

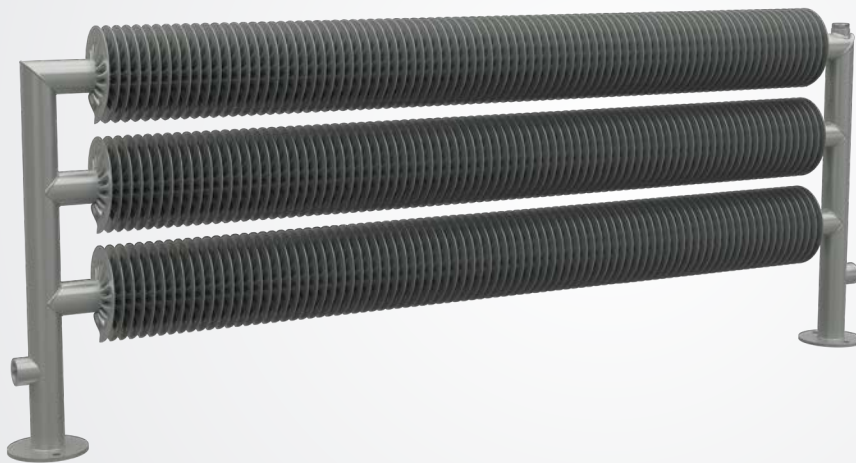


AG FAVIER LINE

Finned tube radiators

AG Favier Line

The history of finned tube radiators goes back a long time. They first began to appear in factories, warehouses, greenhouses, gyms and laundries. Nowadays, we can also encounter them in office buildings, hallways, restaurants as well as in our homes. Contemporary architecture, filled with new shapes and novel solutions, has allowed the introduction of this industrial element into our immediate vicinity. The possibilities in terms of size, mounting and colour designs will expand the imagination and reinforce the space's uniqueness. Break loose from conventional standards and give originality a chance. Thanks to the thick-walled tube with fins, you will obtain a product with a very long service life. Favier line radiators are suitable for both horizontal and vertical mounting. Coupled with the colour design options, they provide an aesthetic addition to the interior.



△ Favier FAT3-S



△ Favier FO2-V

Basic specifications

Material	strip steel coiled on a thick-walled steel pipe
Models	FA1, FAT2, FAT3, FAO2, FAO3
Tube × fin diameter	Ø32×92 mm, Ø57×137 mm, Ø76×156 mm Ø89×169 mm, Ø108×188 mm
Length	500–6 000 mm horizontal 500–2 500 mm vertical (in step 100 mm, from 3 000 mm in step 200 mm)
Horizontal mounting	floor and wall
Vertical mounting	wall
Base colour	snow white RAL 9016 (colour code - 01)
Additional colours	as per Loft Line and the basic RAL colour charts

Operating conditions

Max. operation overpressure	1,0 MPa
Max. operation temperature	120 °C
Connection thread	inner G1/2"
Heating system	with forced circulation
Ambient conditions	ambient temperature +2 to +40 °C relative humidity 20-70%

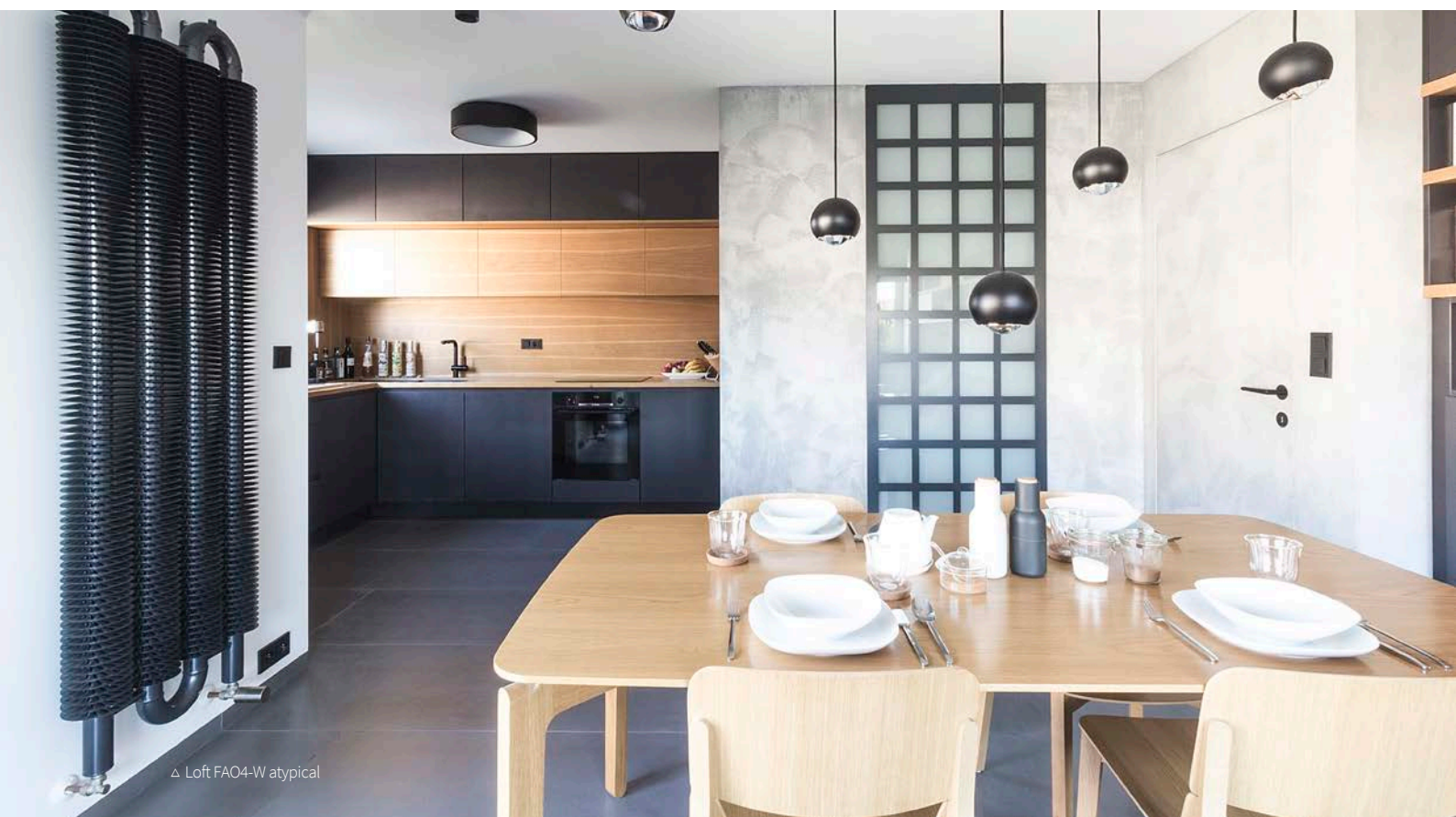
Modifications

Stainless steel (Ø 32×92, Ø 57×137, Ø 76×156 mm models)
Galvanized (all models)

Atypical configurations

different connection threads, alternative connection position, denser or thinner finning, additional strands (e.g. RAT4), etc.

