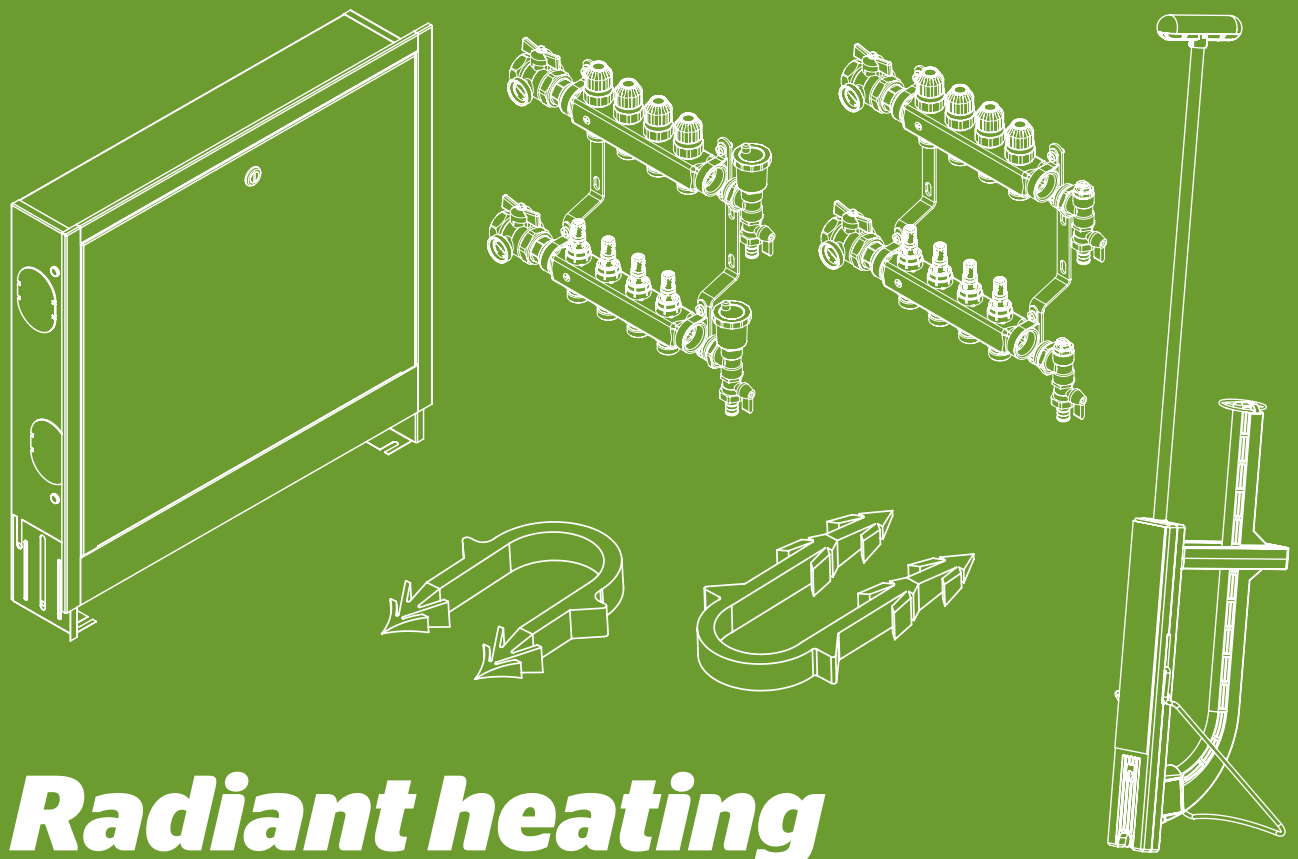
ECOline



Radiant heating

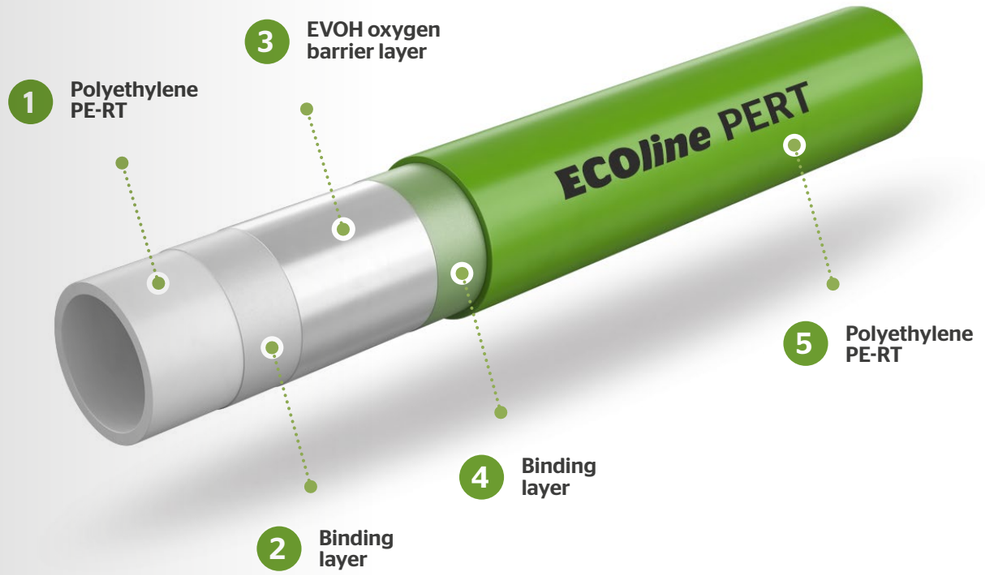
Quality and reliability

Pipe ECOline PERT

ECOline PERT are high quality pipes intended for radiant heating and cooling systems.

- pipes are made of 5-layer design,
- applied EVOH oxygen barrier guarantees oxygen permeability and protection against corrosion for the metal fixtures in the installation,
- effortless to install thanks to high flexibility,
- available in 2 packaging options.

Code		Name	Length
Stretch foil	*Box*		
1806198000	1806198010	Pipe ECOline PERT - ½" coil	100 ft
1806198001	1806198008		300 ft
1806198002	1806198011		500 ft
1806198003	1806198012		1000 ft
1806198004	1806198013	Pipe ECOline PERT - ¾" coil	100 ft
1806198005	1806198009		300 ft
1806198006	1806198014		500 ft
1806198007	1806198015		1000 ft



