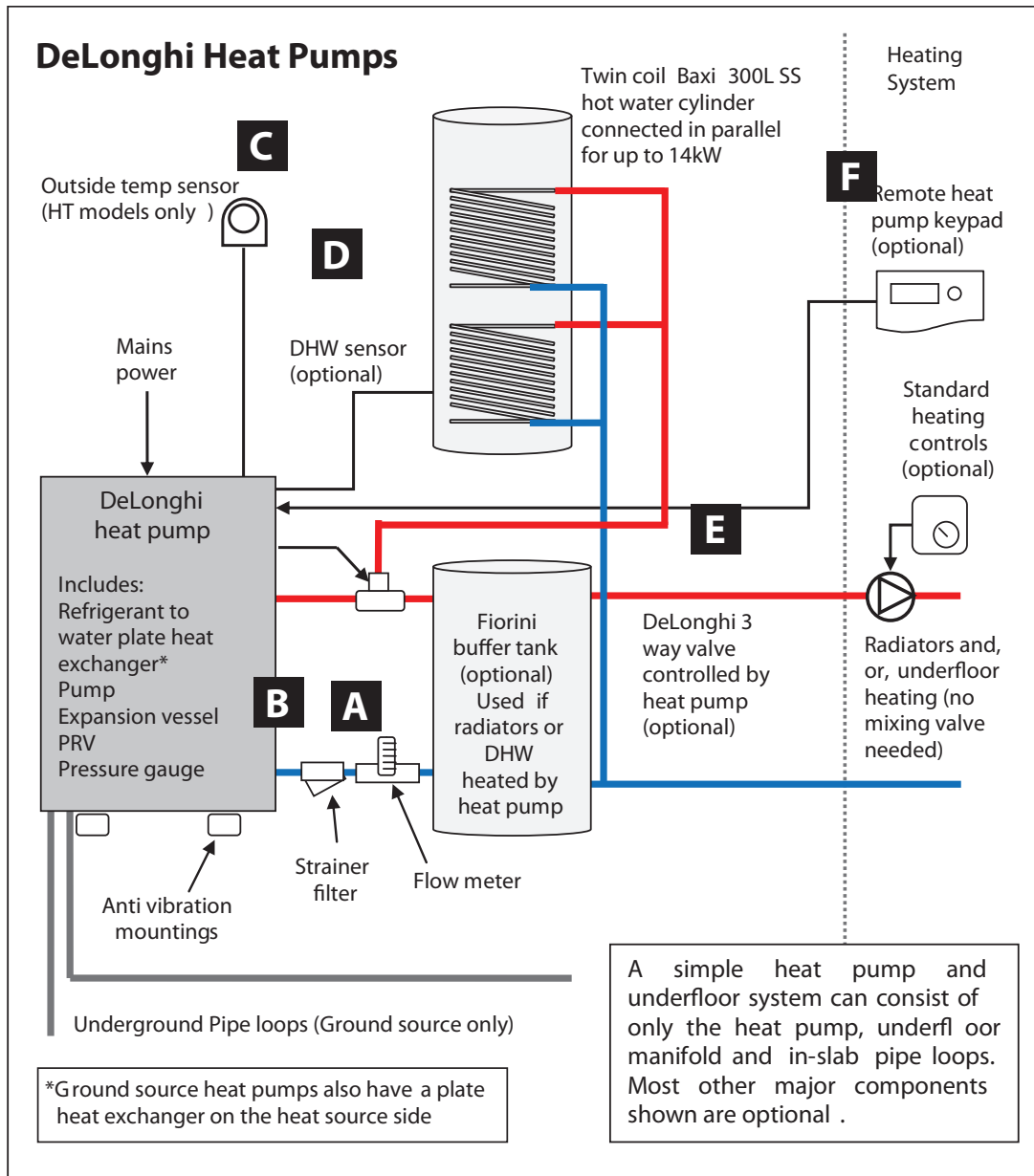


POUJOLAT FLUE COMPONENTS



	CODE	DESCRIPTION		CODE	DESCRIPTION
	GEC1000	Poujoulat Insulated Straight Flue 1000mm x 200mm		GEC45	Poujoulat Insulated 45 deg bend (200mm)
	GEF1000	Insulated Straight Flue 1000mm x 130mm		GEF45	Poujoulat Insulated 45 deg bend (130mm)
	CODE	DESCRIPTION		CODE	DESCRIPTION
	GECT90	Poujoulat Insulated Tee (200mm) (needs GECEC)		GECEC	Poujoulat Stainless Steel End Cap For Tee (200mm)
	GEFT90	Poujoulat Insulated Tee (130mm) (needs GEFEC)		GEFEC	Poujoulat Stainless Steel End Cap For Tee (130mm)
	CODE	DESCRIPTION		CODE	DESCRIPTION
	GECRC	Poujoulat CPI Rain Cap (200mm)		GEFADC	Poujoulat Anti Down Draft Cowl (terminal) (130mm)
	CODE	DESCRIPTION		CODE	DESCRIPTION
	GECTT	Poujoulat tapered terminal (200mm)		GECA	Poujoulat Adaptor to boiler (200mm)
				GEFA	Poujoulat Adaptor to boiler (130mm)
	CODE	DESCRIPTION		CODE	DESCRIPTION
	GECWB	Poujoulat Wall bracket (200mm)		GECXA	Poujoulat extending arms for wall bracket (200mm)
	GEFWB	Poujoulat Wall bracket (130mm)		GEFXA	Poujoulat extending arms for wall bracket (130mm)
	CODE	DESCRIPTION	Other Poujoulat flue system components are available via indent order. Contact Central Heating New Zealand for further details and pricing.		
	GECCP	Poujoulat ceiling Plate (200mm) Stainless Steel			

HYDRONIC HEAT PUMPS & ACCESSORIES



Components

	ORDER CODE	DESCRIPTION
A	GTWFM32	Flow Meter
B	HPKFILT112	Filter Kit
C	HPKOAS	DeLonghi HP Outside Air Sensor Kit
D	-	DHW Sensor
E	HPKVK	DeLonghi 3-way valve kit inc servo
F	HPKR series	DeLonghi Remote Controller kit (eg HSW11)

DE'LONGHI BRAN MH AIR-WATER HEAT PUMPS



- Cost-effective temperate climate air-to-water heat pump
- Heating only
- Max temperature 55°C
- Full hydraulic group
- Variable pump and fan
- Modulating set point
- R410A refrigerant
- Can control 2 setpoints via 3 way valve for DHW production
- For heating underfloor water, domestic hot water, heating fan coils or radiators

CODE	DESCRIPTION	OUTPUT (kW)
HPBRAN11H	De'Longhi BRAN MH 0011, single phase	6.5kW
HPBRAN25H	De'Longhi BRAN MH 0025, single phase	8.7kW
HPBRAN41H	De'Longhi BRAN MH 0041, single phase	13.8kW

DE'LONGHI AWR-MTDXE AIR-WATER HEAT PUMPS



- Reversible
- Specifically designed for heating in a cold climate
- Electric resistance drain tray
- For heating water up to 58°C and operating with temperatures as low as -15°C
- Includes full hydraulic group
- R410A refrigerant
- Controls 3-way valve for DHW production
- Inverter pumps and fans
- Modulating set point

CODE	DESCRIPTION	OUTPUT (kW)
HPAWR31MMTDXE	De'Longhi AWR MTDS 0031 1 Phase	11kW
HPAWR41MMTDXE	De'Longhi AWR MTDS 0041 1 Phase	14kW
HPAWR61TMTDXE	De'Longhi AWR MTDS 0061 3 Phase	18.3kW
HPAWR91MTDXE	De'Longhi AWR MTDS 0091 3 Phase	25kW

DELONGHI AW-HT AIR-WATER HEAT PUMPS



- Heating only - up to 65°C
- Operation to -20°C
- Ideal for radiator systems
- High tech control system
- Can be cascaded for higher output
- AW-HT Commercial models up to 120kW available

CODE	DESCRIPTION	OUTPUT (kW)
HPAW41MHT	DeLonghi AW HT 0041 1 Phase	14.9kW
HPAW61MHT	DeLonghi AW HT 0061 3 Phase	19.7kW
HPAW71MHT	DeLonghi AW HT 0071 3 Phase	26kW

CLIMAVENETA MICS LARGE CAPACITY AIR-WATER HEAT PUMPS



- **HEAT PUMPS FROM 18–45kW**
- Units can be cascaded together
- Modular units that offer maximum efficiency even at partial loads
- Units with different power and functions can be combined and managed as one whole unit
- 3 phase power is required
- Models from 20.2 kW - 47.9 kW
- Please enquire for further details. Indent only.

CODE	DESCRIPTION	OUTPUT (kW)
HPMICS72	MICS-N 0072 FF 20.2kW	20.2kW
HPMICS92	MICS-N 0092 FF 26.1kW	26.1kW
HPMICS122	MICS-N 0122 FF 33.9kW	33.9kW
HPMICS152	MICS-N 0152 FF 42.6kW	42.6kW
HPMICS182	MICS-N 0182 FF 47.9kW	47.9kW

DE'LONGHI BWR GEOTHERMAL HEAT PUMPS



- **MEDIUM TEMPERATURE (55°C) BRINE TO WATER REVERSIBLE HEAT PUMP**
- On board or remote control
- Scroll compressor
- Source and plant pump included
- Can control 3 way valve for DHW production
- COP 4.5
- R410A refrigerant
- 15 models from 5.4 kW - 33.3 kW
- Available as a water to water version for 'pump & dump'. Price on application.
- **System specifying advisable with all geothermal heat pumps.**

High capacity (up to 400kW) medium temperature ground sourced heat pumps are also available. **Please enquire for further details.**

- ***Indent only models**

CODE	DESCRIPTION	OUTPUT (kW)
HPBWR41MMTDS	DeLonghi BWR MTD 0041 – single phase	11.7kW
HPBWR61TMTD	DeLonghi BWR MTD 0061 – 3 Phase	16kW
HPBWR71TMTD	DeLonghi BWR MTD 0071 – 3 Phase*	19kW
HPBWR91TMTD	DeLonghi BWR MTD 0091 – 3 Phase*	23kW
HPBWR101TMTD	DeLonghi BWR MTD 0101 – 3 Phase*	26kW
HPBWR121TMTD	DeLonghi BWR MTD 0121 – 3 Phase*	33kW

For Ground loop kits please refer to the Pipe section of the catalogue.

For guaranteed specific design, please contact us - IGSHPA qualified designers & installers

HEAT PUMP SYSTEM COMPONENTS & ACCESSORIES

FIORINI THERMAL STORES



- **THERMAL STORES & BUFFER TANKS**
- 100mm thick insulation
- Stainless steel cylinder
- For larger tanks please see Fiorini Thermal stores in the Buffer Tank section
- **Call for details**

CODE	DESCRIPTION
HPKBT100	Fiorini Thermal Store 100ltr
HPKBT200	Fiorini Thermal Store 200ltr

	CODE	DESCRIPTION		CODE	DESCRIPTION
	HPKR3	DeLonghi Remote Controller kit HSW11		HPKFILT114	DeLonghi Filter Kit 1"1/4 0011-0025
	HPKR4	DeLonghi Remote Controller kit HSW12			
	HPKVK	DeLonghi 3-way valve kit inc servo and extension		HPKFILT112	DeLonghi Filter Kit 1"1/2 0031-0061
	HPKOAS	DeLonghi HP Outside Air Sensor Kit • for BWR series only • Requires HWS12		HPKANTVIBR	DeLonghi Anti Vibration Base Kit 0011-0061
	GTWFM25	25mm Flow Meter • 20-100L/min		GTWFM32	32mm Flow Meter • 20-100L/min
	GTWFM50	50mm Flow Meter • 20-200L/min			

DELONGHI ULTIMATE UNIVERSAL RADIATORS



DeLonghi Ultimate radiators are manufactured from steel panels to the very highest European standards. The Universal range comes complete with an internal thermostatic valve body, which enables each room to be controlled at a separate temperature, or for the heating to be turned off completely if a room is not being used.