An attractive helix :-)



△ Loft FA04-W atypical

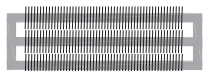
Horizontal models



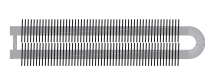
FA1



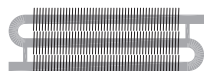
FAT2



FAT3



FA02

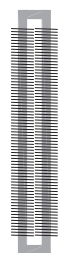


FA03

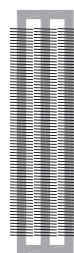
Vertical models



FA1



FAT2



FAT3



FA02



FA03

Favier without fins

Minimalism and subtle beauty. Heat-emitting tubes welded in square or S-shaped patterns. The heat produced by the tubes alone may not seem like much, but it is more than enough. This discreet solution is especially popular in corridors, halls, waiting rooms, staircases, wine cellars, restaurants, and even in low-energy and passive houses. It is particularly well suited for heating warehouses and areas where safety requirements are of greater concern, such as in horse stables or other farm buildings. The robust thick-walled pipes guarantee a long service life, making the investment worthwhile.



△ Favier HFA03-F



△ Favier HFAT3-V

Basic specifications

Material	a thick-walled steel pipe
Models	HFA1, HFAT2, HFAT3, HFAO2, HFAO3
Tube diameter	Ø32 mm, Ø57mm, Ø76 mm Ø89 mm, Ø108 mm
Length	500–6 000 mm horizontal 500–2 500 mm vertical (in step 100 mm, from 3 000 mm in step 200 mm)
Horizontal mounting	floor and wall
Vertical mounting	wall
Base colour	snow white RAL 9016 (colour code - 01)
Additional colours	as per AG Favier Line and the basic RAL colour charts

Operating conditions

Max. operation overpressure	1,0 MPa
Max. operation temperature	120 °C
Connection thread	inner G1/2"
Heating system	with forced circulation
Ambient conditions	ambient temperature +2 to +40 °C relative humidity 20-70%

Modifications

Stainless steel (Ø 32, Ø 57, Ø 76 mm)
Galvanized (all models)

Atypical configurations

different connection threads, alternative connection position, denser or thinner finning, additional strands (e.g. HRAT4), etc.

Give subtlety a chance



△ Favier HFAO2-W

Horizontal models



HFA1



HFAT2



HFAT3



HFAO2



HRAO3

Vertical models



HFA1



HFAT2



HFAT3



HFAO2



HFAO3

Stainless steel design

Models Ø32, Ø57, Ø76

MODERN INTERIOR DESIGN ELEMENTS

Stainless steel radiators are designed for modern interiors, for premises with requirements for environmental resistance and durability. They are an important part of the room, a massive metal body with gently blasted finish and visible welds.

WET ENVIRONMENT

Stainless steel coils are suitable for rooms with higher humidity and in the environment where the radiator comes into contact with the water and steam. The material is waterproof and in the longterm period retains the functional characteristics and appearance. Not suitable for aggressive environments with an increased share of chlorine, salt water, etc.

RESISTANCE

Excellent mechanical properties of stainless steel are a prerequisite for the resistance against abrasion, scratches and mechanical damage. Used stainless steel material also serves as a protection against corrosion. If the conditions for the operation of the body are complied with the life is almost unlimited.

MATERIAL

The radiator body is made of stainless steel ČSN 17240 (DIN 1.4301, AISI 304). The body surface is finely sanded.

HEATING OUTPUT

Consider the heating output of the FAVIER stainless steel radiators 35% lower than with standard painted steel bodies.

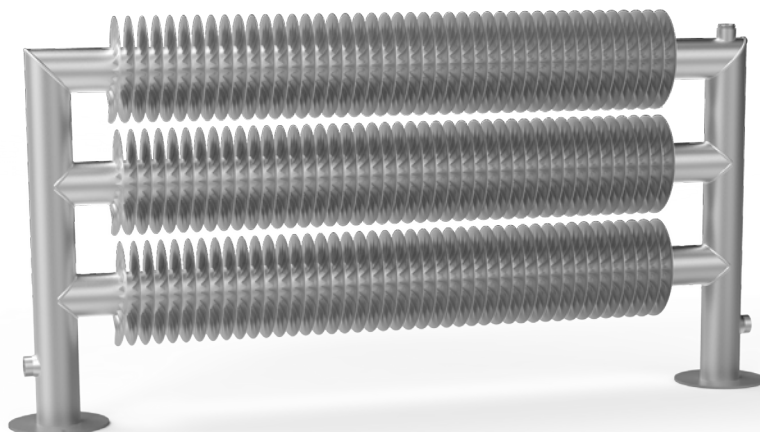
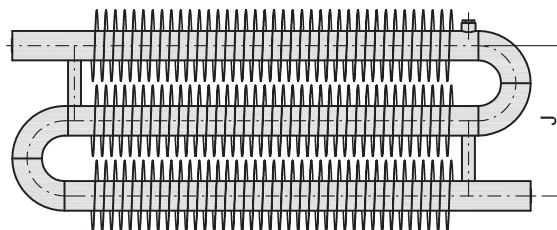


DESIGN

Types of radiators FAO2, FAO3 in the stainless steel design have a different pitch of "J" finned tubes compared to the standard design, see the table:

Distance J [mm] of types FAO2, FAO3

Type of Spiral	Painted steel	Stainless steel
FAO2 Ø57 mm	145 mm	175 mm
FAO2 Ø76 mm	200 mm	195 mm
FAO3 Ø57 mm	290 mm	350 mm
FAO3 Ø76 mm	400 mm	390 mm



△ Favier FAT3-S

Galvanized design

All variants

THE RADIATOR IN THE AGGRAVATED ENVIRONMENT

The hot-dip galvanizing finish is suitable for environments with the difficult environmental conditions. By immersing in the zinc bath with the temperature of 450–470°C, the high quality zinc coating is applied to the steel body. This can long withstand the adverse effects of the surroundings and is resistant to mechanical wear.