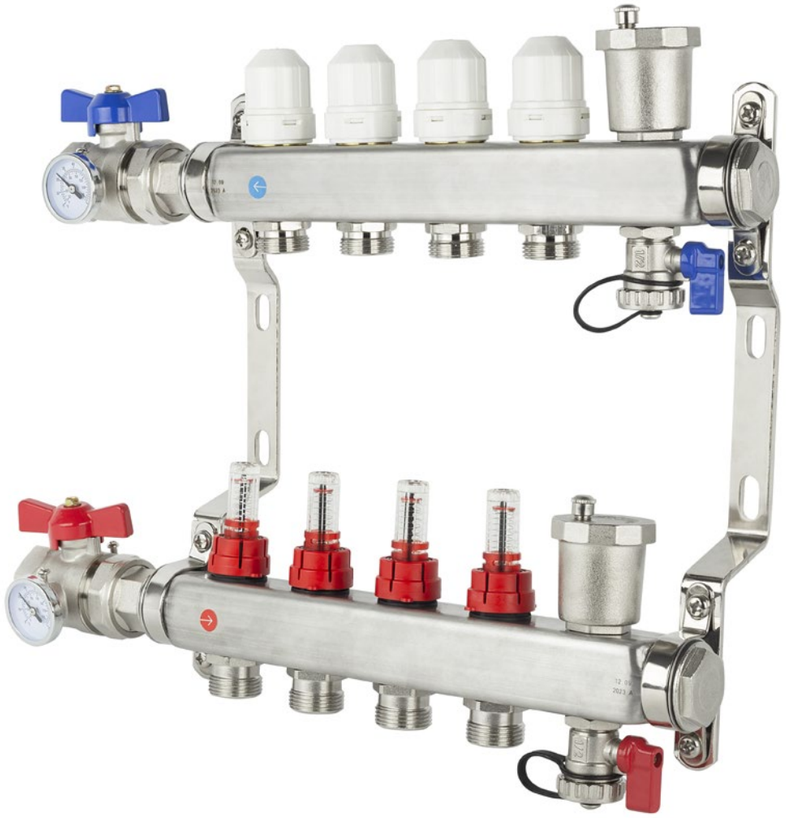
Tubes are not intended to use for potable water!

	imperial units	SI units
Maximum continuous operating parameters	160 psi at 73 °F 100 psi at 180 °F	11 bar at 23 °C 6.9 bar at 82 °C

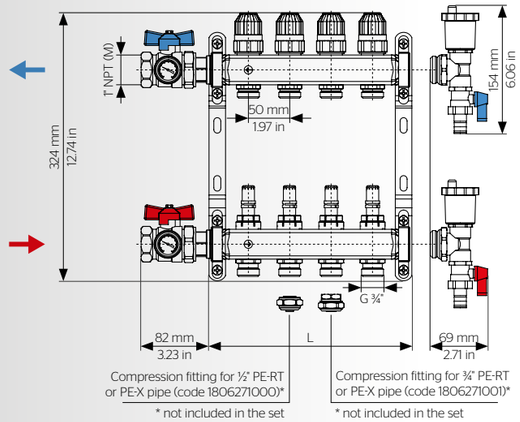
ECOline Inox manifolds

ECOline Inox stainless steel manifolds are intended to distribute hydronic water to individual pipe loops of the radiant heating or cooling system.

- 1 ¼" collector beam made of AISI 304 stainless steel,
- ¾" female thread outlets for individual pipe loops,
- operates with dedicated compression fittings,
- outlets for pipe loops with 1.97 in (50 mm) spacing,
- thermostatic valves for servomotors on upper beam,
- operates with M30x1.5 electric servomotors,
- lower beam with 0 - 1.3 gpm (0 - 5 l/min) adjustable flowmeters which can operate with glycol installations,
- 1" NPT manifolds headers,
- shut-off valves with thermometers,
- drain-vent valves with automatic vents built-in beams (RFST-A) or mounted to the beams (RFSA-A),
- drain-vent valves with manual vents built-in beams (RFST-M) or mounted to the beams (RFSA-M),
- brackets with openings for in-cabinet assembly,
- special system of noise damping rubbers in the manifolds clamps,
- P_{max} = 87 psi (6 bar), T_{max} = 158 °F (70 °C),
- H_2O = 100%, Glycol - max 50%.

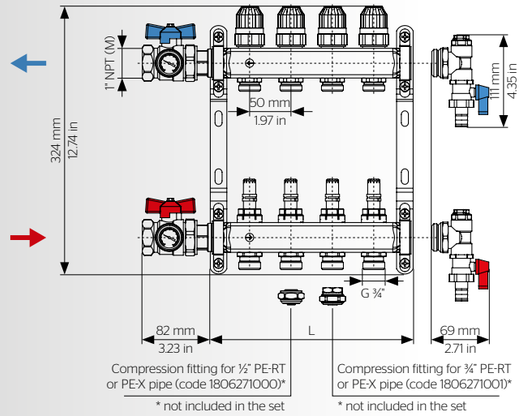


RFSA-A series



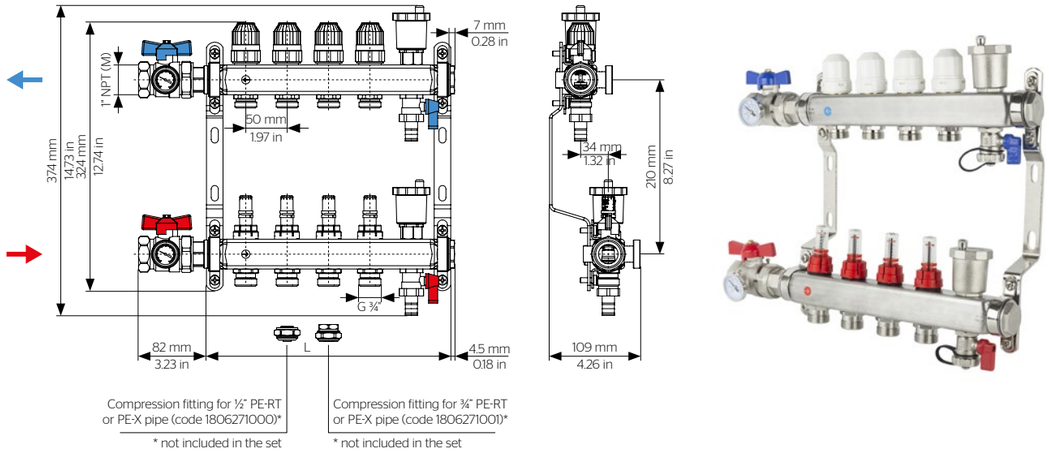
No	2	3	4	5	6	7	8	9	10	11	12
RFSA-A	1306157066	1306157067	1306157068	1306157069	1306157070	1306157071	1306157072	1306157073	1306157074	1306157075	1306157076
L [mm]	140	190	240	290	340	390	440	490	540	590	640
L [in.]	5.51	7.48	9.45	11.42	13.39	15.35	17.32	19.29	21.26	23.23	25.2
m [g]	3850	4243	4636	5029	5423	5816	6209	6602	6995	7389	7782
m [lbs]	8.49	9.35	10.22	11.09	11.96	12.82	13.69	14.55	15.42	16.29	17.16