- Pipe entry position is at the bottom of the radiator concealing any pipework. The Internal valve enables accurate balancing before installation, saving time.
- The radiators are fast-acting, safe, stylishly slim and can be coloured to suit any decor.
- The Type 11 are supplied with fixed position brackets. All radiators are supplied with bungs and bleed screws. The standard colour is white but they can be coloured to suit. This model is not reversible as all pipe connections are on the right.
- Type 21 and 22 models are supplied with wall mounting brackets that are adjustable along the length of the radiator for easy installation.
- Type 21 and 22 models are reversible in that they can be positioned with the pipe entry and TRV head at the left or the right.
- Type 32 and 33 are available on indent order.



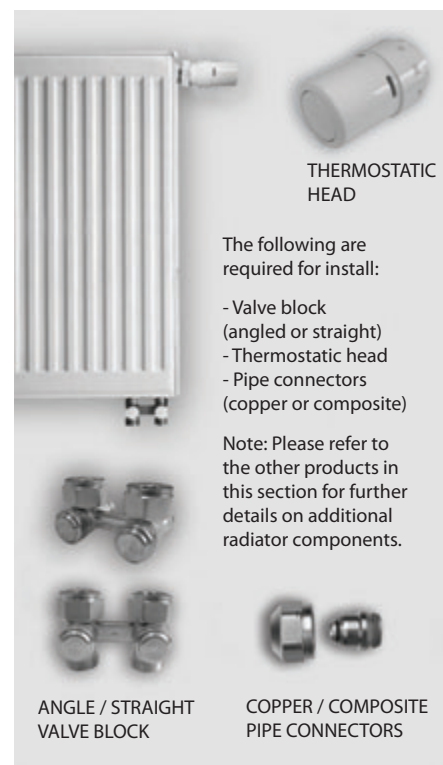
Radiator output is based on the following conditions:
90/70/20 - flow temperature/return temperature/room temperature.

Please ask for radiator specifications at different conditions.

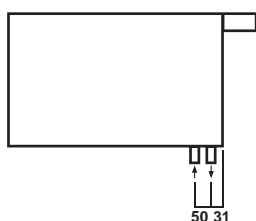
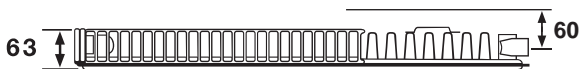
WE STOCK 38 DIFFERENT SIZES OF RADIATORS, BUT DELONGHI PRODUCE 400! PLEASE REQUEST A FULL LIST FOR INDENT ORDER

ALL DELONGHI RADIATORS HAVE AN UNBEATABLE 25 YEAR WARRANTY

EXAMPLE RADIATOR SET UP

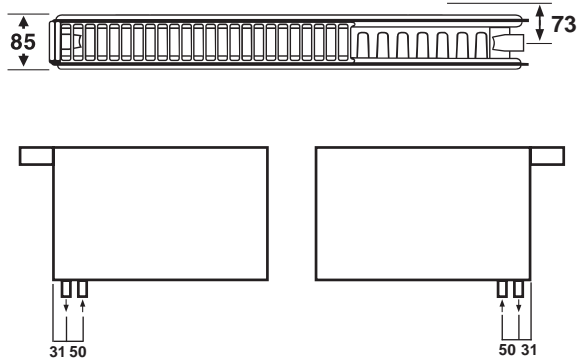


DELONGHI ULTIMATE TYPE 11 RADIATORS



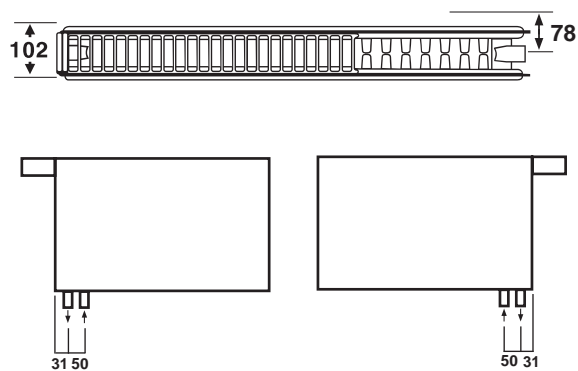
CODE	OUTPUT	DIMENSIONS (H x L)
DLUU11-41000	883 w	400 x 1000
DLUU11-41200	1059w	400 x 1200
DLUU11-41400	1236w	400 x 1400
DLUU11-6400	513w	600 x 400
DLUU11-6600	769w	600 x 600
DLUU11-6800	1026w	600 x 800
DLUU11-61000	1282w	600 x 1000
DLUU11-61200	1539w	600 x 1200

DELONGHI ULTIMATE TYPE 21 RADIATORS



CODE	OUTPUT	DIMENSIONS (H x L)
DLUU21-3400	419w	300 x 400
DLUU21-4600	788w	400 x 600
DLUU21-4800	1050w	400 x 800
DLUU21-41000	1313w	400 x 1000
DLUU21-41200	1576w	400 x 1200
DLUU21-6400	731w	600 x 400
DLUU21-6600	1096w	600 x 600
DLUU21-6800	1461w	600 x 800
DLUU21-61000	1826w	600 x 1000
DLUU21-61200	2192w	600 x 1200
DLUU21-61600	2922w	600 x 1600

DELONGHI ULTIMATE TYPE 22 RADIATORS



CODE	OUTPUT	DIMENSIONS (H x L)
DLUU22-31000	1262w	300 x 1000
DLUU22-31200	1514w	300 x 1200
DLUU22-31400	1766w	300 x 1400
DLUU22-31600	2019w	300 x 1600
DLUU22-31800	2271w	300 x 1800
DLUU22-41000	1615w	400 x 1000
DLUU22-41200	1938w	400 x 1200
DLUU22-41400	2261w	400 x 1400
DLUU22-41600	2584w	400 x 1600
DLUU22-41800	2906w	400 x 1800
DLUU22-6400	901w	600 x 400
DLUU22-6600	1351w	600 x 600
DLUU22-6800	1802w	600 x 800
DLUU22-61000	2252w	600 x 1000
DLUU22-61200	2702w	600 x 1200
DLUU22-61400	3153w	600 x 1400
DLUU22-61600	3603w	600 x 1600
DLUU22-61800	4054w	600 x 1800

DELONGHI VERTICAL TYPE 21 RADIATORS







- Minimal wall space required
- Elegant European style
- Conventional connection (no integral valve)
- 50mm twin port bottom entry
- Other sizes and styles available on indent order

CODE	OUTPUT	DIMENSIONS (H x L)
DLV21-14400	1400w	1400 x 400
DLV21-18600	2500w	1800 x 600



Central connection kit

RADIATOR CONNECTIONS

	CODE	DESCRIPTION		CODE	DESCRIPTION
	DLVBANG	Angle valve block		DLVBSTR	Straight valve block
	DLVBDANG	Danfoss Central Angled Valve Block for vertical radiators		DLVBDSTR	Danfoss Central Straight Valve Block for vertical radiators

PIPE CONNECTORS



CODE	DESCRIPTION	QUANTITY PER BAG
CONNUN3200	16x 1/2 Pipe Connector	1 per bag
CONMT1634	16 x 3/4 Pipe Connector	2 per bag
CONMT2034	20 x 3/4 Pipe Connector	2 per bag
CON437515	15 x 3/4 Copper Connector	2 per bag
CCU5042	Composite To Copper U25x22CU	10 per bag
CCU904042	Composite To Copper U25x22CU	1 per bag
CONMTPERT	PE-RT Manifold Connectors 16mm	1 per bag
CONMTPERTDN	PE-RT Double Nipple/Joiner 16mm	1 per bag

DELONGHI DESIGNER RADIATORS: MULTICOLONNA



- Stylish column radiator
- Available in white but can be coloured to suit any decor
- A large range of sizes and types are available

PLEASE NOTE: These are available on *indent order* only.
Please contact us to find out further product details and pricing.

DELONGHI DESIGNER RADIATORS: MIRO



- Stylish flat panel radiators
- Available in white but can be coloured to suit
- A large range of sizes and types are available
Type 10 & Type 20

PLEASE NOTE: These are available on *indent order* only.
Please contact us to find out further product details and pricing.

DELONGHI DESIGNER RADIATORS: LINEA



- Minimalist flat panel radiator
- Available in white but can be coloured to suit any decor
- A large range of sizes and types are available

PLEASE NOTE: These are available on *indent order* only.
Please contact us to find out further product details and pricing.



DE'LONGHI RICHMOND LINEA TOWEL RAILS



- Elegance Towel Rails are a high quality, stylish accessory to any central heating system
- Linea (straight) profile rails
- 22 tubes on 1186mm models, 13 on 691mm
- Highly efficient as towel warmers and driers
- Rails add a gentle, warm ambience to the bathroom
- Other sizes available upon request

CODE	OUTPUT	FINISH	DIMENSIONS
DLTRRCL12600	431W	Chrome	1186 x 600
DLTRRCL7450	192W	Chrome	691 x 450
DLTRRWL12600	598W	White	1186 x 600
DLTRRWL7450	286W	White	691 x 450

DE'LONGHI RICHMOND PARENTISI TOWEL RAILS



- Parentisi (curved) profile rails
- 22 Tubes on 1186mm models
- Other sizes available upon request

CODE	OUTPUT	FINISH	DIMENSIONS
DLTRRCP12600	431W	Chrome	1186 x 600
DLTRRWP12600	598W	White	1186 x 600

DE'LONGHI AGATA TOWEL RAILS



- Agata Towel Rails are an extremely modern flat panel towel rail
- Highly efficient as towel warmers and driers
- Available in two styles, Linea (straight) or Parentesi (curved)
- White finish only

CODE	OUTPUT	STYLE	DIMENSIONS
DLAGATA1108L	585W	Agata Linea	1108 x 550

DANFOSS RADIATOR VALVES & CONNECTORS



	CODE	DESCRIPTION		CODE	DESCRIPTION
	DANURXC	Danfoss URX pack chrome 15mm • water sensing		DANTRVTP	RA200 Danfoss Tamper Proof Thermohead 15mm
	DANURXW	Danfoss URX pack white 15mm • water sensing		DANTRVTPAT	Danfoss Tamper Proof Adjustment Tool
	DANTRV	RAX Danfoss Thermoheads White 15mm • air sensing		DANTHANG	Danfoss TRV Angle Valve 15mm
	DANTRVC	RAX Danfoss Thermoheads Chrome 15mm		DANTHST	Danfoss TRV Straight Valve 15mm
	DANTRVI	RAX Danfoss Thermohead brushed stainless steel 15mm • air sensing		DANLSANG	Danfoss Angle Lockshield Valve 15mm
	DANRTXW	RTX Danfoss Thermohead White water sensing 15mm		DANLSST	Danfoss Straight Lockshield Valve 15mm
	DANRTXC	RTX Danfoss Thermohead Chrome water sensing 15mm		DANDUOC	Danfoss VHX angle duo chrome pack
				DANDUOW	Danfoss VHX angle duo white pack
	DANEE150	Danfoss Towel Rail Electric Element 150 watt			<ul style="list-style-type: none"> • Supplied with RTX water sensor • For the Agata Towel Rail • Left or right connection, 15mm
	DANCCOM	Danfoss composite pipe connector (16mm x 1/2 MT)		DANCCOP15	Danfoss copper pipe connector (15mm x 1/2 MT)

PEGLER RADIATOR VALVES

	CODE	DESCRIPTION		CODE	DESCRIPTION
	PEG632013	Pegler Pack TRV+Lockshield Angled White		PEG632230	Pegler Pack TRV+Lockshield Angled All Chrome
	PEG632113	Pegler Pack TRV+Lockshield Straight White		PEG632235	Pegler Pack TRV+Lockshield Straight All Chrome
	PEG632200	Pegler Cross Top Angled Radiator Valve All Chrome	PLEASE REQUEST FURTHER INFORMATION ON VALVE CONFIGURATION FOR TOWEL RAILS		

DE'LONGHI/CLIMAVENETA FAN COIL RADIATORS



- Compact, wall-mounted (or in-wall) units that have a heating coil and a fan that propels heat created through ducts in the unit.
- Very effective at producing heat for their size capacity.
- Fan Coil units can run off low temperature water, and so are often used in conjunction with hot water heat pumps and geothermal heat pumps. High temperature heat sources can also be used.
- INDENT ONLY - CALL FOR DETAILS

