


Ferro Systems offers a wide range of products to carry out underfloor heating installations.

Ferro Systems' technical assistance department provides constant support, in collaboration with its distributors, both to project designers and to installers, from the project stage up until its execution, carrying out the necessary calculations and visiting the building site.

## Underfloor Heating Range

### DISTRIBUTORS

#### PRE-ASSEMBLED BRASS DISTRIBUTOR

BRASS DISTRIBUTION MANIFOLD	CODE	DIMENSION
	335001	1"-3/4" EUROCONE 2 CONNECTIONS
	335002	1"-3/4" EUROCONE 3 CONNECTIONS
	335003	1"-3/4" EUROCONE 4 CONNECTIONS
	335004	1"-3/4" EUROCONE 5 CONNECTIONS
	335005	1"-3/4" EUROCONE 6 CONNECTIONS
	335006	1"-3/4" EUROCONE 7 CONNECTIONS
	335007	1"-3/4" EUROCONE 8 CONNECTIONS
	335008	1"-3/4" EUROCONE 9 CONNECTIONS
	335009	1"-3/4" EUROCONE 10 CONNECTIONS

#### MODULAR PLASTIC DISTRIBUTOR


INLET MODULE	CODE	DIMENSION	BRACKET	CODE	DIMENSION	
	335051	1"		335053	1"	
MODULE WITH THERMOSTATIC MECHANISM	CODE	DIMENSION		MANUAL HANDLE	CODE	DIMENSION
	335055	1"-3/4" EUROCONE 1 CONNECTION			335054	-
LOCK SHIELD MODULE WITH FLOW METER	CODE	DIMENSION				
	335056	1"-3/4" EUROCONE 1 CONNECTION				

#### ADAPTOR FOR DISTRIBUTORS


ADAPTOR	CODE	DIMENSION
	314486	16 (1.8) PE-X
	314487	20 (1.9) PE-X
	334175	16 (2.0) MULTILAYER
	334176	20 (2.0) MULTILAYER



## PIPES

FERROPLAST PE-Xb EVOH			
PE-Xb OXYGEN DIFFUSION BARRIER EVOH PIPE UNE EN ISO 15875-2 STANDARD AENOR CERTIFICATE WHITE	CODE	DIMENSION	M/COIL
	232002	16 (1.8)	120
	232003	16 (1.8)	200
	232014	16 (1.8)	400
	232009	16 (1.8)	500
	232004	20 (1.9)	120
	232005	20 (1.9)	200

For other lengths please contact us.

FERROPLAST PERT/AL/PERT			
PERT/AL/PERT MULTILAYER PIPE UNE EN ISO 21003 STANDARD AENOR CERTIFICATE WHITE	CODE	DIMENSION	M/COIL-BAR
	235001	16 (2.0)	100
	235005	20 (2.0)	100

For other lengths please contact us.

## INSULATION PANELS

LAMINATED INSULATION PANEL WITH STUDS (CASTELLATED SURFACE)		
LAMINATED PANEL WITH STUDS (CASTELLATED SURFACE) p. 7,5 cm e. 20-40 mm d. 25-30 kg/m <sup>3</sup>	CODE	DIMENSION
	335064	1.350 x 750 MM




SMOOTH INSULATION PANEL		
SMOOTH PANEL WITH ALUMINIUM FOIL e. 30 mm d. 35 kg/m <sup>3</sup>	CODE	DIMENSION
	335065	1.200x1.200 MM

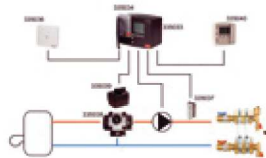
CLIP RAIL FOR SMOOTH PANEL		
	CODE	DIMENSION
	335067	16
	335069	20