RFSA-M series



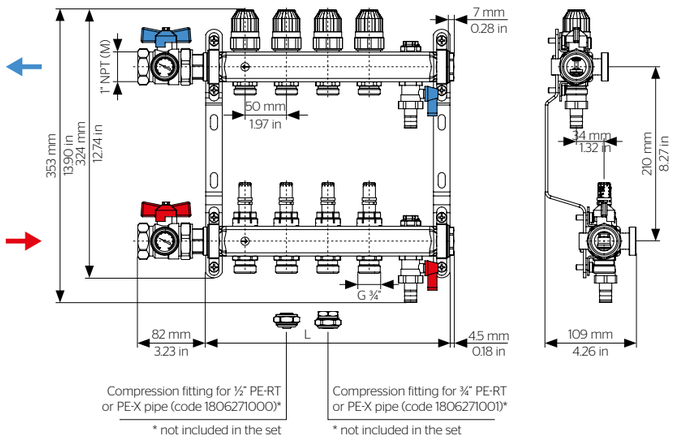
No	2	3	4	5	6	7	8	9	10	11	12
RFSA-M	1306157077	1306157078	1306157079	1306157080	1306157081	1306157082	1306157083	1306157084	1306157085	1306157086	1306157087
L [mm]	140	190	240	290	340	390	440	490	540	590	640
L [in.]	5.51	7.48	9.45	11.42	13.39	15.35	17.32	19.29	21.26	23.23	25.2
m [g]	3072	3465	3858	4251	4645	5038	5431	5824	6217	6611	7004
m [lbs]	6.77	7.64	8.51	9.37	10.24	11.11	11.97	12.84	13.71	14.57	15.44

RFST-A series



No	2	3	4	5	6	7	8	9	10	11	12
RFST-A	1306157088	1306157089	1306157090	1306157091	1306157092	1306157093	1306157094	1306157095	1306157096	1306157097	1306157098
L [mm]	190	240	290	340	390	440	490	540	590	640	690
L [in.]	7.48	9.45	11.42	13.39	15.35	17.32	19.29	21.26	23.23	25.2	27.17
m [g]	3863	4256	4649	5043	5436	5829	6222	6615	7009	7402	7795
m [lbs]	8.52	9.38	10.25	11.12	11.98	12.85	13.72	14.58	15.45	16.32	17.19

RFST-M series



No	2	3	4	5	6	7	8	9	10	11	12
RFST-M	1306157099	1306157100	1306157101	1306157102	1306157103	1306157104	1306157105	1306157106	1306157107	1306157108	1306157109
L [mm]	190	240	290	340	390	440	490	540	590	640	690
L [in]	7.48	9.45	11.42	13.39	15.35	17.32	19.29	21.26	23.23	25.2	27.17
m [g]	2999	3392	3786	4179	4572	4965	5358	5752	6145	6538	6931
m [lbs]	6.61	7.48	8.35	9.21	10.08	10.95	11.81	12.68	13.55	14.41	15.28

Compression fitting for PE-RT or PE-X pipe

Code	Use	Packaging
1806271000	pipe Ø ½"	150 pcs

Compression fitting for PE-RT or PE-X pipe

Code	Use	Packaging
1806271001	pipe Ø ¾"	150 pcs

MARKING OF MANIFOLD SERIES

R **F** **S** **T** – **A**

R	F or S	T or A	A or M
Radiant heating	**F**lowmeters	**T**op air-vent on top of the beam	**A**utomatic
manifolds for radiant heating	**S**ervomotor valves	**A**xis air-vent in the axis of the beam	**M**anual
	equipment of top or bottom beams	additional accessories	Type of air-vent

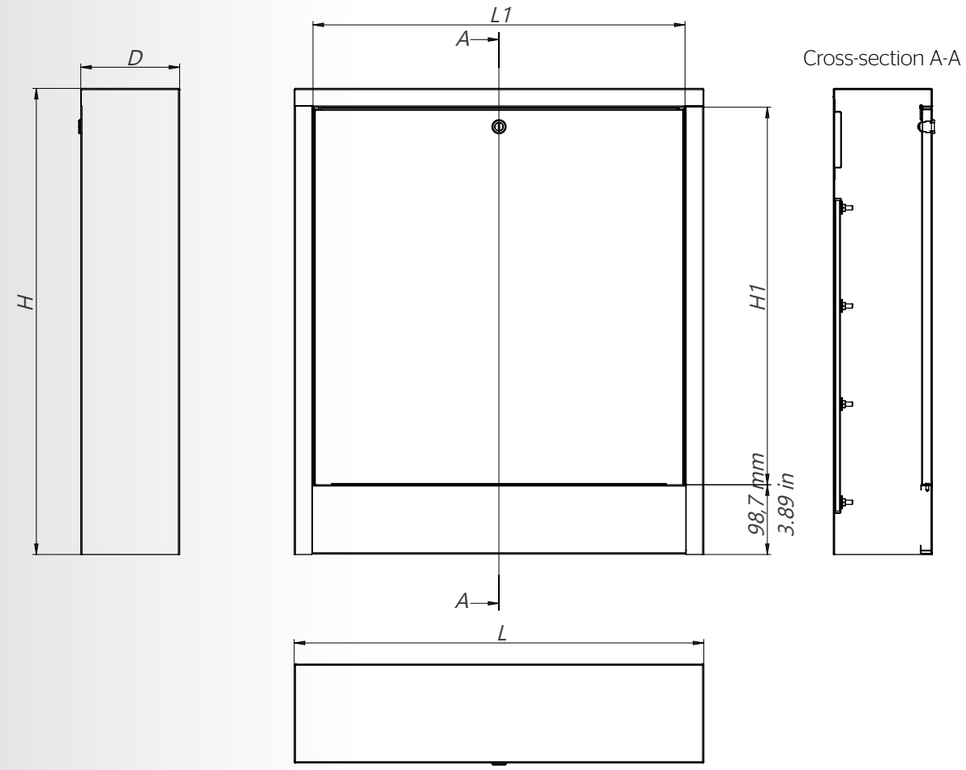
ECOline - SNE surface mounted cabinets

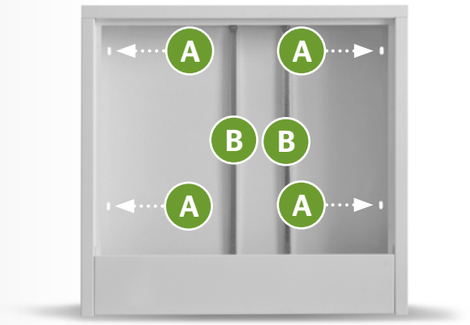
SNE surface mounted cabinets are designed to house manifolds with necessary accessories such as connection fittings, drain valves, air vents, etc.

- Cabinets are made of galvanized steel sheet metal, powder coated in RAL 9016 color (white),
- Rear panel is equipped with 2 mounting holes ø 6 mm (0.24 in) and 2 mounting rails on which the manifold mounting distance can be adjusted,
- Each rail is equipped with 2 M6x18 mm square head screws with washers and nuts,
- Cabinet door is equipped with universal lock (can* be opened with coin or screwdriver),
- Removable crossbar panel at the bottom of the housing allows for effortless installation of the manifold along with necessary accessories.