The galvanized surface is characterized by the following properties:

- long life
- non-porous uniform surface
- high quality and uniform coating, even on the inside and hard to reach areas

This all while meeting the criteria of the environmental standards

MOIST AND AGGRESSIVE ENVIRONMENTS

Galvanizing resists aggravated environmental conditions when used in areas where it is exposed to water, steam, frost, ammonia and other aggressive substances.

- aggressive environment (farm buildings, piggeries, ...)
- open spaces (halls, stadiums ...)
- exposed premises (boiler rooms, manufacturing plants)

RESISTANCE

Galvanized finish is resistant to mechanical damage. It is suitable for manufacturing plants, commercial buildings and wherever it is within the operation and handling possible that the body will be subjected to abrasion or impacts.

HEATING OUTPUT

Consider the heating output of Favier galvanized radiators being 10 % lower than standard painted steel bodies.

CONS – APPEARANCE AND DESIGN ADJUSTMENT

The technology of applying the zinc coating by dipping in hot metal bath entails several disadvantages. The surface is not completely smooth; it may contain surface roughness (meal). There may be burrs caused by sagging zinc along the perimeter. Structurally, it is necessary to provide the radiator with additional couplings (securing inlet, outlet and venting openings). The zinc layer is also inside the radiator.

The production itself is always preceded by drawing to be confirmed by the customer.

The final radiator is shipped roughly deburred whereas additional lugs are blinded and connecting threads are stretched.

Favier Radiators with the galvanized coating are supplied with these connecting threads:

Connecting threads	
G 3/4"	for Spiral Ø32×92 mm
G1"	for Spiral Ø57×137, Ø76×156, Ø89×169, Ø108×188 mm

Including galvanized reductions for thread G1/2"



DESIGN

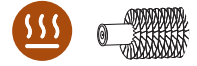
Favier radiator with the hot-dip zinc is not primarily intended for use in residential interiors, unless explicitly intended by the architect, who accepts the surface roughness of the product. It is more suitable to commercial premises.