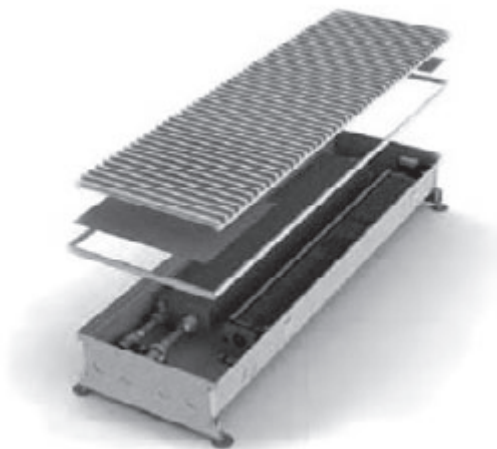
CODE	DESCRIPTION	kW (80/70/20)	kW (50/40/20)
FC240DFU	DFU240 A-life	5.79kW	3.39kW
FC440DFU	DFU440 A-life	7.55kW	4.47kW

MYSON FAN COIL RADIATORS



- The Myson range of fan coil radiators include both kickspace and wall mounted models
- White or chrome finish
- Suitable for low temperature applications, including hot water and geothermal heat pumps
- INDENT ONLY - CALL FOR DETAILS

MINIB TRENCH HEATER RADIATORS



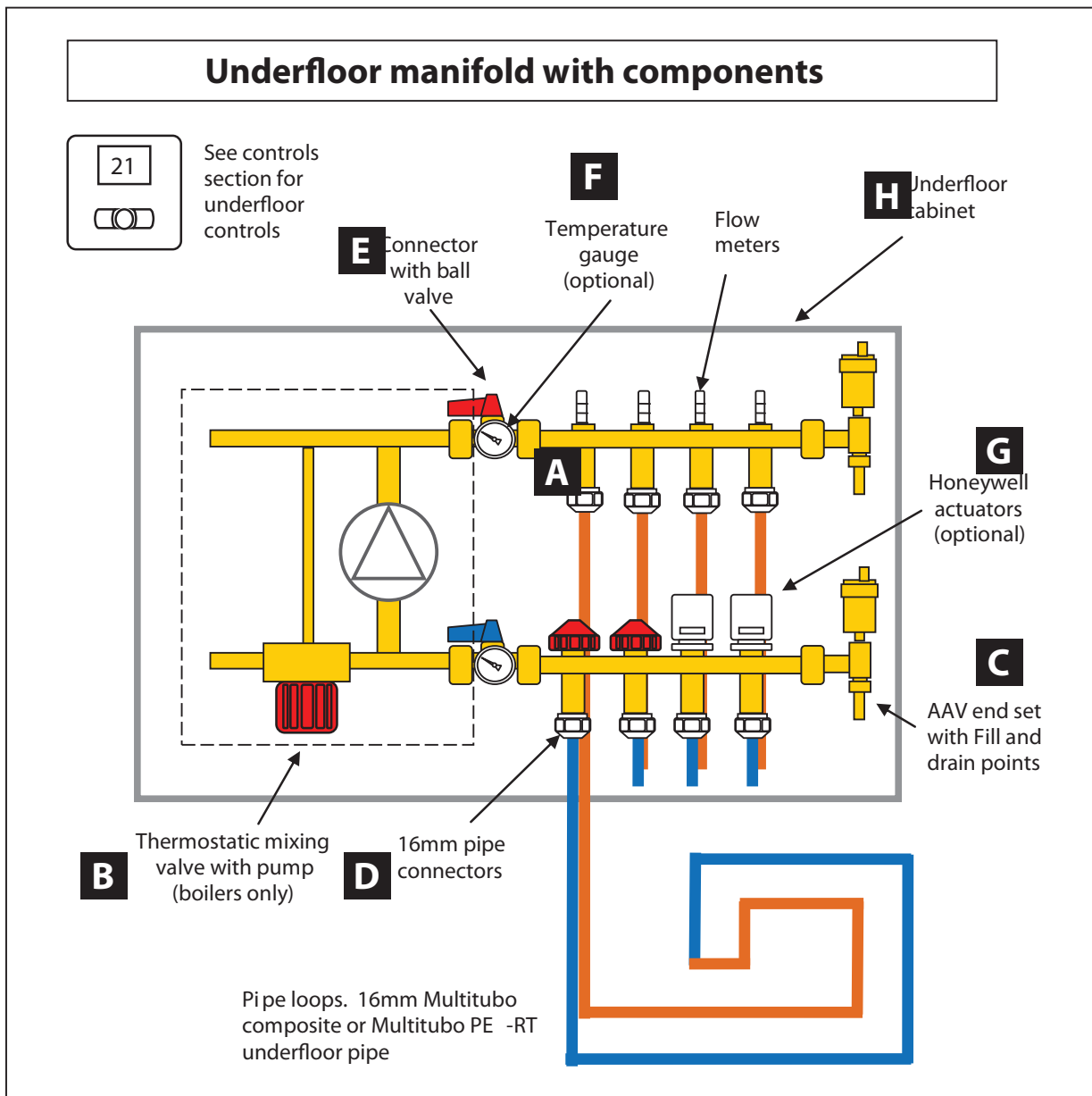
- Optimal output at a mean water temperature of 70 °C (75/65 °C), but can be used in medium and low temp systems
- Can be used in both wet and dry environments
- INDENT ONLY - CALL FOR DETAILS

FERNOX SYSTEM TREATMENT PRODUCTS



	CODE	DESCRIPTION		CODE	DESCRIPTION
	FXPRO290	FernoX Protector 290ml cartridge • 1 cartridge per 10 radiator system		FXPRO10L	HVAC1 10L • Commercial concentrate • 0.5% dosage
	FXPRO500	FernoX Protector 500ml bottle		FXAFR25L	FernoX Protector Plus 25L Anti-Freeze • Frost protection • System inhibitor
	FXCLE290	FernoX Cleaner 290ml cartridge		FXAFRZ5L	FernoX Protector Plus 5L Anti-Freeze • Frost protection • System inhibitor
	FXISX	FernoX L-SX Joint Sealer • 50ml cartridge		FXSEAL290	FernoX System Leak Sealer • 500ml Bottle
	FXSIL290	FernoX Boiler Silencer 290ml cartridge		FXHW	FernoX Hawke White jointing Compound
	FXPROTST	FernoX Protector test kit • for checking level of corrosion inhibitor present in the system		FXWATH	FernoX Water Hawke jointing Compound
	FXFP	Fluxite Paste • Soft solder Flux • 100g		FXFPFP	Fry Power Flow Flux • Soft solder Flux
	FXTF1	FernoX Total Filter • Ensures long life for systems			

UNDERFLOOR HEATING



Typical Components

	ORDER CODE	DESCRIPTION	ORDER CODE	DESCRIPTION
A	UFMxxxxx	Watts 25mm manifold w/ flow meters (various sizes)	E	UFMBV Ball valve set
B	UFHDC	Thermostatic mixing valve with pump (boilers only)	F	UFFT Temperature gauge
C	UFMAAV	End set with fill point & AAVs	G	UFMACT Honeywell NZ electrical actuators (zone control only)
D	CONMT1634	16mm pipe connectors	H	UFC0xxx Underfloor cabinet (various sizes)

UNDERFLOOR PIPE PRODUCTS



MULTITUBO PE-RT PIPE & CONNECTORS



- New generation polyethylene pipe with raised temperature resistance
- Manufactured in Germany with state-of-the-art machinery
- Strong yet highly flexible
- Ideal for hydronic underfloor heating
- Product life in excess of 50 years - suitable for embedding in concrete floor slab
- Maximum operating temperature of 70°C
- Oxygen barrier

CODE	DESCRIPTION	QUANTITY PER ORDER
MT16PERT	MT PE-RT Pipe 16mm 300m Coil	300m coil
CONMTPERT	PE-RT Manifold Connectors 16mm	1 per bag
CONMTPERTDN	PE-RT Double Nipple/Joiner 16mm	1 per bag

MULTITUBO COMPOSITE PIPE

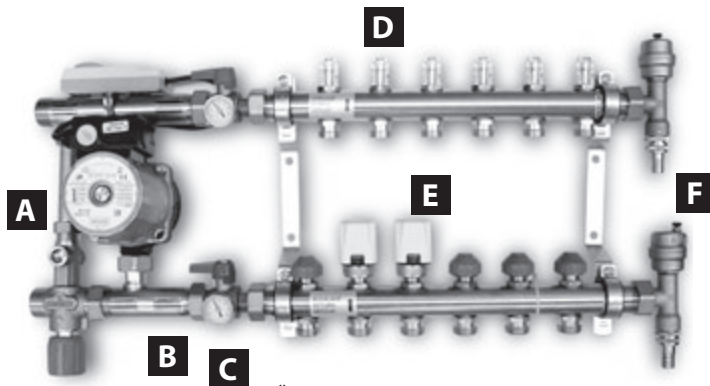


- Multi-layer composite pipe suitable for hot and cold water supply, radiant heating supply and in-floor heating elements.
- Pipe sizes ranging from 16 mm to 63 mm.
- BRANZ Appraised for use as the piping components for water supply as per the scope of New Zealand Building Code (NZBC) Acceptable Solution G12/AS1, and Verification Method G12/VM1 and as pipe for proprietary heating systems subject to specific design.
- To find out more, visit BRANZ.co.nz and view appraisal 740.

CODE	DESCRIPTION	QUANTITY PER ORDER
MT16	16mm x 2mm	250m coil
MT20	20mm x 2.25mm	100m coil
MT116	11.6mm	200m coil

Contact us for further details on screed floor systems, including pipe, waffle laying board and edge insulation.

WATTS 1" MANIFOLDS*



- Simplest underfloor manifold system on the market
- Suitable up to 200sqm homes
- Reliable German quality
- 25mm manifolds & connections
- Gasket connections for quick assembly
- **Made up of the components below or as pre-assembled manifold & cabinet sets.**
Please enquire for details

* Image shows example manifold set-up set up.
Not all components are included, see below for details.

ORDER CODE	DESCRIPTION	CODE	DESCRIPTION
A	UFHDC Pump & mixer	UFM02W	Underfloor 2 Way Manifold
B	UFMBV Ball valve	UFM04W	Underfloor 4 Way Manifold
C	UFFT Thermometer	UFM06W	Underfloor 6 Way Manifold
D	UFFM135 Flow Meters	UFM08W	Underfloor 8 Way Manifold
E	UFMACT Actuator	UFM10W	Underfloor 10 Way Manifold
F	UFMAAV AAV End set	UFM12W	Underfloor 12 Way Manifold
		UFM1XW	UF 1 Port Manifold extension1" (flow & return)

CODE	DESCRIPTION	CODE	DESCRIPTION
UFMAAV	Underfloor AAV end set for manifold	UFMBV	Ball Valve Pair
UFMAAVM	Underfloor end set for manifold manual vent		<ul style="list-style-type: none"> • Male/female • Order thermostat separately (UFFT)

CODE	DESCRIPTION	CODE	DESCRIPTION
UFHDC	HDC Pump Mixer <ul style="list-style-type: none"> • 18kW • 7m pump • Pre-wire overheat thermostat • 30° to 60° mixing valve 	UFFT	Thermometer <ul style="list-style-type: none"> • To fit UFMBV Ball valve

UNDERFLOOR MANIFOLD ACTUATORS



- Motorised valve actuator to use with an underfloor manifold.
- Normally closed. 230V AC
- This valve contains a micro-switch that closes once the valve is fully open.

CODE	DESCRIPTION
UFMACT	2-wire Underfloor Manifold Actuator Honeywell 230v NC
UFMAS	4-wire Underfloor Manifold Actuator Honeywell 230v NC

FAR UNDERFLOOR SYSTEMS OVERVIEW



- FAR High quality modular systems provide greater flexibility to build manifolds with the exact number of loops required and can provide more loops than with other systems.
- Commercial quality off set full bore manifold, 25mm.