1 SNE Surface Mounted Cabinet

Code	External dimensions						Door dimensions				Estimated size of the manifold
	width [L]		height [H]		depth [D]		width [L]		height [H]		Number of circuits
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	
1406180002	385	15.16	580	22.83	110	4.33	332	13.07	455	17.91	3
1406180003	485	19.09	580	22.83	110	4.33	432	17.40	455	17.91	5
1406180004	615	24.21	580	22.83	110	4.33	562	22.13	455	17.91	8
1406180005	760	29.92	580	22.83	110	4.33	707	27.83	455	17.91	11
1406180006	845	33.27	580	22.83	110	4.33	792	31.18	455	17.91	13
1406180000	1015	39.96	580	22.83	110	4.33	962	37.87	455	17.91	15
1406180001	1150	45.28	580	22.83	110	4.33	1097	43.19	455	17.91	17





A Mounting holes **B** Mounting rails

Assembly of SNE cabinets

- A place for mounting the cabinet should be planned, taking into account the routing of the pipelines and the total floor height,
- The cabinet should be mounted at the correct height taking into account the thickness of horizontal thermal insulation, screed and floor finishing so that the floor level is flush with the bottom edge of the cabinet,
- The cabinet should be levelled and fixed to the vertical building partition via the mounting holes on the rear panel,
- For mounting the cabinet use appropriate mounting elements depending on the wall structure,
- Install the complete manifold in the cabinet using the provided mounting screws,
- Adjust the fastening spacing by extending the screws in the rails.

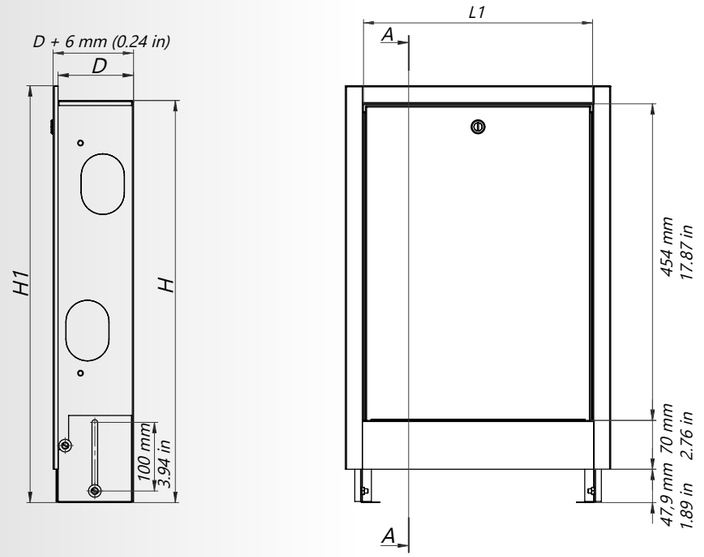
ECOline - SPE recess mounted cabinets

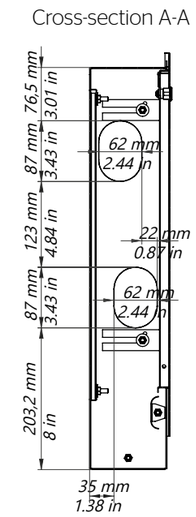
SNE recess mounted cabinets are designed to house manifolds with accessories* such as connection fittings*, drain valves, air vents, etc.

- Cabinets are made of galvanized steel sheet metal, front is powder coated in RAL 9016 color (white),
- Rear wall is equipped with 2 mounting rails on which the manifold fixing distance can be adjusted,
- Each rail is equipped with 2 M6x18 mm square head screws with washers and nuts,
- Cabinet door is equipped with universal lock (can be opened with coin or screwdriver),
- Side walls are equipped with oval-shaped connection slots with 62x87 mm (2.44x3.43 in) lids to allow the manifold to be supplied from the side,
- Extendable bottom legs* make it possible to adjust the cabinet installation height above the floor (+/- 90 mm or 3.54 in),
- Adjustable front frame provides depth adjustment of the cabinet (+/- 60 mm or 2.35 in).

2 SPE Recess Mounted Cabinet

Code	External dimensions						Front dimensions				Estimated size of the manifold
	width [L]		height [H]		depth [D]		width [L]		height [H]		Number of circuits
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	
1406117001	335	13.19	577-677	22.72-26.65	110-160	4.33-6.30	329	12.95	454	17.87	3
1406117002	435	17.13	577-677	22.72-26.65	110-160	4.33-6.30	429	16.89	454	17.87	5
1406117003	565	22.24	577-677	22.72-26.65	110-160	4.33-6.30	559	22.01	454	17.87	7
1406117004	715	28.15	577-677	22.72-26.65	110-160	4.33-6.30	709	27.91	454	17.87	10
1406117005	795	31.30	577-677	22.72-26.65	110-160	4.33-6.30	789	31.06	454	17.87	12
1406117006	965	37.99	577-677	22.72-26.65	110-160	4.33-6.30	859	33.82	454	17.87	14
1406117000	1140	44.88	577-677	22.72-26.65	110-160	4.33-6.30	929	36.57	454	17.87	16





A Side connection slots **B** Mounting rails **C** Extendable feet

Assembly of SPE cabinets

- A place for mounting the cabinet should be planned, taking into account the routing of the pipelines and the total floor height,
- The cabinet should be mounted at the correct height taking into account the thickness of horizontal thermal insulation, screed and floor covering, The cabinet feet must be adjusted to this height,
- The cabinet should be inserted into a recess, levelled and fixed to a vertical building partition using the mounting holes in rear panel,
- For mounting the cabinet use appropriate mounting elements depending on the wall structure,
- If the manifold is supplied from the side, remove the lids covering the side connection slots,
- In order to protect the cabinet front against damage during plastering and finishing works it is possible to remove the frame together with the door,
- Fix the complete manifold in the cabinet with the ready-to-use mounting screws,
- Adjust the fastening spacing by extending the screws in the rails.

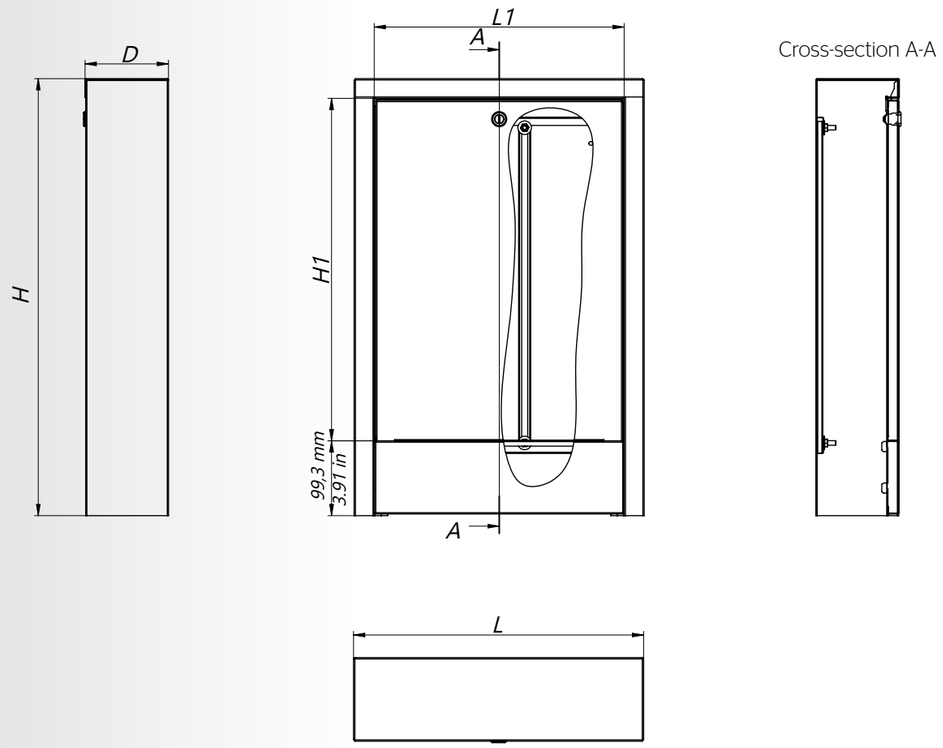
ECOline - SNE OP surface mounted cabinets