△ Favier FAO2-V



Favier horizontal heating output



Type	Model	n [-]	Temperature gradient ΔT [K]	Length [mm] / Heating output [W]								
				500	1000	1500	2000	2500	3000	4000	5000	6000
FA1	Ø32x92 mm	1,3062	$\Delta T30$	70	144	219	296	374	453	611	772	933
			$\Delta T50$	136	280	427	577	729	882	1191	1504	1819
			$\Delta T60$	173	355	542	732	925	1119	1511	1908	2308
	Ø57x137	1,2931	$\Delta T30$	89	184	281	380	480	580	784	990	1197
			$\Delta T50$	173	356	544	735	929	1123	1518	1916	2318
			$\Delta T60$	219	451	689	930	1176	1422	1922	2425	2934
	Ø76x156	1,2876	$\Delta T30$	97	201	307	415	524	634	857	1082	1309
			$\Delta T50$	188	388	593	801	1012	1224	1654	2088	2526
			$\Delta T60$	238	491	750	1013	1280	1548	2092	2640	3194
	Ø89x169	1,2162	$\Delta T30$	102	211	330	458	590	727	1010	1300	1600
			$\Delta T50$	190	393	615	852	1099	1354	1879	2419	2978
			$\Delta T60$	237	491	768	1064	1372	1690	2345	3020	3717
Ø108x188	1,217	$\Delta T30$	105	223	351	485	626	771	1070	1378	1697	
		$\Delta T50$	195	415	653	904	1166	1436	1993	2566	3159	
		$\Delta T60$	243	518	815	1129	1456	1793	2488	3203	3944	
FA2	Ø32x92 mm	1,2831	$\Delta T30$	113	241	376	516	659	804	1102	1408	1718
			$\Delta T50$	218	465	725	994	1269	1549	2123	2711	3309
			$\Delta T60$	275	588	916	1256	1603	1957	2683	3426	4181
	Ø57x137	1,2795	$\Delta T30$	148	316	493	676	863	1053	1443	1843	2250
			$\Delta T50$	285	608	948	1299	1659	2025	2775	3543	4325
			$\Delta T60$	360	768	1197	1640	2095	2557	3504	4474	5461
	Ø76x156	1,278	$\Delta T30$	164	350	546	748	955	1166	1598	2041	2491
			$\Delta T50$	315	673	1049	1437	1835	2240	3070	3920	4786
			$\Delta T60$	398	850	1324	1814	2316	2828	3876	4949	6042
	Ø89x169	1,2537	$\Delta T30$	180	385	600	822	1049	1281	1756	2242	2737
			$\Delta T50$	342	730	1138	1559	1991	2431	3331	4253	5192
			$\Delta T60$	430	917	1430	1959	2502	3055	4186	5345	6525
Ø108x188	1,2581	$\Delta T30$	194	414	645	884	1129	1378	1888	2411	2944	
		$\Delta T50$	368	787	1227	1681	2146	2621	3591	4585	5598	
		$\Delta T60$	463	990	1543	2114	2699	3297	4517	5767	7041	
RAT3	Ø32x92 mm	1,2788	$\Delta T30$	156	333	519	711	908	1108	1519	1939	2368
			$\Delta T50$	299	640	997	1366	1745	2130	2919	3726	4550
			$\Delta T60$	378	808	1259	1725	2203	2689	3685	4704	5745
	Ø57x137	1,2736	$\Delta T30$	208	443	691	946	1209	1475	2022	2582	3152
			$\Delta T50$	398	849	1324	1814	2317	2828	3876	4948	6041
			$\Delta T60$	502	1071	1670	2288	2923	3567	4889	6241	7620
	Ø76x156	1,2711	$\Delta T30$	231	494	771	1055	1348	1646	2255	2878	3515
			$\Delta T50$	443	946	1475	2020	2580	3150	4316	5510	6728
			$\Delta T60$	559	1193	1860	2547	3253	3972	5442	6947	8483
	Ø89x169	1,2745	$\Delta T30$	246	525	818	1120	1430	1747	2393	3056	3731
			$\Delta T50$	471	1006	1568	2148	2743	3349	4589	5860	7155
			$\Delta T60$	594	1269	1978	2710	3461	4225	5789	7393	9027
Ø108x188	1,2811	$\Delta T30$	267	571	890	1219	1557	1901	2604	3325	4060	
		$\Delta T50$	514	1098	1712	2346	2995	3657	5011	6398	7811	
		$\Delta T60$	649	1387	2162	2963	3783	4619	6329	8081	9866	
FA02	Ø32x92 mm	1,2786	$\Delta T30$	111	229	350	472	596	721	974	1230	1488
			$\Delta T50$	213	440	672	907	1146	1386	1872	2364	2860
			$\Delta T60$	269	556	848	1145	1447	1750	2363	2985	3611
	Ø57x137	1,2511	$\Delta T30$	147	304	464	628	792	958	1295	1635	1978
			$\Delta T50$	279	576	880	1189	1501	1816	2454	3098	3748
			$\Delta T60$	350	724	1105	1494	1886	2281	3083	3892	4708
	Ø76x156	1,2296	$\Delta T30$	179	369	564	762	962	1164	1572	1985	2402
			$\Delta T50$	335	692	1057	1428	1803	2181	2946	3720	4501
			$\Delta T60$	419	866	1323	1787	2256	2729	3686	4655	5632
	Ø89x169	1,2264	$\Delta T30$	182	364	567	785	1013	1250	1734	2231	2748
			$\Delta T50$	340	681	1061	1469	1896	2338	3245	4175	5142
			$\Delta T60$	425	852	1327	1837	2371	2924	4058	5221	6430
Ø108x188	1,2298	$\Delta T30$	188	410	647	896	1156	1422	1974	2542	3129	
		$\Delta T50$	352	768	1212	1680	2166	2666	3699	4765	5864	
		$\Delta T60$	440	961	1517	2102	2710	3336	4629	5963	7338	
RA03	Ø32x92 mm	1,2511	$\Delta T30$	150	310	474	640	809	978	1322	1668	2019
			$\Delta T50$	285	588	898	1213	1532	1854	2504	3161	3825
			$\Delta T60$	358	739	1128	1524	1925	2329	3146	3971	4805
	Ø57x137	1,209	$\Delta T30$	204	421	643	869	1097	1328	1794	2264	2740
			$\Delta T50$	378	781	1193	1612	2035	2462	3326	4199	5081
			$\Delta T60$	471	974	1487	2010	2537	3069	4146	5235	6334
	Ø76x156	1,1716	$\Delta T30$	244	503	768	1038	1311	1586	2143	2705	3273
			$\Delta T50$	444	915	1398	1889	2385	2886	3898	4922	5955
			$\Delta T60$	550	1133	1731	2339	2953	3573	4826	6094	7373
	Ø89x169	1,2365	$\Delta T30$	-	506	802	1112	1434	1763	2445	3152	3878
			$\Delta T50$	-	951	1508	2092	2696	3316	4599	5928	7293
			$\Delta T60$	-	1191	1889	2621	3378	4155	5762	7427	9137
Ø108x188	1,2426	$\Delta T30$	-	594	942	1306	1683	2071	2872	3701	4554	
		$\Delta T50$	-	1120	1777	2464	3175	3907	5418	6983	8591	
		$\Delta T60$	-	1405	2229	3091	3982	4900	6796	8759	10775	

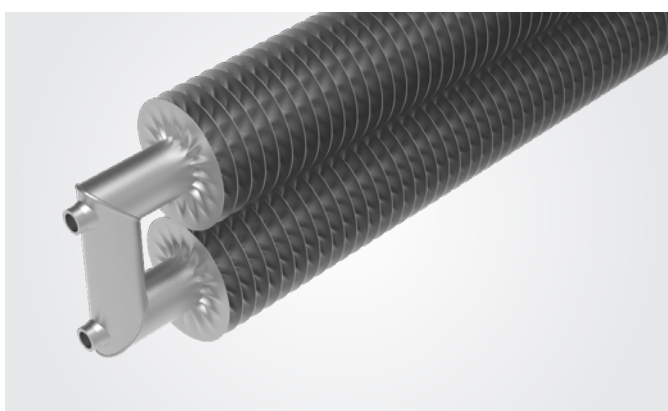
Temperature gradient $\Delta T30 = 55/45/20$ °C, $\Delta T50 = 75/65/20$ °C, $\Delta T60 = 90/70/20$ °C
 See pages 20-23 for detailed heating outputs for all lengths.

Indicative heating outputs of the Favier modifications



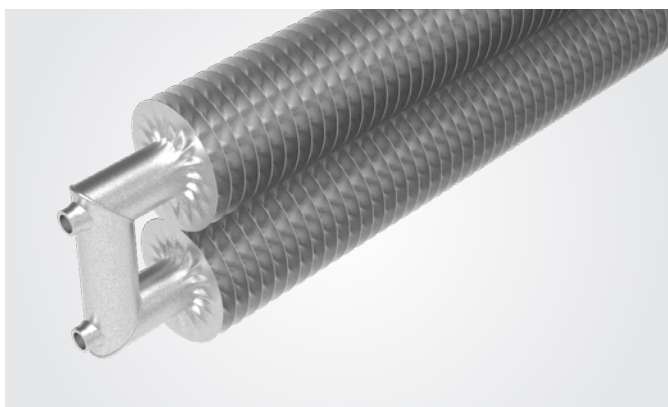
Favier Vertical

The heating output of the vertical **Favier** models is about 30 % lower than that of horizontal units.