Modular underfloor manifold for underfloor heating systems, complete with:

- Fixed point or modulating temperature regulation
- Over temperature thermostat
- AAVs
- Temperature gauges
- Flow meters
- Fixing brackets
- Requires pump selection (130mm)
- Optional dynamic setpoint regulator
- Extension ports can be added
- 1 1/4" and 1 1/2" Far manifolds are available on indent order.
- Flow side supplied complete with flow meters and return with manual balancing valves.
- Pump needs to be ordered separately; such as WILORS2570

Higher flow rates







- FAR manifolds have less hydraulic resistance and a more even pressure drop across each loop as the connections to each loop are offset from the primary pipes as shown left; compared to other types that have the connections to each loop, eg on the centreline of the manifold which increases hydraulic resistance.

Control

- Flow through pipe loops can be controlled by electronic actuators. FAR actuators are required.
- Made up of the components below or as pre-assembled manifold & cabinet sets. Please enquire for details

CODE	DESCRIPTION
UFM06WFFM	UF 6 Way Manifold with AAV & flow meters 1" FAR
UFM08WFFM	UF 8 Way Manifold with AAV & flow meters 1" FAR
UFM09WFFM	UF 9 Way Manifold with AAV & flow meters 1" FAR
UFM10WFFM	UF 10 Way Manifold with AAV & flow meters 1" FAR
UFM11WFFM	UF 11 Way Manifold with AAV & flow meters 1" FAR
UFM12WFFM	UF12 Way Manifold with AAV & flow meters 1" FAR
UFM13WFFM	UF 13 Way Manifold with AAV & flow meters 1" FAR
UFM14WFFM	UF 14 Way Manifold with AAV & flow meters 1" FAR
UFM15WFFM	UF 15 Way Manifold with AAV & flow meters 1" FAR
UFM16WFFM	UF 16 Way Manifold with AAV & flow meters 1" FAR
UFM17WFFM	UF 17 Way Manifold with AAV & flow meters 1" FAR
UFM18WFFM	UF 18 Way Manifold with AAV & flow meters 1" FAR

FAR UNDERFLOOR SYSTEM COMPONENTS

	CODE	DESCRIPTION		CODE	DESCRIPTION
	UFMM1M	Underfloor Manifold Mixer 1" Modulating FAR		UFMM1	Underfloor Manifold Mixer 1" Fixed Point FAR
	UFFTF	Underfloor Flow Thermometer FAR 3/4"		UFM03WI	UF 3 Way Manifold insulation FAR
	UFMACTF	Underfloor FAR Actuator for manifold (FAR) 230v		UFMBPKF	Underfloor Manifold By-pass Kit FAR 1"
	UFMP	Underfloor Manifold Plug FAR			

UNDERFLOOR CABINETS







- Can be flush or surface mounted
- Contact us for availability and full specifications

CODE	DIMENSIONS
UFC0750	750mm x 600mm x 130mm
UFC0900	900mm x 600mm x 130mm
UFC1100	1100mm x 600mm x 130mm
UFC1200	1200mm x 600mm x 130mm

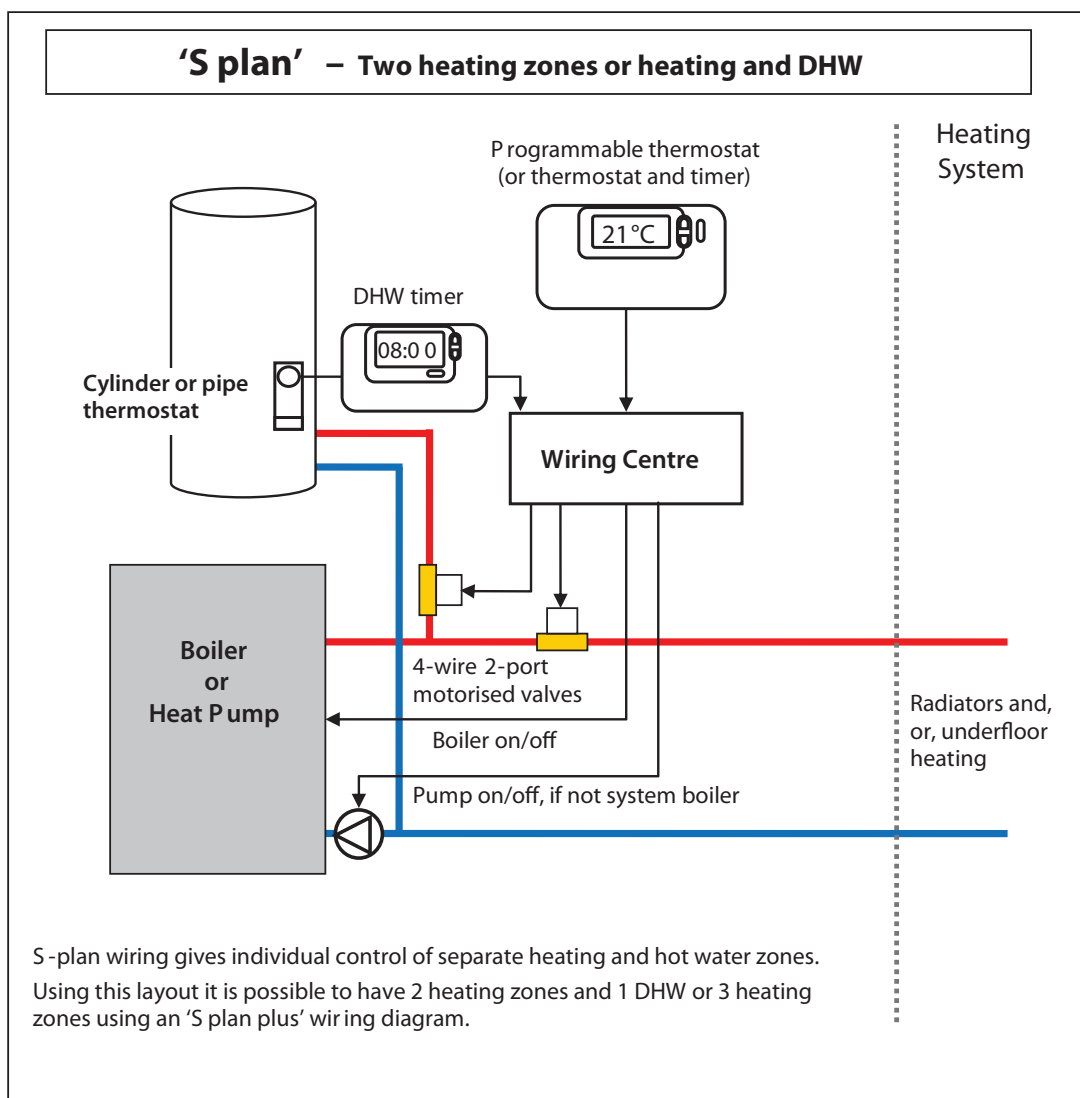
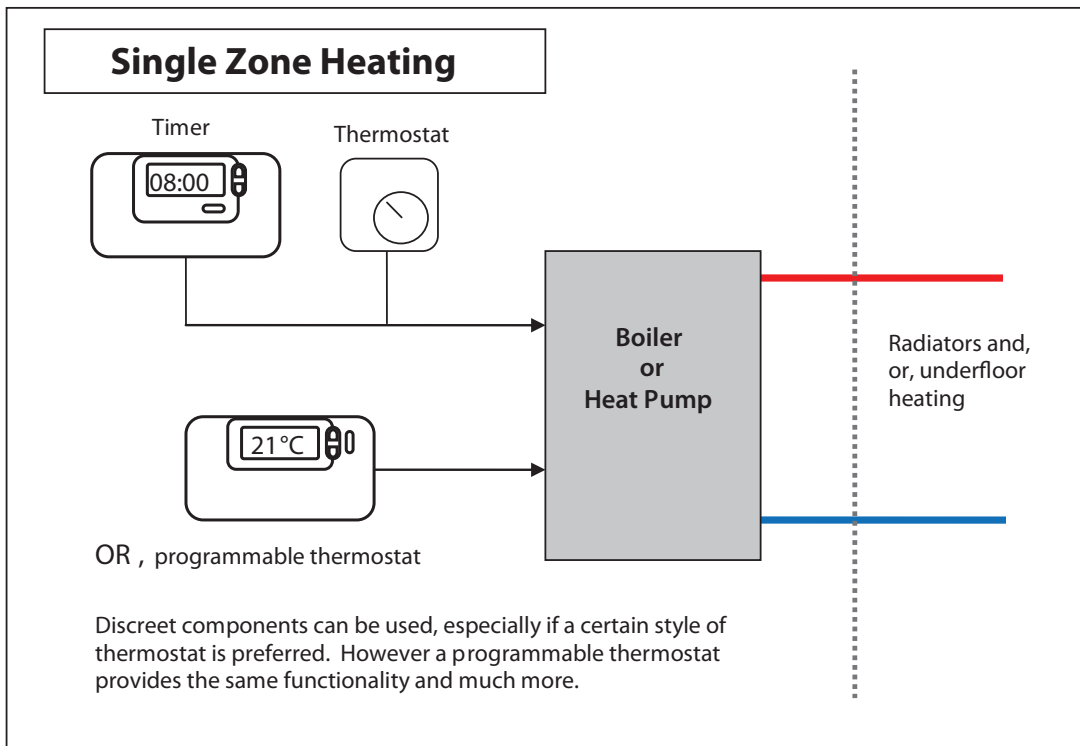
WATTS MANIFOLD REQUIREMENTS		
PORTS	Length (mm)	
	Without mixer	With mixer
2	295	545
4	405	655
6	515	765
8	625	875
10	735	985
12	845	1095

FAR MANIFOLD REQUIREMENTS		
PORTS	Length	
	Without mixer	With mixer
6	375	755
8	475	855
10	580	960
12	680	1060

UNDERFLOOR INSTALLATION TOOLS

	CODE	DESCRIPTION		CODE	DESCRIPTION
	MTTPD	Tall Pipe Decoiler • 4 arm pipe decoiler • ideal for Multitubo pipe products		UFTG	Capricorn Underfloor Tacker Gun • Holds UFCLIPS (20mm) • Suitable for 16mm & 20mm pipe
	UFMPCT	Malco Hand tool		UFCLIPS	20mm x 50mm • Suitable for 16mm & 20mm pipe
	UFMWC	Wire clips for Malco hand tool (500 per box)			

CONTROLS, PUMPS & VALVES



PROGRAMMABLE THERMOSTATS & TIMERS

Honeywell

HONEYWELL T 4360 ROOM THERMOSTAT



- Traditional bi-metallic strip style thermostat 230V.
- Can also be used with heat pumps and wood pellet boilers to avoid rapid boiler cycling when no buffer tank is used.
- *Requires Eurobox flushbox*

CODE	DESCRIPTION
HONT4360	Honeywell T 4360 room thermostat

HONEYWELL DT90A ROOM THERMOSTAT



- *Requires Eurobox flushbox*

CODE	DESCRIPTION
HONDIGSTAT	Honeywell DT90A room thermostat

AUBE ANALOGUE THERMOSTAT WITH 4.5M FLOOR PROBE



- An analogue thermostat designed for underfloor use with a floor temperature sensor (floor probe) to enable control of minimum and maximum slab temperatures as well as room temperature.
- 230V AC
- *Requires Eurobox flushbox*

CODE	DESCRIPTION
AUTSFLP	Aube analogue thermostat with 4.5m floor probe

HONEYWELL AQUASTAT



- Temperature range 25°C- 95°C

CODE	DESCRIPTION
HONAS	Honeywell Aquastat

WATTS PIPE THERMOSTAT



- Temperature range 30°C- 90°C, direct mount to pipe
- *Good metal to metal contact is required*

CODE	DESCRIPTION
STATPIPE2090	Hot Water cylinder or Pipe thermostat

PROGRAMMABLE THERMOSTATS & TIMERS

HONEYWELL CM907 PROGRAMMABLE ROOM THERMOSTAT



- Provides all the functionality of a room thermostat and timer
- Most user friendly controller on the market; has text explanations on screen and separate user manual.
- Default display: date time and room temperature
- Different program for each day of the week
- Up to 6 different temperatures can be set for each day
- Extra hour button that runs the heating for one hour after pressing button before returning to normal program.
- Can be set to Auto, Manual or Off mode. In Off mode frost protection is still provided at 5°C.
- Advanced functions such as optimum start and pump exercise can be set in the installer options if wanted.