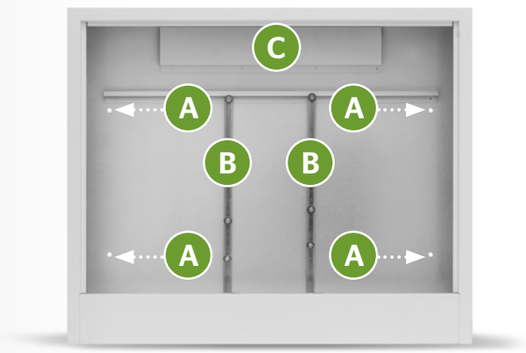
SNE OP surface mounted cabinets are designed to house manifolds, with necessary accessories such as connector fittings, drain valves, air vents, mixing systems, etc., including the possibility of connecting automation control units.

- Cabinets are made of galvanized steel sheet, front is powder coated in RAL 9016 color (white),
- Rear panel is equipped with 4 mounting holes ø 8 mm (0.31 in) and 2 mounting rails on which the manifold fixing distance can be adjusted,
- Each rail is equipped with 4 M6x18 mm square head screws with washers and nuts,
- Rear panel is equipped with an 80 mm (3.15 in) high automation mounting rail,
- Cabinet door is equipped with universal lock (can be opened with coin or screwdriver),
- Removable crossbar panel at the bottom of the housing allows for effortless installation of the manifold along with necessary accessories.

3 SNE OP Surface Mounted Cabinet

Code	External dimensions						Door dimensions				Estimated size of the manifold
	width [L]		height [H]		depth [D]		width [L1]		height [H1]		Number of circuits
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	
1406180014	580	22.83	660	25.98	140	5.51	527	20.75	535	21.06	9
1406180015	780	30.71	660	25.98	140	5.51	727	28.62	535	21.06	12
1406180016	930	36.61	660	25.98	140	5.51	877	34.53	535	21.06	14





A Mounting holes B Mounting Rails C Automation mouting rail

Assembly of SNE OP cabinets

- A place for mounting the cabinet should be planned, taking into account the routing of the pipelines and the total floor height,
- The cabinet should be mounted at the correct height taking into account the thickness of horizontal thermal insulation, screed and floor covering so that the floor level is flush with the bottom edge of the cabinet,
- The cabinet should be levelled and fixed to the vertical building partition via the mounting holes on the rear panel,
- For mounting the cabinet use appropriate mounting elements depending on the wall structure,
- Install the complete manifold in the cabinet using the provided mounting screws,
- Adjust the fastening spacing by extending the screws in the rails.

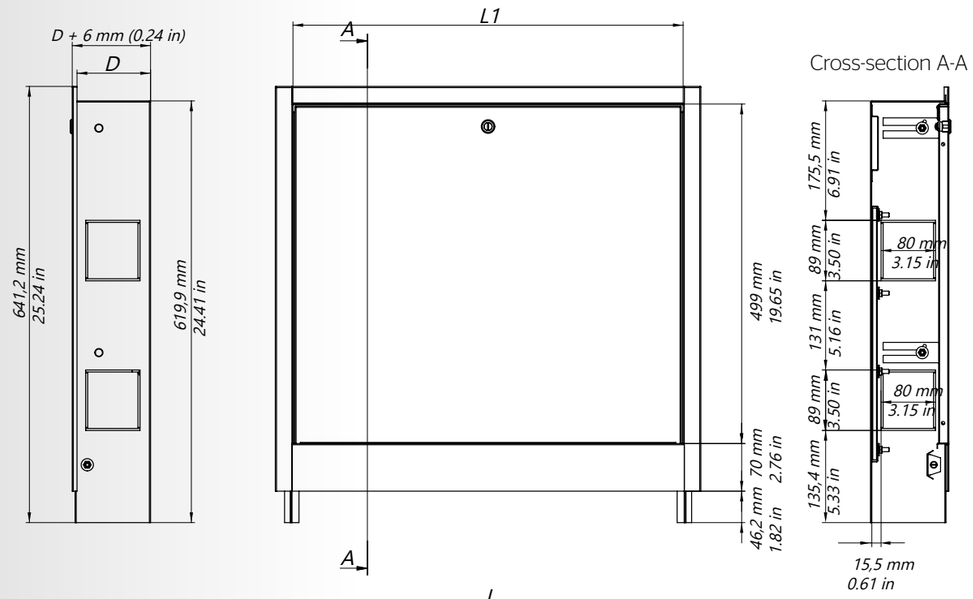
ECOline - SPE OP recess mounted cabinet

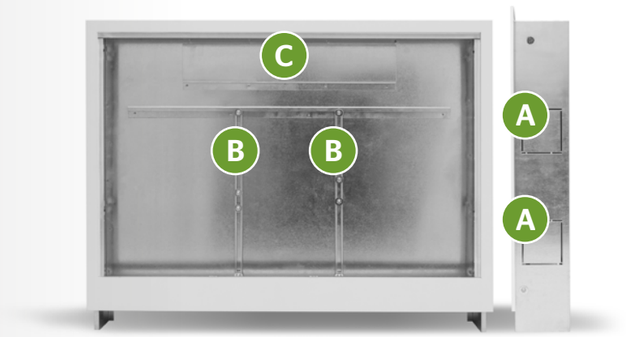
SPE OP recess mounted cabinets are designed to house manifolds with necessary accessories such as, connection fittings, drain valves, mixing systems, etc, Elongated cabinets allow the space to install automation control units.

- Cabinets are made of galvanised steel sheet metal, front is powder coated in RAL 9016 color (white),
- Rear panel is equipped with 2 mounting rails on which the manifold fixing distance can be adjusted,
- Each rail is equipped with 4 M6x18 mm square head screws with washers and nuts,
- Rear panel is equipped with an 80 mm (3.15 in) high automation mouting rail,
- Cabinet door is equipped with universal lock (can be opened with coin or screwdriver),
- Side walls are equipped with connection slots of rectangular cross-section 80x89 mm (3.15x3.50 in) with 220 mm (8.66 in) spacing to allow the manifold to be supplied from the side,
- Adjustable front frame provides depth adjustment of the cabinet.