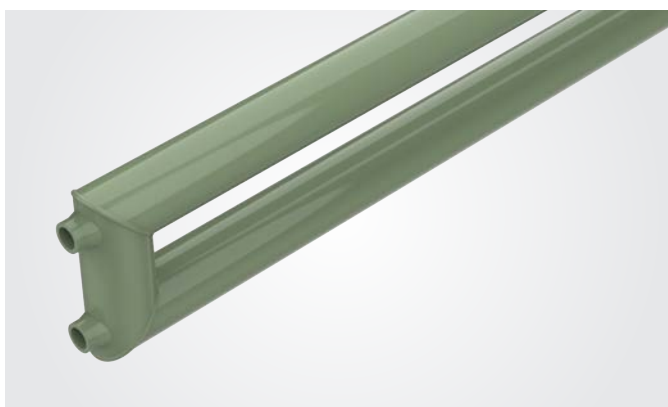
Stainless-steel Spiral

The heat output of stainless-steel models is about 35 % lower than that of conventional steel units.



Galvanized zinc Spiral

The heating output of galvanized zinc models is about 10 % lower than that of conventional steel units.



Favier without fins

The heating output of models without the ribbing is about 60-80 % lower than that of standard design units.

Ø 32	-80 %	Ø 57	-75 %
Ø 76	-70 %	Ø 89	-65 %
Ø 108	-60 %		

The output reduction of the Favier modification is multiplied when the designs are combined. E.g. the galvanized Spiral Vertical output = the horizontal output x 0,7x0,9.

Thermostatic Packs

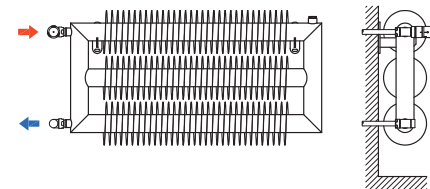


Thermostatic set corner

white
chrome
inox



illustration image



Pack no. 113 / white / Code: O37BRC-113

Connection to copper pipes \varnothing 15 mm

Thermostatic head / white

Corner thermostatic valve and lockshield valve / white

Clamping fittings for copper pipes / chrome

Pack no. 115 / chrome / Code: O37CRC-115

Connection to copper pipes \varnothing 15 mm

Thermostatic head / chrome

Corner thermostatic valve and lockshield valve / chrome

Clamping fittings for copper pipes / chrome

Pack no. 117 / inox / Code: O37NRC-117

Connection to copper pipes \varnothing 15 mm

Thermostatic head / inox

Corner thermostatic valve and lockshield valve / inox

Clamping fittings for copper pipes / inox

Pack no. 114 / white / Code: O37BRA-114

Connection to Al/PEX, Al/PERT pipes \varnothing 16 \times 2 mm

Thermostatic head / white

Corner thermostatic valve and lockshield valve / white

Clamping fittings for Al/PEX and Al/PERT / chrome

Pack no. 116 / chrome / Code: O37CRA-116

Connection to Al/PEX, Al/PERT pipes \varnothing 16 \times 2 mm

Thermostatic head / chrome

Corner thermostatic valve and lockshield valve / chrome

Clamping fittings for Al/PEX and Al/PERT / chrome

Pack no. 118 / inox / Code: O37NRA-118

Connection to Al/PEX, Al/PERT pipes \varnothing 16 \times 2 mm

Thermostatic head / inox

Corner thermostatic valve and lockshield valve / inox

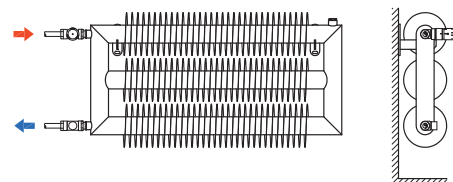
Clamping fittings for Al/PEX and Al/PERT / inox

Thermostatic set direct

white
chrome
inox



illustration image



Pack no. 107 / white / Code: O37BPC-107

Connection to copper pipes \varnothing 15 mm

Thermostatic head / white

Direct thermostatic valve and lockshield valve / white

Clamping fittings for copper pipes / chrome

Pack no. 109 / chrome / Code: O37CPC-109

Connection to copper pipes \varnothing 15 mm

Thermostatic head / chrome

Direct thermostatic valve and lockshield valve / chrome

Clamping fittings for copper pipes / chrome

Pack no. 111 / inox / Code: O37NPC-111

Connection to copper pipes \varnothing 15 mm

Thermostatic head / inox

Direct thermostatic valve and lockshield valve / inox

Clamping fittings for copper pipes / inox

Pack no. 108 / white / Code: O37BPA-108

Connection to Al/PEX, Al/PERT pipes \varnothing 16 \times 2 mm

Thermostatic head / white

Direct thermostatic valve and lockshield valve / white

Clamping fittings for Al/PEX and Al/PERT / chrome

Pack no. 110 / chrome / Code: O37CPA-110

Connection to Al/PEX, Al/PERT pipes \varnothing 16 \times 2 mm

Thermostatic head / chrome

Direct thermostatic valve and lockshield valve / chrome

Clamping fittings for Al/PEX and Al/PERT / chrome

Pack no. 112 / inox / Code: O37NPA-112

Connection to Al/PEX, Al/PERT pipes \varnothing 16 \times 2 mm

Thermostatic head / inox

Direct thermostatic valve and lockshield valve / inox

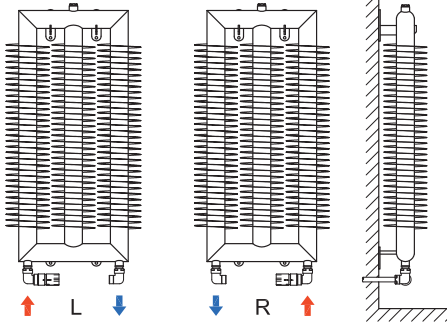
Clamping fittings for Al/PEX and Al/PERT / inox