CODE	DESCRIPTION
HONCM907	Honeywell CM907 programmable room thermostat

HONEYWELL CM927 WIRELESS PROGRAMMABLE THERMOSTAT



- Provides all the functionality of the CM907 except the controller sends RF signals to a base station which switches the heating system on & off.

CODE	DESCRIPTION
HONCF927RF	Honeywell CM927 wireless programmable thermostat

AUBE DIGITAL PROGRAMMABLE THERMOSTAT WITH 4.5M FLOOR PROBE



- A programmable thermostat for setting room temperature schedules with a floor temperature sensor (floor probe) to enable setting a maximum slab temperature.
- Time schedules have 2 comfort (higher temperature) periods a day and 2 economy (lower temperature) periods a day.
- Different schedules for each day of the week are possible.
- 230V AC

CODE	DESCRIPTION
AUPFLP	Aube digital programmable thermostat & 4.5m floor probe

SYSTEM TIMERS

Honeywell

HONEYWELL SINGLE CHANNEL TIMER



- Timer with all timer functionality found on a programmable thermostat such as a CM907
- 7 Day or 5/2 day programming
- 3 separate ON periods a day
- Extra hour function – turns system on for one hour only after press of button.
- Modes: Off, Auto, Once, Continuous

CODE	DESCRIPTION
HON1CHP	Honeywell single channel timer

HONEYWELL 2 CHANNEL TIMER



- Timer with all timer functionality found on a programmable thermostat such as a CM907, but for 2 separate channels
- 7 Day or 5/2 day programming
- 3 separate ON periods a day
- Extra hour function – turns system on for one hour only after press of button.
- Modes: Off, Auto, Once, Continuous

CODE	DESCRIPTION
HON2CHP	Honeywell 2 channel timer

PEGLER 3 CHANNEL TIMER



- 3 channels, 2 heating 1 DHW
- 7 day, 3 on/off periods per day
- Extra hour and Advance to next period buttons
- Modes: Auto - All day – On Constantly - Off

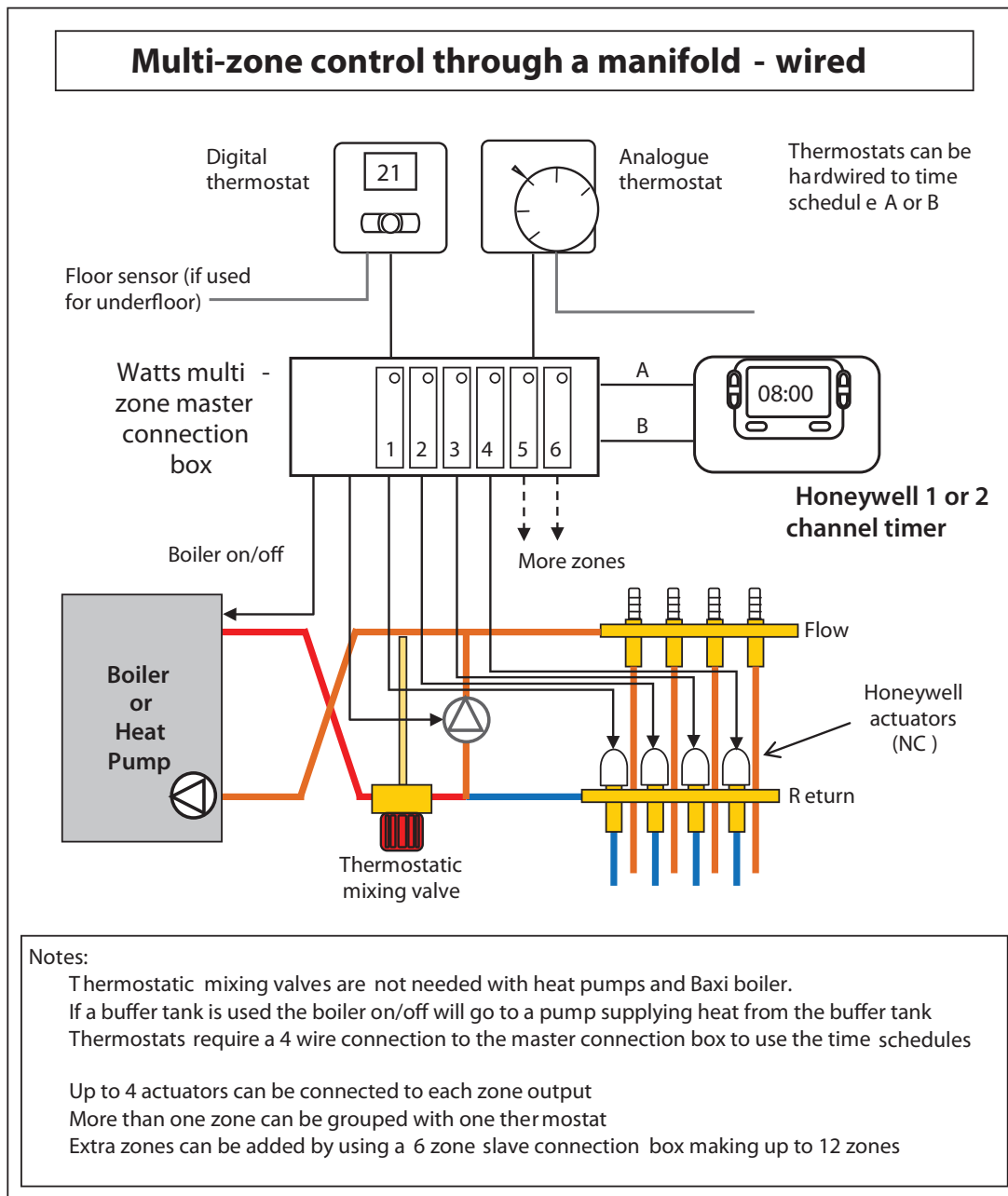
CODE	DESCRIPTION
PEG658003	Pegler 3 channel timer

PEGLER WIRING CENTRE



CODE	DESCRIPTION
PEG658071	Connecting box for Wiring

WATTS WIRED (230V) MULTI ZONE CONTROL SYSTEMS



WATTS DIGITAL WIRED THERMOSTAT WITH 3M FLOOR PROBE



- This thermostat can be used on its own to control a heating zone, or with a timer, or as one of several thermostats connected with a multi zone controller.
- Button adjustable setpoint
- 3 modes: Off, comfort and economy.
- Comes with floor temperature sensor to control minimum and maximum floor temperatures.
- Note: 4 core wire is required to connect the thermostat to the master connection box if time schedules are to be used.
- 230V AC • Probe 6.5mm x 30mm

CODE	DESCRIPTION
WATWDT	Watts digital wired thermostat with 3m floor probe

ANALOGUE THERMOSTAT WITH 3M FLOOR PROBE



- This thermostat can be used on its own to control a heating zone, or with a timer, or as one of several thermostats connected with a multi zone controller.
- 3 modes: Comfort, economy and Auto
- Comes with floor temperature sensor to control minimum and maximum floor temperatures.
- Note: 4 core wire is required to connect the thermostat to the master connection box if time schedules are to be used.
- 230V AC • Probe 6.5mm x 30mm

CODE	DESCRIPTION
WATWAT	Watts wired analogue thermostat

WATTS WIRED DIGITAL CLOCK TIMER



- Needs to be connected to a master connection box to work (Order # WATHWCBS)
- Can control up to 6 zones with up to 4 actuators attached to each zone.
- This version (wired) can set only 2 different time zones, A or B, any number of thermostats can be allocated to each time zone. A thermostat is hard wired to be in zone A or B at the thermostat.
- Any zone calling for heat will turn on heat source and pump.
- Output is closing relay to switch 230v power to heat source and pump; separate outputs.
- More than one zone can be attached to each thermostat
- Each zone can be set to a different time schedule.
- Modes: Comfort, Economy, Auto, Off.

CODE	DESCRIPTION
WATWDCT	Watts wired digital timer

WATTS WIRED 6 ZONE MASTER CONNECTION BOX



- Can be connected to a programmer control box WATWDCT or Honeywell single or 2 channel programmer
- This part connects to the thermostats, zone valves or actuators, heatsource and pump. Can connect up to 6 zones with up to 4 actuators attached to each zone.
- Any zone calling for heat will turn on heat source and pump.
- Output is closing relay to switch 230v power to heat source and pump; separate outputs.
- More than one zone can be attached to each thermostat.
- All connections 230V AC

CODE	DESCRIPTION
WATWCB	Watts digital wired connection box

WATTS WIRED 6 ZONE SLAVE CONNECTION BOX



- This module extends the multi zone Master from 6 to 12.
- Receiver programmer unit automatically detects extra zones

CODE	DESCRIPTION
WATHWCBS	Watts wired 6 zone slave connection box

WATTS DIGITAL RF THERMOSTAT



- Part of an RF control system, this versatile digital thermostat can be used with a single RF receiver or as one thermostat linked to a Watts multi zone RF controller.
- Button adjustable Setpoint
- 3 modes: Comfort, economy & Auto
- Can be fitted with floor temperature sensor to control minimum and maximum floor temperatures.

CODE	DESCRIPTION
WATDT	Watts Digital RF thermostat

WATTS RF ANALOGUE THERMOSTAT



- This analogue thermostat can be used with a single RF receiver or as one thermostat linked to a Watts multi zone RF controller.
- 3 modes: Comfort, economy & Auto
- Cannot be fitted with floor temperature sensor.
- Can set max and min air temperatures.

CODE	DESCRIPTION
WATAT	Watts RF Analogue thermostat



- Floor temperature sensor to be used with Watts RF digital thermostats only.
- Length 3m, 10K NTC.

CODE	DESCRIPTION
WATFP	Floor Temperature Sensor

SINGLE ZONE WATTS RF RECEIVER



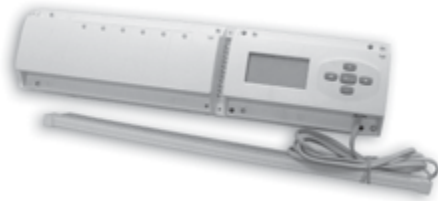
- Receives RF signals from Watts RF thermostats to close a relay. 230 VAC.
- Needs a permanent 230VAC power supply to operate.

CODE	DESCRIPTION
WATFR	Single zone Watts RF receiver.

WATTS RF HEATING CONTROL SYSTEMS



WATTS MULTI-ZONE RF CONTROL UNIT



- Receiver/programmer and master connecting box.
- Consists of master unit to connect to zone actuators, heatsource and pump, and a receiver/programmer unit.
- Can control up to 6 zones with up to 4 actuators attached to each zone.
- Any zone calling for heat will turn on heat source and pump.
- Output is closing relay to switch 230v power to heat source and pump; separate outputs.
- More than one zone can be attached to each thermostat
- Each zone can be set to a different time schedule.
- Modes: Comfort, Economy, Auto, Off.

CODE	DESCRIPTION
WATRFCB	Watts multi-zone RF control unit

WATTS RF SLAVE CONNECTING BOX



- Watts RF Slave connecting box This module fits in between the multi zone Master connecting box and Receiver/programmer unit to extend the total number of zones from 6 to 12.
- Receiver/programmer unit automatically detects extra zones.