4 SPE OP Recess Mounted Cabinet

Code	External dimensions						Door dimensions				Estimated size of the manifold
	width [L]		height [H]		depth [D]		width [L]		height [H]		Number of circuits
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	
1406117014	580	22.83	620	24.41	110-165	4.33-6.5	574	22.60	499	19.65	9
1406117015	780	30.71	620	24.41	110-165	4.33-6.5	774	30.47	499	19.65	12
1406117016	930	36.61	620	24.41	110-165	4.33-6.5	924	36.38	499	19.65	14





A Side connection slots **B** Mounting Rails **C** Automation mouting rail

Assembly of SPE OP cabinets

- A place for mounting the cabinet should be planned, taking into account the routing of the pipelines and the total floor height,
- The cabinet should be mounted at the proper height taking into account the thickness of horizontal thermal insulation, screed and floor covering.
- The cabinet should be placed into a recess, levelled and assembled to a vertical building partition using the mounting holes in the back panel,
- For mounting the cabinet use appropriate mounting elements depending on the wall structure,
- If the manifold is supplied from the side, remove the lids covering the side connection slots,
- In order to protect the cabinet front against damage during plastering and finishing works, it is possible to remove the frame together with the door,
- Fix the complete manifold in the cabinet with the ready-to-use mounting screws.
- Adjust the fastening spacing by extending the bolts in the slides.

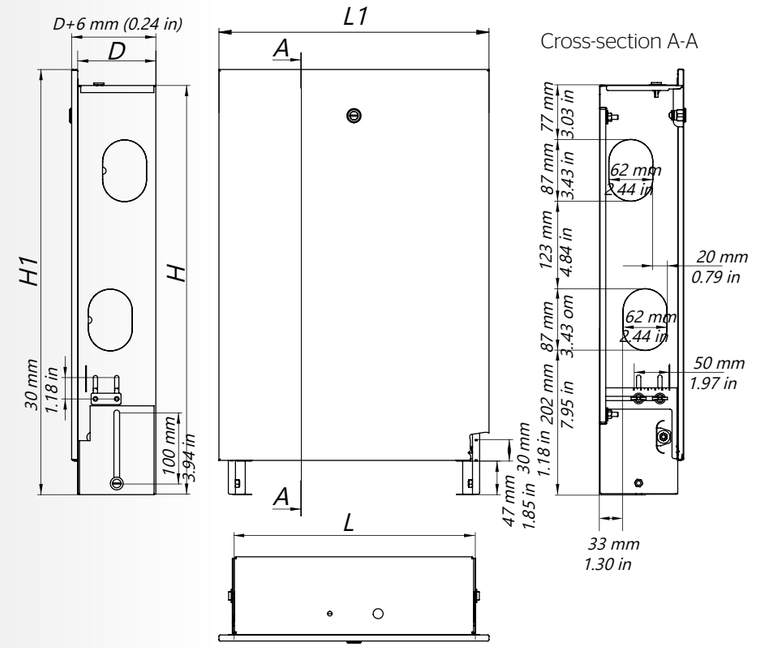
ECOline - SPE S recess mounted cabinet

SPE S recess mounted cabinets are designed to house manifolds, with necessary accessories, such as connection fittings, drain valves, air vents, mixing systems, etc.

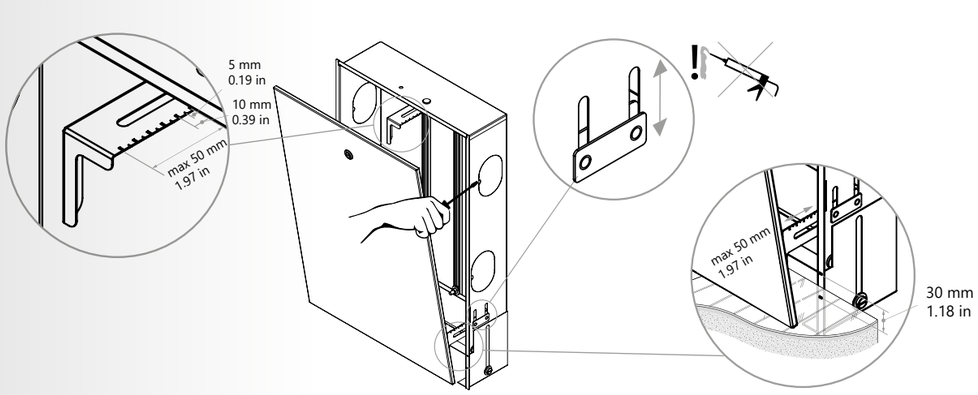
- Cabinets are made of galvanised steel sheet metal, front is powder coated in RAL 9016 color (white),
- Rear wall is equipped with 2 mounting rails on which the manifold fixing distance can be adjusted,
- Each rail is equipped with 4 M6x18 mm square head screws with washers and nuts,
- Cabinet front is equipped with universal lock (can be opened with coin or screwdriver),
- Side walls are equipped with connection slots of oval section 87x62 mm (3.43x2.44 in) with 210 mm (8.27 in) distance between them to supply the manifold from the side,
- The fully adjustable front cabinet panel allows for depth and height adjustment.

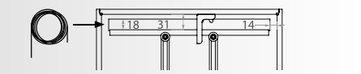
5 Eco Slim Recess Mounted Cabinet

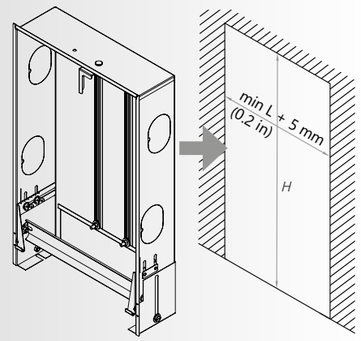
Code	External dimensions						Front dimensions				Estimated size of the manifold
	width [L]		height [H]		depth [D]		width [L]		height [H]		Number of circuits
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	
1406117031	335	13.19	575-675	22.64-26.57	110-160	4.33-6.30	380	14.96	598-728	23.54-28.66	3
1406117032	435	17.13	575-675	22.64-26.57	110-160	4.33-6.30	480	18.90	598-728	23.54-28.66	5
1406117033	565	22.24	575-675	22.64-26.57	110-160	4.33-6.30	610	24.02	598-728	23.54-28.66	7
1406117034	715	28.15	575-675	22.64-26.57	110-160	4.33-6.30	760	29.92	598-728	23.54-28.66	10
1406117035	795	31.30	575-675	22.64-26.57	110-160	4.33-6.30	840	33.07	598-728	23.54-28.66	12
1406117036	965	37.99	575-675	22.64-26.57	110-160	4.33-6.30	1010	39.76	598-728	23.54-28.66	14
1406117037	1140	44.88	575-675	22.64-26.57	110-160	4.33-6.30	1185	46.65	598-728	23.54-28.66	16

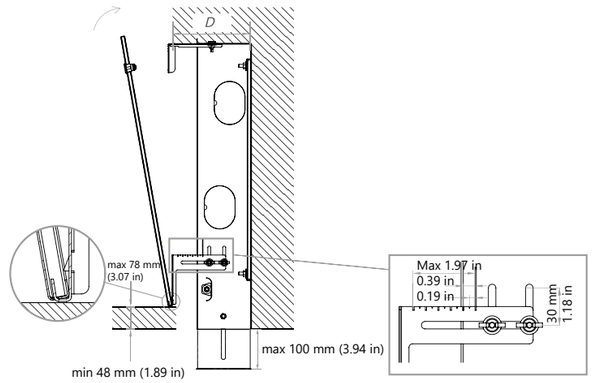


Assembly of SPE S cabinets









Radiant heating/cooling pipe fastening systems

Tacker

Hydronic floor system for heating and cooling designed to be used with a wet screed method. Polystyrene foam board in various thickness make for effortless installing of tubing via tacker clips. The system allows for freed orientation of pipe , reducing the installing time and effort with the tacker clip system.