Thermostatic set angular - triax

white
chrome
inox

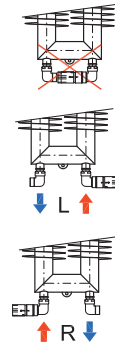


illustration image

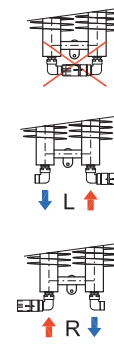


Models with reverse installation

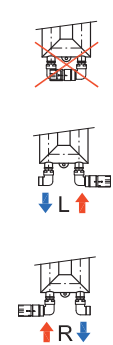
FAT2 Ø32×92
FAT2 Ø57×137



FAO2 Ø32×92
FAO2 Ø57×137



HFAT2 Ø32, Ø57
HFAT2 Ø76, Ø89
HFAT3 Ø32



Pack no. 101L / white / left / Code: O37BUCL101

Pack no. 101R / white / right / Code: O37BUCR101

Connection to copper pipes ø 15 mm

Thermostatic head / white

Angular thermostatic valve and lockshield valve / white

Clamping fittings for copper pipes / chrome

Pack no. 103L / chrome / left / Code: O37CUCL103

Pack no. 103R / chrome / right / Code: O37CUCR103

Connection to copper pipes ø 15 mm

Thermostatic head / chrome

Angular thermostatic valve and lockshield valve / chrome

Clamping fittings for copper pipes / chrome

Pack no. 105L / inox / left / Code: O37NUCL105

Pack no. 105R / inox / right / Code: O37NUCR105

Connection to copper pipes ø 15 mm

Thermostatic head / inox

Angular thermostatic valve and lockshield valve / inox

Clamping fittings for copper pipes / inox

Pack no. 102L / white / left / Code: O37BUAL102

Pack no. 102R / white / right / Code: O37BUAR102

Connection to Al/PEX, Al/PERT pipes ø 16×2 mm

Thermostatic head / white

Angular thermostatic valve and lockshield valve / white

Clamping fittings for Al/PEX and Al/PERT / chrome

Pack no. 104L / chrome / left / Code: O37CUAL104

Pack no. 104R / chrome / right / Code: O37CUAR104

Connection to Al/PEX, Al/PERT pipes ø 16×2 mm

Thermostatic head / chrome

Angular thermostatic valve and lockshield valve / chrome

Clamping fittings for Al/PEX and Al/PERT / chrome

Pack no. 106L / inox / left / Code: O37NUAL106

Pack no. 106R / inox / right / Code: O37NUAR106

Connection to Al/PEX, Al/PERT pipes ø 16×2 mm

Thermostatic head / inox

Angular thermostatic valve and lockshield valve / inox

Clamping fittings for Al/PEX and Al/PERT / inox

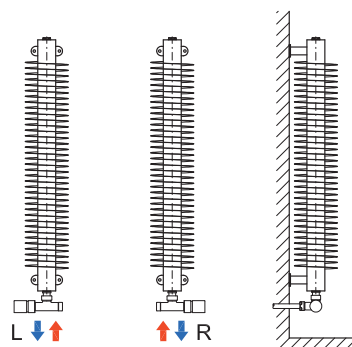
Thermostatic valve single-point connection corner thermostatic valve

The single-point thermostatic valve is only suitable for vertical models Spiral **FA1** and **HFA1** with a diameter of **ø 57, 76, 89** and **108**, where the internal structure is adapted

white
chrome
inox



illustration image



Pack no. 145L / white / left / Code: O37BWCL145

Pack no. 145R / white / right / Code: O37BWCR145

Connection to copper pipes ø 15 mm

Thermostatic head / white

Corner thermostatic valve and lockshield valve / white

Clamping fittings for copper pipes / chrome

Pack no. 147L / chrome / left / Code: O37CWCL147

Pack no. 147R / chrome / right / Code: O37CWCR147

Connection to copper pipes ø 15 mm

Thermostatic head / chrome

Corner thermostatic valve and lockshield valve / chrome

Clamping fittings for copper pipes / chrome

Pack no. 149L / inox / left / Code: O37NWCL149

Pack no. 149R / inox / right / Code: O37NWCR149

Connection to copper pipes ø 15 mm

Thermostatic head / inox

Corner thermostatic valve and lockshield valve / inox

Clamping fittings for copper pipes / inox

Pack no. 146L / white / left / Code: O37BWAL146

Pack no. 146R / white / right / Code: O37BWAR146

Connection to Al/PEX, Al/PERT pipes ø 16×2 mm

Thermostatic head / white

Corner thermostatic valve and lockshield valve / white

Clamping fittings for Al/PEX and Al/PERT / chrome

Pack no. 148L / chrome / left / Code: O37CWAL148

Pack no. 148R / chrome / right / Code: O37CWAR148

Connection to Al/PEX, Al/PERT pipes ø 16×2 mm

Thermostatic head / chrome

Corner thermostatic valve and lockshield valve / chrome

Clamping fittings for Al/PEX and Al/PERT / chrome

Pack no. 150L / inox / left / Code: O37NWAL150

Pack no. 150R / inox / right / Code: O37NWAR150

Connection to Al/PEX, Al/PERT pipes ø 16×2 mm

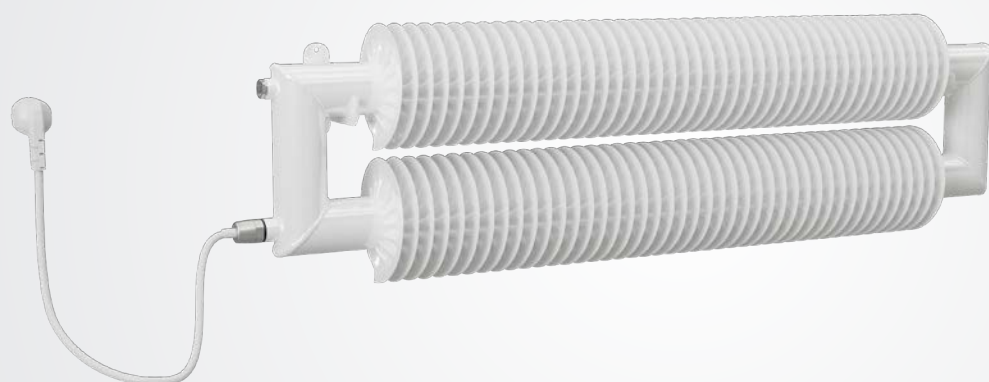
Thermostatic head / inox

Corner thermostatic valve and lockshield valve / inox

Clamping fittings for Al/PEX and Al/PERT / inox

Favier Electro

Electricity is ubiquitous, offering us far more options as to the placement of the “helix”. Favier Electro is a stand-alone heating unit connected to the mains. Common installation locations include hallways, dressing rooms, garages, workshops, restaurant central pillars, underneath waiting room benches, basically anywhere electricity is available. The distinctive industrial design will add a touch of originality to your interior, while the wide range of available colours will allow you to stylishly incorporate the radiator into the surrounding space. It can be ordered with or without a controller to be connected to your own SMART system.