CODE	DESCRIPTION
WATRFCBS	Watts RF Slave connecting box

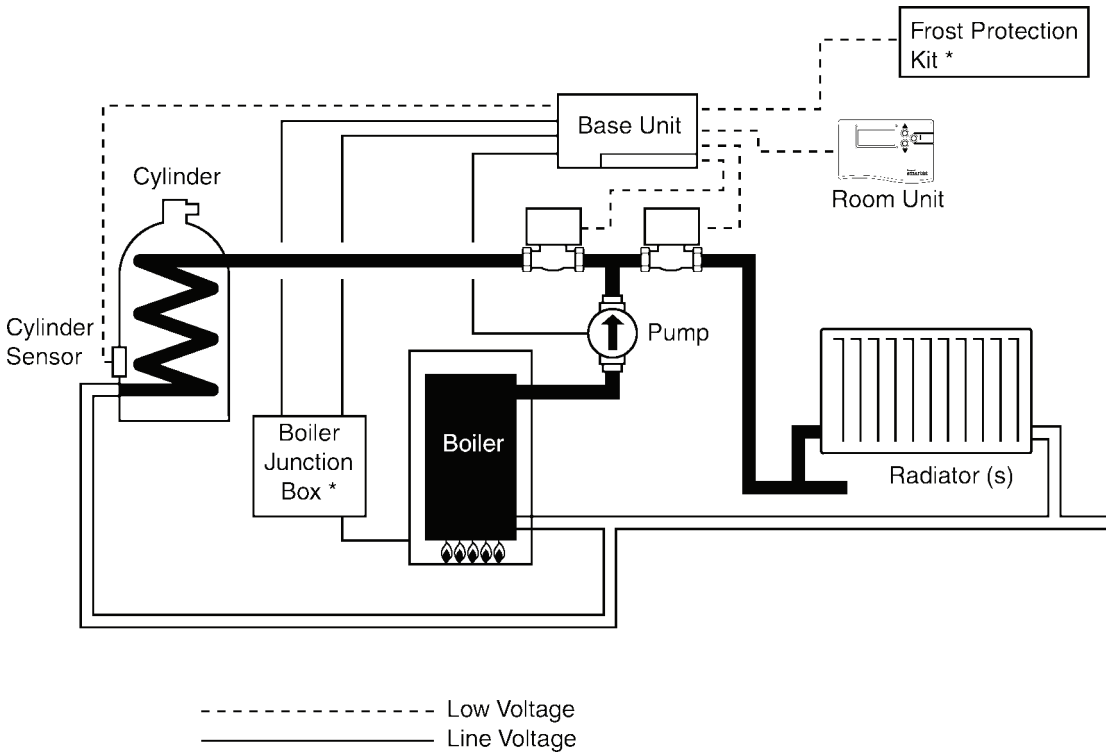
HONEYWELL SMARTFIT CONTROL SYSTEM



- The Smartfit package is a complete control system in a box for a single heating zone and domestic hot water system. It has pre-wired plugs between the wiring centre and the valves and hot water cylinder temperature sensor providing easy wiring. Package consists of.
- Combined heating programmable thermostat and hot water thermostat-timer unit.
- 2 x 3/4" 2-port valves with connecting cables
- Hot water cylinder temperature sensor with connecting cable
- Wiring centre

CODE	DESCRIPTION
HONSFIT	Honeywell Smartfit Controls

Smartfit System Layout

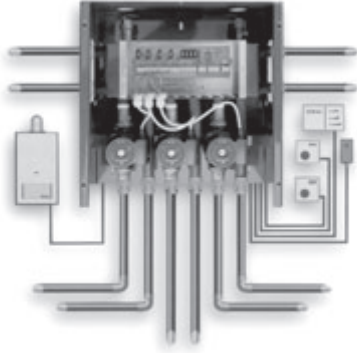


* Available Separately






SYSTEMLINK











SYSTEMLINK CONTROL



- For multi-zone systems, including radiators, underfloor, hot water, swimming pool
- Up to 4 zones and 2 heatsources
- Clearly labelled connections for easy wiring
- No zone valves required
- Independent time and temperature control for each zone
- Any 230v applied to 1 of 4 auxiliary inputs will switch a double pole relay
- Additional pumps, thermostats, timers or programmable stats needed

	CODE	DESCRIPTION
	SYSZ4	System Zone 4 <ul style="list-style-type: none"> • 4 Port Manifold • 25mm connections • Up to 3 zones and one boiler
	SYSZ5	System Zone 5 <ul style="list-style-type: none"> • 5 Port Manifold • 25mm connections • Up to 4 zones and one boiler or 3 zones and 2 boilers
	SYSZ6	System Zone 6 <ul style="list-style-type: none"> • 6 Port Manifold • 25mm connections • Five zones and one boiler or 4 zones and 2 boilers
	SYSMLX	Minilex <ul style="list-style-type: none"> • User friendly wiring centre controls • Controls one boiler & up to 3 zones • Lights to indicate zone on
	SYSLX	Systemlex wiring centre <ul style="list-style-type: none"> • User friendly wiring centre controls • Controls up to 4 zones and two boilers • Extra auxiliary output • Lights to indicate zone on

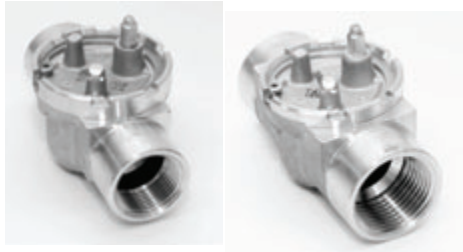
PUMPS

	CODE	DESCRIPTION		CODE	DESCRIPTION
	PEG657002	Pegler 6m Circulating Pump <ul style="list-style-type: none"> • 6m head • 130mm between flanges • 230V 		WILORS25-7	Wilo RS25/7 <ul style="list-style-type: none"> • 7m head • 130mm between flanges • 230V
	GFOS-PUMP2580	Grundfos UPS 25/8 PUMP <ul style="list-style-type: none"> • 8m head • 180mm between flanges 		WILO30-10	Wilo 30/10 <ul style="list-style-type: none"> • 50mm face • 1 1/4" • 180mm between flanges • 11m head
	GFOS-PUMP2560	Grundfos Alpha2 Pump <ul style="list-style-type: none"> • 6m head • 180mm between flanges • Energy efficient permanent magnet motor • Auto adapt function to save energy • Electricity use only 20% of conventional pump • Displays power use (W) 		GFOS-PUMP1514	Grundfos hot water circulating pump <ul style="list-style-type: none"> • Adjustable thermostat • 24 hour timer • 15mm
	PEG657030	Pump Unions 2 per bag		WILO3010U	1 1/4" Unions for Wilo 30-10
	FBPUIV	Bulldog - 1 per bag			

VALVES & ACTUATORS



HONEYWELL 2-PORT VALVE BODIES



- Brass valve body
- Order actuator HONFANVACT to go with this valve body. It is normal to use a 1" valve on the heating side and a 3/4" on the DHW when used in an 'S-plan' system.

CODE	DESCRIPTION
HON1VBODY	Honeywell 1" 2-port valve body
HON3-4VBODY	Honeywell 3/4" 2-port valve body

2-PORT ZONE VALVE ACTUATOR WITH 4 WIRES 230V



- Motorised valve opens and closes to control the flow through a single pipe. Normally closed.
- 230V AC.
- NOTE: This valve has 2 wires to supply power to the motor to open or close the valve and another 2 wires attached to a micro-switch that closes once the valve is fully open. The micro switch is used to supply a switched live to turn on a boiler but only when the valve is fully open.

CODE	DESCRIPTION
HONFANVACT	2-port zone valve actuator with 4 wires 230V

HONEYWELL MID POSITION VALVE



- Brass 3 way 1" BSP FT mid position valve that will control flow to 2 zones allowing both or a single zone to receive heat. 230V AC.
- Useful for systems where one open path is needed to dump heat. Supplied with actuator head. (Used with Y plan system layout.)

CODE	DESCRIPTION
HON13WMPV	Honeywell mid position valve 230V
















HONEYWELL DIVERTER VALVE



- Brass 3 way 1" BSP FT diverter valve that is normally open one way but will divert all the flow to the other path when activated.
- Used with hot water priority systems where the hot water path is normally open and the control system will divert to the heating side when heating is needed. (Used with W plan system layout.)

CODE	DESCRIPTION
HON13WDV	Honeywell diverter valve 230V

VALVES

	CODE	DESCRIPTION		CODE	DESCRIPTION
	VDIFFHYD	Hydrolux valve 20mm		VFILL	Auto Fill Valve (needs PRESSGAU) <ul style="list-style-type: none"> • Auto fill valve 20mm • Maintains pressure at preset level • Adjustable pressure • Aids system filling & commissioning • Requires pressure gauge
	VDIFFHYD1	Valve Differential By pass / Hydrolux 25mm (1") <ul style="list-style-type: none"> • Differential By pass • Used on radiator systems where all TRVs may close and other systems where an open path is essential to prevent boiler overheating 			
	VCOMBSET	Boiler Combination Set 25mm <ul style="list-style-type: none"> • Pressure gauge • Pressure relief • AAV 		PRESSGAU	Pressure Gauge <ul style="list-style-type: none"> • 50mm face • 3/8"
	VRELUFMIX	Valve Reliance Underfloor Mixing		VPRESRELF	Valve Pressure Relief <ul style="list-style-type: none"> • 1/2" BSP • 3 Bar
	V3WTHMHD	Thermostatic head and probe <ul style="list-style-type: none"> • 25mm • Capillary probe 		VAAV	Valve Air Emittance (AAV) <ul style="list-style-type: none"> • 15mm
	V2WZ1	2 port zone valve <ul style="list-style-type: none"> • Valve for mechanical actuator • Uses capillary thermostatic head & probe • Normally used with thermostatic head V3WTHMHD 		VB1MF	Ball valve <ul style="list-style-type: none"> • 25mm FT one end, MT the other
				VB114MF	Ball valve <ul style="list-style-type: none"> • 32mm FT one end, MT the other
				VB112MF	Ball valve <ul style="list-style-type: none"> • 40mm FT one end, MT the other
	V3WBYPAS1	3 Port diverting valve 1" <ul style="list-style-type: none"> • Normally used with thermostatic head V3WTHMHD • Diverts flow one way or the other 		VALNONR	Non return valve <ul style="list-style-type: none"> • 25mm
				DRAINTAP15	Drain fill tap 15mm

EXPANSION VESSELS

ZILMET EXPANSION VESSELS



CODE	DESCRIPTION
EV6L	Expansion Vessel 6L disc
EV8L	Expansion Vessel Pot 8L
EV12L	Expansion Vessel Pot 12L
EV18L	Expansion Vessel Pot 18L
EV24L	Expansion Vessel Pot 24L
EV25L	Expansion Vessel Pot 25L
EV50L	Expansion Vessel Pot 50 Ltr
EV100L	Expansion Vessel Pot 100 Ltr
EV200L	Expansion Vessel Pot 200 Ltr
EVB	Expansion Vessel Bracket for Pot type >50L

ZILMET HEAT EXCHANGERS



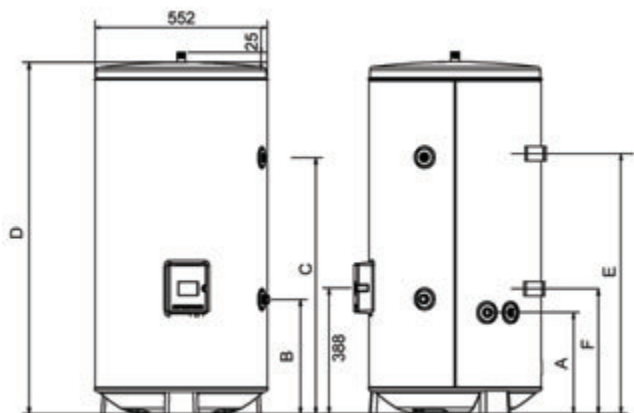
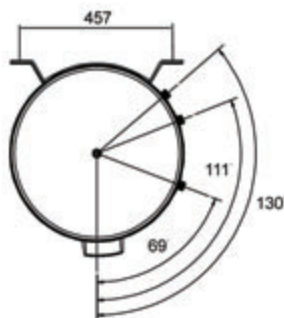
CODE	DESCRIPTION
HEX	Heat Exchanger 30 kW stainless steel 9-plate
HEXZCB	Heat Exchanger Spare Carrying Bar
HEXZP	Heat Exchanger Spare Plate With Gasket
HEXZTR	Heat Exchanger Spare Tie Rod

Contact us for further details on swimming pool heat exchangers for boilers and heatpumps