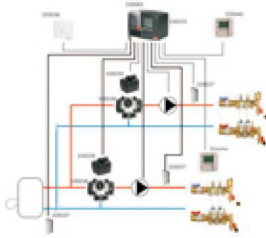
## ACCESSORIES

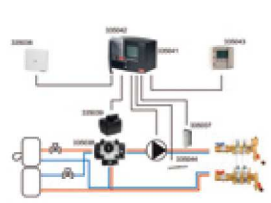
DISTRIBUTOR BOX		CODE	DIMENSION
	335010	450 x 400 x 110 MM MAX.	3 CONNECTIONS
	335011	450 x 600 x 110 MM MAX.	7 CONNECTIONS
	335012	450 x 800 x 110 MM MAX.	10 CONNECTIONS
MANIFOLD JOINING ELBOW		CODE	DIMENSION
	335052	1"	
PERIMETER BAND h. 15 cm e. 7 mm		CODE	DIMENSION
	335015	50 M	
VAPOUR BARRIER SHEET e. 0,15 mm		CODE	DIMENSION
	335017	1.5 x 100 M	
MORTAR ADDITIVE		CODE	DIMENSION
	335016	30 L	
BEND GUIDE		CODE	DIMENSION
	335018	16	
	335019	20	





## REGULATION AND CONTROL


ZONE REGULATION SYSTEM		
ELECTROTHERMAL ACTUATOR	CODE	CHARACTERISTICS
	335020	Power 220 V
ZONE VALVE	CODE	CHARACTERISTICS
	335026	1" Max. pressure 10 bar
ZONE VALVE ACTUATOR	CODE	CHARACTERISTICS
	335027	Power 220/240 V.C.A. Max. Consumption 6 W Opening time <35 sec. Closing time <20 sec.

HEATING REGULATION SYSTEM		
HEATING REGULATION SYSTEM	CODE	DESCRIPTION
	335033	Digital mix regulator
	335034	P-30 card
	335035	Assembly base
	335036	Outdoor temperature probe
	335037	Flow temperature probe
	335038	3 port 1" regulation valve
	335039	3 port regulation valve actuator
	335040	Heating control panel

HEATING REGULATION SYSTEM TWO INDEPENDENT ZONES		
HEATING REGULATION SYSTEM TWO INDEPENDENT ZONES	CODE	DESCRIPTION
	335033	Digital mix regulator
	335063	C-60 card
	335035	Assembly base
	335036	Exterior temperature probe
	335037	Flow temperature probe
	335038	3 port 1" regulation valve
	335039	3 port regulation valve actuator
	335040	Heating control panel

HEATING-COOLING REGULATION SYSTEM		
HEATING AND COOLING REGULATION SYSTEM	CODE	DESCRIPTION
	335041	Digital mix heating-cooling regulator
	335042	L-32 card
	335035	Assembly base
	335036	Exterior temperature probe
	335037	Flow temperature probe
	335038	3 port 1" regulation valve
	335039	3 port regulation valve actuator
	335043	Heating/cooling control panel
	335044	Floor sensor

THERMOSTATS		
ELECTROMECHANICAL AMBIENT THERMOSTAT	CODE	CHARACTERISTICS
	335021	Temperature range 8-30 °C Power: 220 V
DIGITAL AMBIENT THERMOSTAT	CODE	CHARACTERISTICS
	335022	Selection: ON/OFF Temperature and control state display
CHRONOTHERMOSTAT	CODE	CHARACTERISTICS
	335023	Programming 5/2 days Up to 6 daily time and temperature changes 2-wire connection
RADIOFREQUENCY DIGITAL THERMOSTAT	CODE	DESCRIPTION
	335059	Radiofrequency thermostat 220 VCA range 5-30°C
	335060	1 channel radiofrequency receiver
	335061	2 channel radiofrequency receiver
	335062	3 channel radiofrequency receiver

OTHER ACCESSORIES		
FIXED POINT 1" PRE-ASSEMBLED KIT	CODE	DESCRIPTION
	335049	Low temperature
	335050	Low and high temperature
DIFFERENTIAL PRESSURE VALVE	CODE	DIMENSION
	335057	1" PN10
	335058	1-1/4" PN10
3 PORT MIXING VALVE	CODE	DIMENSION
	335028	1" PN6
	335029	1-1/4" PN6
1" MIXING VALVE ACTUATOR WITH CAPILLARY PIPE	CODE	DIMENSION
	335030	1" Range 25-65 °C
THERMOHYDRAULIC MIXING VALVE ACTUATOR	CODE	DIMENSION
	335031	1" 1-1/4"
LIMITER THERMOSTAT	CODE	DIMENSION
	335032	1" 1-1/4" Range 30-90 °C