△ Favier FAT2-W



△ Favier FA1-V

Basic specifications

Material	strip steel coiled on a thick-walled steel pipe, filled with operating fluid and fitted with a heating rod
Models	FA1, FAT2, FAO2
Tube × fin diameter	Ø57×137 mm, Ø76×156 mm
Length	500–2 000 mm (in step 250 mm)
Horizontal mounting	floor and wall
Vertical mounting	wall
Base colour	snow white RAL 9016 (colour code - 01)
Additional colours	as per AG Favier Line and the basic RAL colour charts

Operating conditions

Operating voltage	230 V AC, 50/60 Hz
Protection	IPX4
Control / regulation	thermostat, regulator or basic without control
Ambient conditions	ambient temperature +2 to +40 °C relative humidity 20-70%

Control

Rio, Neo, Vision	LCD thermostat with weekly programming
Solo, Mini PW	radiator power regulator
Basic Z heating rod	heating rod without regulation

Electricity takes the leading role

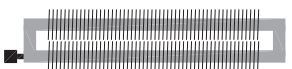


△ Spiral RA02-F

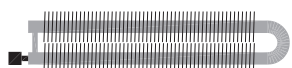
Horizontal models



FA1



FAT2

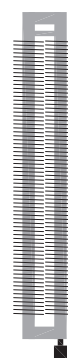


FAO2

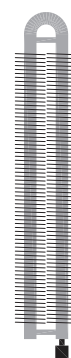
Vertical models



FA1



FAT2



FAO2

Favier Electro heating output

The heating output of electric Favier units is determined by the power input of the heating rod.

Max. recommended power input [W]

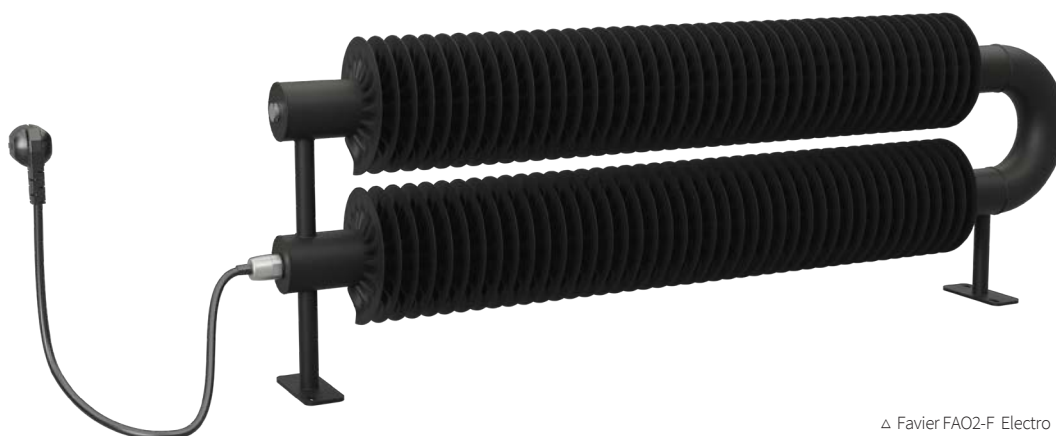
Vertical models

Type	Model	Length [mm] / Max. recommended power input [W]						
		500	750	1000	1250	1500	1750	2000
FA1	Ø57x137	200	200	300 ¹⁾	300 ¹⁾	400	400	500 ²⁾
FA1	Ø76x156	200	200	300 ¹⁾	300 ¹⁾	400	500 ²⁾	600
FAT2, FAO2	Ø57x137	200	300 ¹⁾	400	500 ²⁾	600	700 ³⁾	800
FAT2, FAO2	Ø76x156	200	400	500 ²⁾	600	700 ³⁾	900 ⁴⁾	1000

Horizontal models

Type	Model	Length [mm] / Max. recommended power input [W]						
		500	750	1000	1250	1500	1750	2000
FA1	Ø57x137	200	300 ¹⁾	400	400	500 ²⁾	600	700 ³⁾
FA1	Ø76x156	200	300 ¹⁾	400	500 ²⁾	600	700 ³⁾	800
FAT2, FAO2	Ø57x137	300 ¹⁾	400	600	700 ³⁾	900 ⁴⁾	1000	1200
FAT2, FAO2	Ø76x156	300 ¹⁾	500 ²⁾	700 ³⁾	900 ⁴⁾	1000	1200	1200

Note: if a rod with the specified power is not available for the selected type of regulation, the nearest lower input power is installed.
 Installed power inputs Nexus series: ¹⁾ 200 W; ²⁾ 400 W; ³⁾ 600 W; ⁴⁾ 800 W



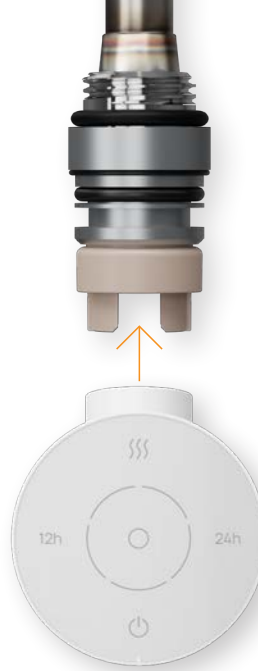
△ Favier FAO2-F Electro

Regulators

Regulators with Nexus system

The innovative heating rod - regulator connection facilitates the replacement of the existing regulator for a new one with a different design or improved functions. Our range includes basic regulators, regulators with advanced functions or Wi-Fi connectivity.

nexus
easy connect



NEW PRODUCT

Benefits



Nexus system heating rod compatibility with any Nexus regulator



quick and easy installation*

*Installation may only be performed by qualified persons

Solo

A basic regulator with Nexus system designed for electric dryers controlled by touch buttons. It supports various operating modes, including timer, boost and antifreeze. The timer activates the heating function every 12 or 24 hours.