Laminated foil for Tacker system

Code	Dimensions		Packaging
	SI	Imperial	
1800183000	130 µm (50x1.03m)	5 mil (164x3.38')	50 m / 164'

U type clips for pipes fastening

Long clip L=55 mm (2.17") for fastening pipes on polystyrene mats

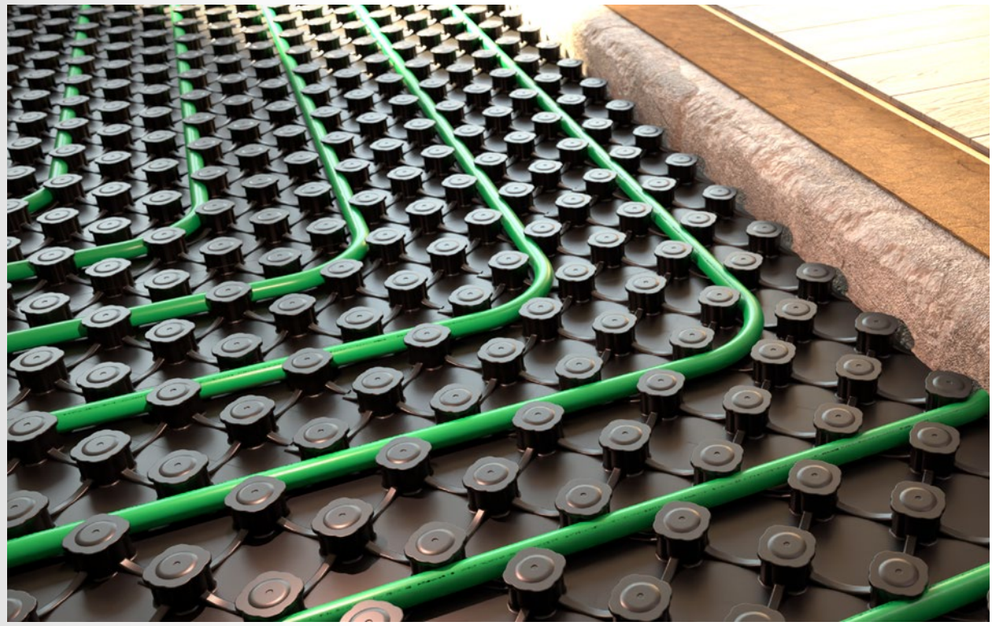
Code	Use	Packaging
1806191003	pipe Ø ½" (14-18)	100 pcs. in bulk
1806191004	pipe Ø ½" (14-18)	200 pcs. in bulk
1806191005	pipe Ø ½" (14-18)	500 pcs. in bulk (25 pcs. block)

Short clip L=42 mm (1.65") for fixing pipes on polystyrene mats

Code	Use	Packaging
1806191000	pipe Ø ½" (14-18)	100 pcs. in bulk
1806191001	pipe Ø ½" (14-18)	200 pcs. in bulk
1806191002	pipe Ø ½" (14-18)	500 pcs. in bulk (25 pcs. block)

Profil

Hydronic floor system for heating and cooling designed to be used with a wet screed method. The Profil system features a specifically profiled fastening technique, where ½" tubing is installed in a freed orientation fixed between the systems protruding pattern.

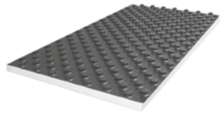


Profil 1 foamed polysytyrene EPS

T-24 dB (sound-absorbing) board with PS foil - 12.05 ft² (1.12 m²) sheet

Code	Dimensions		Packaging
	SI	Imperial	
1818211651	30-2 mm (0.8x1.4m)	1.18-0.08" (2.62x4.59')	6.72 m² (64.58 ft²)

Total thickness of the board with the profiled part is 2 in (51 mm).
Dimension includes change in thickness caused by load.

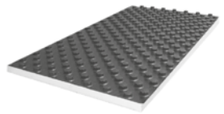


Profil 2 foamed polystyrene EPS200

036 (PS30) board 1.12 m² sheet (12.056 ft²)

Code	Dimensions		Packaging
	SI	Imperial	
1818211650	11 mm (0.8x1.4 m)	0.43" (2.62x4.59')	14,56 m² (156.72 ft²)

Total thickness of the board with the profiled part is 1.26 in (32 mm)

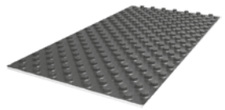


Profil 3 profiled PS foil

12.05 ft² (1.12 m²) sheet

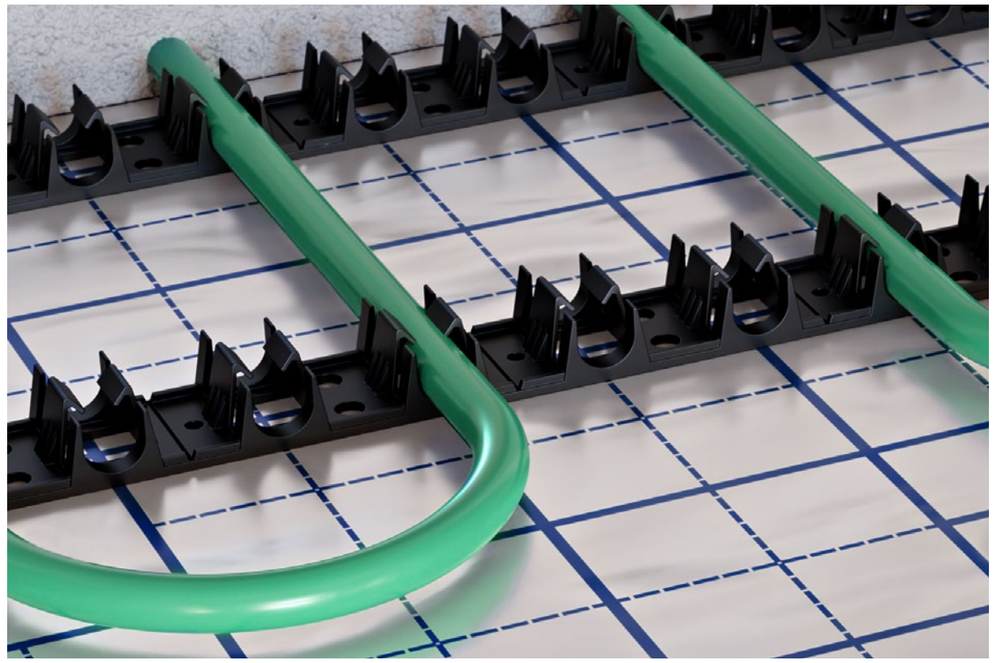
Code	Dimensions		Packaging
	SI	Imperial	
1818211652	1 mm (0.8x1.4 m)	0.04" (2.62x4.59')	13.44 m² (139.93 ft²)