BAXI HOT WATER CYLINDERS



Single coil version



- Cylinders specifically designed for pumped boiler systems such as gas, diesel, wood pellet, and coal or log fired boilers
- Can also be used in low temp heat pump applications
- 300L Twin coil version suitable for connection to solar system
- Duplex stainless steel offers superior resistance to corrosion, especially in aggressive water areas without the need of a sacrificial anode
- 50mm insulation
- Titanium back-up electric element
- Built in control stat for boiler or heat pump
- Supplied with TPR

CODE	DESCRIPTION
BXHWC200	200L cylinder - single coil
BXHWC300	300L cylinder - single coil
BXHWC300TWC	300L cylinder - twin coil, includes element

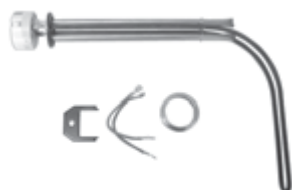


Twin coil version



CODE	DESCRIPTION	SIZE (L)	WEIGHT (kg)		DIMENSIONS (mm)					
			EMPTY	FULL	A	B	C	D	E	F
BXHWC200	Single Coil	200	30	238	314	354	1094	1474	1088	382
BXHWC300	Single Coil	300	60	360	314	354	1480	2040	n/a	n/a
BXHWC300TWC	Twin Coil	300	60	360	314	354	1480	2040	n/a	n/a

ELECTRIC ELEMENT FOR BAXI CYLINDERS



- For optional backup
- Includes internal thermostat

CODE	DESCRIPTION
BXHWCEE	Electric element for Baxi cylinders

FIORINI HOT WATER CYLINDERS

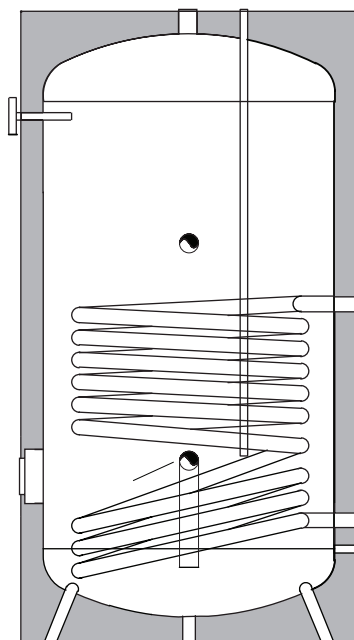


- Stainless steel cylinder
- 100mm thick insulation
- Max working pressure 6 bar
- Max working temperature 95C

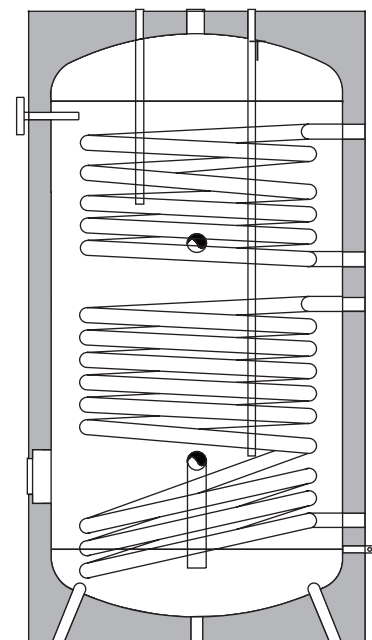
CODE	DESCRIPTION
TS500WXBE1	500L DHW Single coil stainless steel cylinder
INDENT	W2XBE DHW Twin coil stainless steel cylinder

SIZE (Litres)	Models Available	
	WXBE1	WXBE2
200	✓ indent	✓ indent
300	✓ indent	✓ indent
500	TS500WXBE1	✓ indent
800	✓ indent	✓ indent
1000	✓ indent	✓ indent
1500	✓ indent	✓ indent

W1XBE



W2XBE

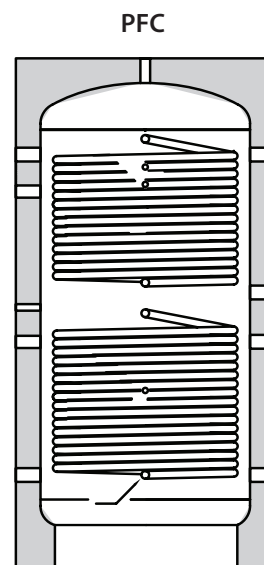
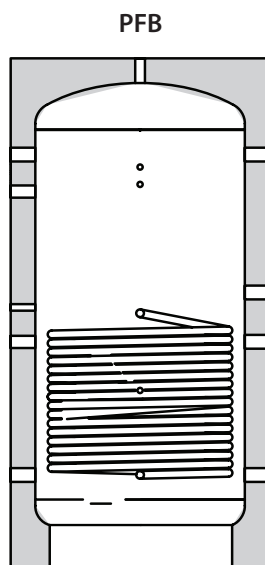
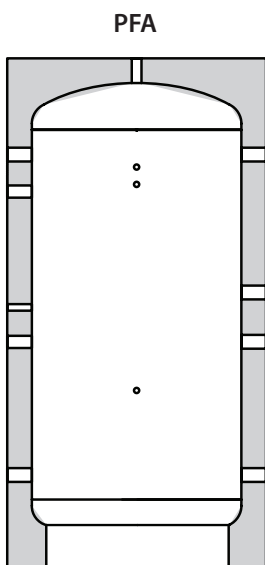
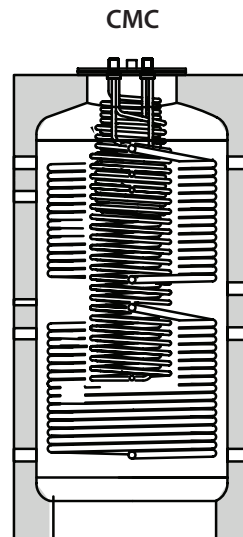
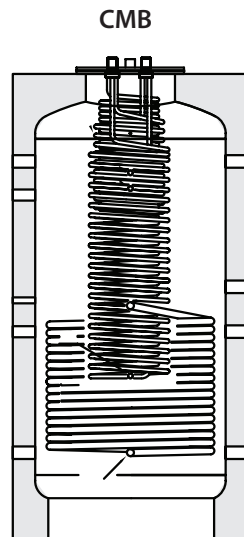
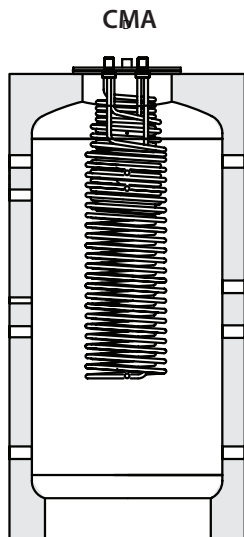


FIORINI THERMAL STORAGE CYLINDERS



- Steel Construction
- 100mm thick insulation
- Suitable for use with boiler and heat pump systems
- 95C maximum temperature
- Max pressure 5 Bar tank, 9 bar coils
- available in a range of sizes from stock and on indent

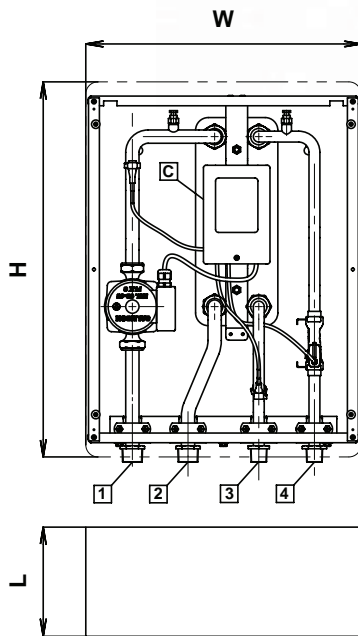
Size (Litres)	Models Available / Product Code					
	PFA	PFB	PFC	CMA	CMB	CMC
100	TS100PFA	✗	✗	✗	✗	✗
200	TS200PFA	✗	✗	✗	✗	✗
300	✓ indent	✓ indent	✓ indent	✓ indent	✓ indent	✓ indent
500	✓ indent	✓ indent	✓ indent	✓ indent	✓ indent	✓ indent
750	✓ indent	✓ indent	✓ indent	✓ indent	✓ indent	✓ indent
1000	✓ indent	TS1000PFB	✓ indent	✓ indent	TS1000CMB	✓ indent
1500	✓ indent	✓ indent	✓ indent	✓ indent	TS1500CMB	✓ indent
2000	✓ indent	✓ indent	✓ indent	✓ indent	✓ indent	✓ indent



FIORINI SET ON-DEMAND DHW PRODUCTION UNIT



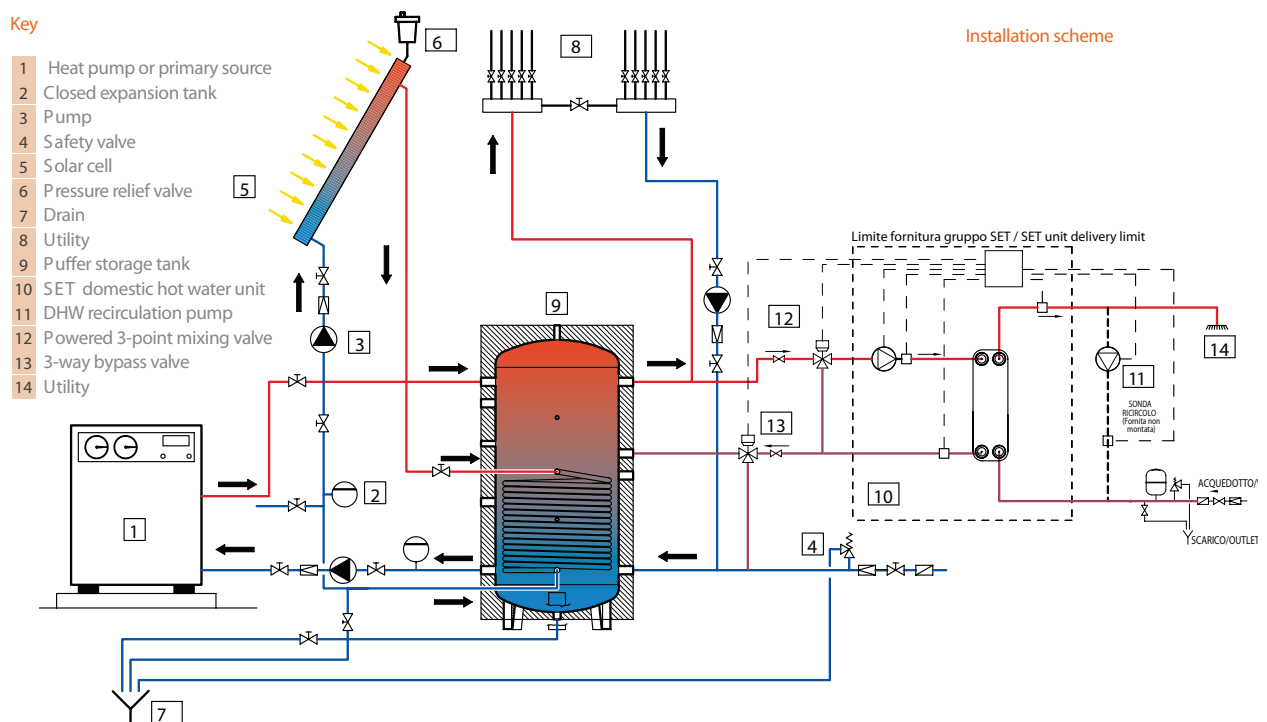
- High-efficiency, on-demand DHW production unit recommended for use with heat pumps and/or thermal solar systems.
- Compact unit complete with electronic control, modulating pump on primary circuit, AISI 316 stainless steel plate exchanger
- ON-demand DHW production prevents bacterial formation (anti-legionella function)
- Nominal DHW production: from 25 to 120 l/min
- 10 times the efficiency of a coil in a cylinder
- For connection to a thermal store tank
- Larger sizes available on request - call for further details



CODE	DESCRIPTION
INDENT	SET 25
DHWSET40	SET 40

	MODEL	
	SET 25	SET 40
DHW production at 10-45°C with primary circuit at 50-55-65°C (l/min)	18-25-40	30-40-60
Primary circuit flow rate (l/h)	2500	2800
Max DHW flow rate (l/min)	40	100
Min flow rate at start-up (l/min)	2	5
Ring main control function	Yes	Yes
Height of unit (mm)	620	620
Width of unit (mm)	455	455
Length of unit (mm)	280	280

SYSTEM EXAMPLE



MULTITUBO COMPOSITE PIPE



- Multi-layer composite pipe suitable for hot and cold water supply, radiant heating supply and in-floor heating elements.
- Pipe sizes ranging from 16 mm to 75 mm.
- BRANZ Appraised for use as the piping components for water supply as per the scope of New Zealand Building Code (NZBC) Acceptable Solution G12/AS1, and Verification Method G12/VM1 and as pipe for proprietary heating systems subject to specific design.
- To find out more, visit BRANZ.co.nz and view appraisal 740.



CODE	DESCRIPTION	QUANTITY PER ORDER
MT16	16mm x 2mm	250m coil
MT20	20mm x 2.25mm	100m coil
MT25	25mm x 2.5mm	50m coil
MT32	32mm x 3mm	50m coil
MT40	40mm x 4mm	5m lengths
MT50	50mm x 4.5mm	5m lengths

MULTITUBO COMPOSITE PIPE - PREINSULATED



CODE	DESCRIPTION	QUANTITY PER ORDER
MT16IN13	16mm with 13mm insulation	50m coil
MT20IN13	20mm with 13mm insulation	50m coil
MT25IN13	25mm with 13mm insulation	50m coil

MULTITUBO PE-RT PIPE



- New generation polyethylene pipe with raised temperature resistance
- Manufactured in Germany with state-of-the-art machinery
- Strong yet highly flexible
- Ideal for hydronic underfloor heating • Product life in excess of 50 years
- Maximum operating temperature of 70°C

CODE	DESCRIPTION	QUANTITY PER ORDER
MT16PERT	MT PE-RT Pipe 16mm 300m Coil	300m coil

MULTITUBO PIPE FITTINGS



JOINERS



CODE	DESCRIPTION	QUANTITY PER BAG
MT1616J	MT 16 X 16 Joiner	10 per bag
MT2020J	MT 20 X 20 Joiner	10 per bag
MT2525J	MT 25 X 25 Joiner	10 per bag
MT3232J	MT 32 X 32 Joiner	10 per bag
MT4040J	MT 40 X 40 Joiner	1 per bag
MT5050J	MT 50 X 50 Joiner	1 per bag

REDUCERS



CODE	DESCRIPTION	QUANTITY PER BAG
MT2016	MT 20 X 16 Reducer	10 per bag
MT2516	MT 25 X 16 reducer	10 per bag
MT2520	MT 25 X 20 Reducer	10 per bag
MT3225	MT 32 X 25 Reducer	10 per bag
MT4032	MT 40 X 32 Reducer	1 per bag
MT5032	MT 50 X 32 Reducer	1 per bag

MALE UNIONS



CODE	DESCRIPTION	QUANTITY PER BAG
MT1612MT	MT 16 x 1/2" MT	10 per bag
MT2034MT	MT 20 X 3/4" MT	10 per bag
MT2534MT	MT 25 X 3/4" MT	10 per bag
MT251MT	MT 25 X 1" MT	10 per bag
MT321MT	MT 32 X 1" MT	10 per bag
MT40114MT	MT 40 X 1 1/4" MT	1 per bag
MT50112MT	MT 50 X 1 1/2" MT	1 per bag

FEMALE UNIONS



CODE	DESCRIPTION	QUANTITY PER BAG
MT1612FT	MT 16 x 1/2" FT	10 per bag
MT2034FT	MT 20 X 3/4" FT	10 per bag
MT2534FT	MT 25 X 3/4" FT	10 per bag
MT251FT	MT 25 X 1" FT	10 per bag
MT321FT	MT 32 X 1" FT	10 per bag

SWIVEL UNIONS



CODE	DESCRIPTION	QUANTITY PER BAG
MT1612FTSV	MT 16 X 1/2" FT Swivel	10 per bag
MT2034FTSV	MT 20 X 3/4" FT Swivel	10 per bag
MT251FTSV	MT 25 X 1" FT Swivel	10 per bag

ELBOWS



CODE	DESCRIPTION	QUANTITY PER BAG
MT1616E	MT 16 X 16 Elbow	10 per bag
MT2020E	MT 20 X 20 Elbow	10 per bag
MT2525E	MT 25 X 25 Elbow	10 per bag
MT3232E	MT 32 X 32 Elbow	10 per bag
MT4040E	MT 40 X 40 Elbow	10 per bag
MT5050E	MT 50 X 50 Elbow	10 per bag

MT ELBOWS



CODE	DESCRIPTION	QUANTITY PER BAG
MT1612MTE	MT 16 x 1/2" MT Elbow	10 per bag
MT2034MTE	MT 20 x 3/4" MT Elbow	10 per bag
MT2534MTE	MT 25 x 3/4" MT Elbow	10 per bag
MT321MTE	MT 32 X 1" MT Elbow	10 per bag

TEES



CODE	DESCRIPTION	QUANTITY PER ORDER
MT161616	MT 16 X 16 X 16 Tee	10 per bag
MT202020	MT 20 X 20 X 20 Tee	10 per bag
MT252525	MT 25 X 25 X 25 Tee	10 per bag
MT323232	MT 32 X 32 X 32 Tee	10 per bag
MT162016	MT 16 X 20 X 16 Tee	4 per bag
MT201616	MT 20 X 16 X 16 Tee	4 per bag
MT201620	MT 20 X 16 X 20 Tee	4 per bag
MT202016	MT 20 X 20 X 16 Tee	4 per bag
MT251625	MT 25 X 16 X 25 Tee	4 per bag
MT252020	MT 25 X 20 X 20 Tee	4 per bag
MT252025	MT 25 X 20 X 25 Tee	4 per bag
MT322032	MT 32 X 20 X 32 Tee	4 per bag
MT322525	MT 32 X 25 X 25 Tee	4 per bag
MT322532	MT 32 X 25 X 32 Tee	4 per bag
MT402540	MT 40 X 25 X 40 Tee	1 per bag
MT403240	MT 40 X 32 X 40 Tee	1 per bag
MT404040	MT 40 X 40 X 40 Tee	1 per bag
MT503250	MT 50 X 32 X 50 Tee	1 per bag
MT505050	MT 50 X 50 X 50 Tee	1 per bag

WINGBACKS



CODE	DESCRIPTION	QUANTITY PER BAG
MT1612WB	MT 16 x 1/2" Wingback	10 per bag
MT2012WB	MT 20 x 1/2" Wing Back	10 per bag
MT2034WB	MT 20 x 3/4" Wing Back	10 per bag

DISTRIBUTOR FITTINGS



CODE	DESCRIPTION	QUANTITY PER BAG
MT2520161616D	MT 25 x 20 x 16 x 16 x 16 Distributor	10 per bag
MT25201616D	MT 25 x 20 x 16 x 16 Distributor	10 per bag

RADIATOR RISER ELBOW



CODE	DESCRIPTION	QUANTITY PER BAG
MT16E15350	MT 16mm x 15mm Cu x 350mm	10 per bag

CONNECTORS



CODE	DESCRIPTION	QUANTITY PER BAG
CONNUN3200	16x 1/2 Pipe Connector	1 per bag
CONMT1634	16 x 3/4 Pipe Connector	2 per bag
CONMT2034	20 x 3/4 Pipe Connector	2 per bag
CON437515	15 x 3/4 Copper Connector	2 per bag
CCU5042	Composite To Copper U25x22CU	10 per bag
CCU904042	Composite To Copper U25x22CU	1 per bag
CONMTPERT	PE-RT Manifold Connectors 16mm	1 per bag
CONMTPERTDN	PE-RT Double Nipple/Joiner 16mm	1 per bag

REUSABLE TEST PLUGS





CODE	DESCRIPTION	QUANTITY PER BAG
MTTP16	Leakage Test Plug with air vent 16mm	1 per bag
MTTP20	Leakage Test Plug with air vent 20mm	1 per bag
MTTP25	Leakage Test Plug with air vent 25mm	1 per bag
MTTP16JG	Reusable stop end - 16mm	1 per bag



DHW MANIFOLDS







CODE	DESCRIPTION	QUANTITY PER ORDER
MTM2W	MT Manifold for tap water 2-way	1 per bag
MTM3W	MT Manifold for tap water 3-way	1 per bag



PIPE ACCESSORIES & TOOLS

	CODE	DESCRIPTION		CODE	DESCRIPTION
	MTT3WR	Tool - 3 Way Reamer		MTT1632H	Tool - Handle For Bevelling 16-32
	MTT50B	Tool - 50mm Reamer		MTT25B	Tool - 25mm Bevelling Insert
	MTT40B	Tool - 40mm Reamer		MTT32B	Tool - 32mm Bevelling Insert

	CODE	DESCRIPTION		CODE	DESCRIPTION
	MTBS16	MT Inside Bending Spring 16mm		MTOBS16	MT Outside Bending Spring 16mm
	MTBS20	MT Inside Bending Spring 20mm		MTOBS20	MT Outside Bending Spring 20mm
	MTBS25	MT Inside Bending Spring 25mm		MTOBS25	MT Outside Bending Spring 25mm
MTBS32	MT Inside Bending Spring 32mm				

	CODE	DESCRIPTION		CODE	DESCRIPTION
	KLCRMPT	Klauke Manual Pressing Tool Kit • 16-32mm jaw inserts included		KLCRTOOL	Klauke Mini MAP1 Pressing tool Kit, includes • Case • Battery • Charger • 4 Pressing Jaws 16, 20, 25, 32mm
	KLCRTOOLB	Klauke Mini Tool battery			

	CODE	DESCRIPTION		CODE	DESCRIPTION
	KLCRTOOLUP16	Klauke Mini MAP1 16mm U Profile Pressing Jaw		KLCRTOOLJP16	Klauke Mini MAP1 16mm Pexal Jaw
	KLCRTOOLUP20	Klauke Mini MAP1 20mm U Profile Pressing Jaw		KLCRTOOLJP20	Klauke Mini MAP1 20mm Pexal Jaw
	KLCRTOOLUP25	Klauke Mini MAP1 25mm U Profile pressing Jaw		KLCRTOOLJP26	Klauke Mini MAP1 26mm Pexal Jaw
KLCRTOOLUP32	Klauke Mini MAP1 32mm U Profile Pressing Jaw				

	CODE	DESCRIPTION		CODE	DESCRIPTION
	MTTPD	4 arm pipe decoiler		MTTSR	Pipe straightening roller

GEOHERMAL PIPE & FITTINGS



- High density polyethylene PE100 SDR11 - Specifically for geothermal heating ground loops via fusion welding
- Please consult us for design of horizontal & vertical ground loops, including reverse return manifolding
- Most ground loops can be designed using the pipe sizes below. Other sizes are available on request

CODE	DESCRIPTION
GTU25	25mm Geothermal Pipe 200mtr coils
GTU25SKT	25mm Equal Socket
GTU25T	25 x 25 x 25 Equal Tee
GTU40	40mm Geothermal Pipe 50mtr coils
GTU4032MT	40mm - 32mm MT (Brass Male Transition Spiggot)
GTU40E	40mm Equal Elbow
GTU40EC	40mm End Cap
GTU40RSKT	40mm Reducing Socket (40mm-25mm)
GTU40RT	40 x 25 x 40 Reducing Tee
GTU40S	40mm Geothermal Pipe Straight (6mtr length)
GTU40SKT	40mm Equal Socket
GTU40T	40 x 40 x 40 Equal Tee
GTU63	63mm Geothermal Pipe 100mtr coils
GTU63E	63mm Equal Elbow
GTU63EC	63mm End Cap
GTU63S	63mm Geothermal Pipe Straight (6mtr length)
GTU63SKT	63mm Equal Socket
GTU63SMBA	63mm Equal Socket - 2" Male Brass Adaptor
GTUBA-1	3/4" Moulded U Bend Assembly