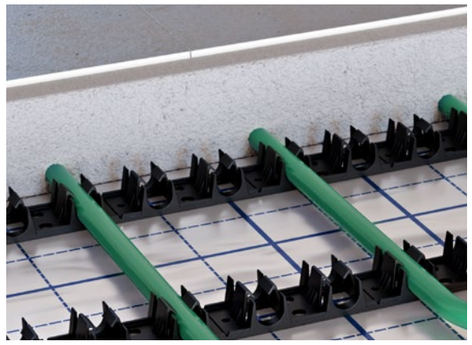
Total height of the foil with the profiled part is 0.79 in (20 mm).



Rail

Hydronic floor system for heating and cooling designed to be used with a wet screed method. The Rail system features plastic tracks designed to hold tubing in various spacing methods. The tracks can be fixed to any surface, vertical or horizontal while the tube is physically depressed into the tracks clip system, requiring no additional fastening tools.





Mounting rail for pipes

Code	Height		Length		Packaging
	SI	Imperial	SI	Imperial	
1800209000	23 mm	0.9"	1 m (5x0.2 m) 12-17	3.28'(5x0.66') ⅜-½"	100 pcs.
1800209001	24 mm	0.95"	1 m (2x0.5 m) 16-17	3.28'(5x0.66') ½"	100 pcs.
1800209009	29 mm	1.14"	1 m (2x0.5 m) 12-22	3.28' (5x0.66') ⅜-1"	100 pcs.

TBS / Fibreboard

Hydronic floor system for heating and cooling designed to be used with a dry method, eliminating the need for any concrete layer. The TBS / Fibreboard system feature pre-grooved polystyrene / OSB boards profiled in various patterns to hold ½" tubing. The boards are to be fasted to the surface while the tubing is physically depressed into the grooves in various spacing. Metal "conducting" plates are installed for improve heat distribution.

TBS foamed polystyrene EPS150

Code	Dimensions		Packaging
	SI	Imperial	
1818211645	25 mm (0.5x1.0 m)	0.98" (1.64x3.28')	20 m² (215.27 ft²)

TBS metal profile

Code	Dimensions		Packaging
	SI	Imperial	
1800213000	0.4 mm (1.0x0.12 m)	0.02" (3.28x0.39')	50 pcs.

TBS foamed polystyrene EPS200 036

Code	Dimensions		Packaging
	SI	Imperial	
1818211649	25 mm (0.5x1.0 m)	0.98" (1.64x3.28')	12 m² (129.2 ft²)

Fibreboard straight panel

Code	Dimensions		Packaging
	SI	Imperial	
1800273001	1200x600x22 mm	3.94x1.97x0.07'	1 pc.

Fibreboard compact panel

Code	Dimensions		Packaging
	SI	Imperial	
1800273000	1200x600x22 mm	3.94x1.97x0.07'	1 pc.

Fibreboard return panel

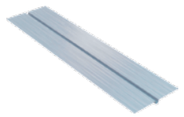
Code	Dimensions		Packaging
	SI	Imperial	
1800273002	1200x600x22 mm	3.94x1.97x0.07'	1 pc.

Fibreboard covering panel

Code	Dimensions		Packaging
	SI	Imperial	
1800188015	1200x600x22 mm	3.94x1.97x0.07'	1 pc.

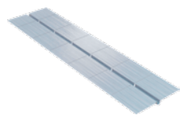
Fibreboard straight metal plate heat sink

Code	Dimensions		Packaging
	SI	Imperial	
1800273003	1000x145x0.5 mm	39.37x5.71x0.02"	1 pc.



Fibreboard metal plate heat sink

Code	Dimensions		Packaging
	SI	Imperial	
1800273004	1000x145x0.5 mm	39.37x5.71x0.02"	1 pc.



Accesories

Peg for foil fastening L=3.7" (94 mm)

Code	Dimensions		Packaging
	SI	Imperial	
1800183003	8 mm	0.32"	100 pcs.

PE foil for TBS System

Code	Dimensions		Packaging
	SI	Imperial	
1818183000	0.2 mm (2.0x50m)	0.01" (6.56x164')	100 m²

Edge tape with perforation

Code	Dimensions		Packaging
	SI	Imperial	
1818255002	0.2m (2.0x25 m)	0.32x5.91"	25 m (82 ft)

Edge tape with perforation and foil

Code	Dimensions		Packaging
	SI	Imperial	
1818255003	8x150 mm	0.32x5.91"	25 m (82 ft)

Expansion joint profile with feet

Code	Dimensions		Packaging
	SI	Imperial	
1800255000	10x150 mm	0.39x5.91"	25 m (82 ft)

Expansion joint - PE foam

Code	Dimensions		Packaging
	SI	Imperial	
1800183007	2 m	6.56'	2 m (6.56 ft)

Expansion joint - rail

Code	Dimensions		Packaging
	SI	Imperial	
1800209029	2 m	6.56'	2 m (6.56 ft)

Expansion joint - corrugated pipe

Code	Dimensions		Packaging
	SI	Imperial	
1700183010	0.4 m	1.31'	60 pcs.

Servomotor 24 V

Code	Version	Packaging
1802003005	NO	1 pc.
1802003006	NC	1 pc.

NO - normally open, NC - normally closed

Servomotor 24 V with M30×1.5 adapter

Code	Version	Packaging
1327098159	NC	1 pc.

Servomotor adapter

Code	Version	Packaging
1802003001	M30x1.5	20 pcs.

Plastic bend support

Code	Dimensions		Packaging
	SI	Imperial	
1700218003	-/14-18 mm	-/ ½"	200 pcs.
1700218000	12-14/20 mm	⅜" / ½"	100 pcs.
1700218004	12-18/25 mm	⅜-½" / ¾-1"	80 pcs.

The first range is for pipes with corrugated protection, the second for pipes without corrugated protection.

Tools

Plastic Tacker tool for U55 and U42 clips

Code	Packaging
1950067000	1 pc.

TBS electric cutter

Code	Version	Packaging
1950267040	110V	1 pc.

TBS cutter tip

Code	Packaging
1950267000	1 pc.

Pipe cutter

Code	Dimensions		Packaging
	SI	Imperial	
1938267050	12-32 mm	⅜-1 ¼"	1 pc.

Pipe cutter blade

Code	Dimensions		Packaging
	SI	Imperial	
1938267055	12-32 mm	⅜-1 ¼"	1 pc.

Pipe uncoiler

Code	Packaging
1928270001	1 pc.

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