Order code: O30-1S000G01-01_EN

Order code: O30-1S000G80-01_EN

Technical data

Operating modes	
· timer 12 h and timer 24 h	· antifreeze
· manual	· lock screen
· stand-by	· factory reset
· boost	
Power range	5 levels adjustable by settings based on electric heating element power capacity
Installation (vertical models)	on the right side (on the left side - must be specified in the order)
Connection system	Nexus
Connection	straight 120 cm electric cable terminated with a plug
Display type	capacitive touchscreen interface
Colour of display	white/black
Colour of regulator	chrome/white
Protection zone	2 and 3
Available heating rods	200 W-1 200 W
Dimensions	61.5 × 70 × 50 mm
Power supply	230 V/ 50 Hz
Protection category	I
Degree of protection	IPX4
Working temperature	0°-40°C
Max humidity level	RH 85% at 25°C (without condensation)

Rio



A stylish regulator with Nexus system for electric radiators with an easy-to-read backlit LCD display and intuitive control. Its shape lends itself to being used with all designer radiators. Operating modes such as ECO, weekly programming, open window detection and a built-in temperature sensor help reduce heating costs. Available in a WIFI version that allows the regulator to be controlled using a mobile app.



Order code: O30-1S000Q01-01_EN

Order code: O30-1S000F01-01_EN (WIFI)

Order code: O30-1S000Q80-01_EN

Order code: O30-1S000F80-01_EN (WIFI)

Technical data

Operating modes	
· comfort	· antifreeze
· ECO	· boost
· weekly program	· keyboard lock
· open window detection	· factory reset
Temperature range of room	+7°C to +25°C
Installation (vertical models)	on the right side (on the left side - must be specified in the order)
Connection system	Nexus
Connection	straight 120 cm electric cable terminated with a plug
Display type	LCD with backlit
Colour of regulator	white/chrome
Protection zone	2 and 3
Available heating rods	200 W-1200 W
Dimensions	61.5 × 70 × 50 mm
Power supply	230 V/ 50 Hz
Protection category	I
Degree of protection	IPX4
Working temperature	0°-40°C
Max humidity level	RH 85% at 25°C (without condensation)
WIFI connection	available WIFI version

Neo



A stylish regulator with Nexus system for electric radiators with an easy-to-read backlit LCD display and intuitive control. The tilt of the display improves its readability and facilitates operation. Operating modes such as ECO, weekly programming, open window detection and a built-in temperature sensor help reduce heating costs. Available in a WIFI version that allows the regulator to be controlled using a mobile app.



Order code: O30-1S000Y01-01_EN
Order code: O30-1S000X01-01_EN (WIFI)



Order code: O30-1S000Y80-01_EN
Order code: O30-1S000X80-01_EN (WIFI)

Technical data

Operating modes

- comfort
- ECO
- weekly program
- open window detection

Temperature range of room

Working temperature

Installation (vertical models)

Connection system

Connection

- antifreeze
- boost
- keyboard lock
- factory reset

+7°C to +25°C

0°–40°C

on the right side

Nexus

straight 120 cm electric cable terminated with a plug

Display type

Colour of regulator

Protection zone

Available heating rods

Dimensions

Power supply

Protection category

Degree of protection

Max humidity level

WIFI connection

LCD with backlit

white/chrome

2 and 3

200 W–1 200 W

140 × 66 × 60 mm

230 V/ 50 Hz

I

IPX4

RH 85% at 25°C (without condensation)

available WIFI version

Other regulators

Z heating rod

Z heating rod, without a regulator. Standard right lower flow pipe installation. Left-side installation requirement must be specified in the order.



Technical data

Working voltage	230 V/50 Hz
Protection category	I
Degree of protection	IP44
Installation (vertical models)	on the right side (on the left - must be specified in the order)
Connection thread	G 1/2" outer
Connection	coiled 120 cm electric cable terminated with a plug
Colour of cable	white/black

Mini PW

A basic regulator with a dial for controlling the dryer output at a scale of 20 to 100% of the rated output. In the min. position the regulator is OFF, while in the max. position it remains constantly ON.



Technical data

Working voltage	230 V/50 Hz
Protection category	I
Degree of protection	IPX4
Working temperature	0-50°C
Working humidity	0-85 % (without condensation)
Power range	20-100 % of the nominal output of towel dryer
Installation (vertical models)	on the right side (on the left side - must be specified in the order)
Connection thread	G 1/2" outer (on the heating rod)
Connection	straight 120 cm electric cable terminated with a plug
Colour of regulator	white/chrome
Colour of cable	white/grey
Protection zone	2 and 3
Available heating rods	200 W-1 200 W
Dimensions	65 × 75 × 40 mm

Technical part

Favier radiators heating outputs

Reference weigh

Reference heating medium volume

Favier mounting

Favier technical drawings

Favier Horizontal - WALL

Favier Horizontal - FLOOR

Favier Horizontal - SELFSTANDING

Favier Vertical - WALL

Favier Horizontal without fins - WALL

Favier Horizontal without fins - FLOOR

Favier Horizontal without fins - SELFSTANDING

Favier Vertical without fins - WALL

Favier Electro Horizontal - WALL

Favier Electro Horizontal - FLOOR

Connection options for spiral radiators

Next atypical designs of radiators

How to order Favier radiators

Colour Reference Chart

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Favier radiators heating outputs

Favier Horizontal heating output

Detailed heating outputs of Favier Horizontal in lengths of 500 - 6000 mm for temperature gradients $\Delta T = 60$ K, $\Delta T = 50$ K, $\Delta T = 42.5$ K, $\Delta T = 30$ K are shown in the tables on pages 20–23

Heating output of Favier modifications

Favier Vertical

The heating output of the vertical Spiral models is about 30 % lower than that of horizontal units.

Stainless-steel Favier

The heat output of stainless-steel models is about 35 % lower than that of conventional steel units.

Galvanized zinc Favier

The heating output of galvanized zinc models is about 10 % lower than that of conventional steel units.

Favier without fins

The heating output of models without the ribbing is about 60-80 % lower than that of standard design units.

Ø 32 -80 % Ø 57 -75 % Ø 76 -70 % Ø 89 -65 % Ø 108 -60 %

How to calculate the heating output of a combination of Favier modifications

The output reduction of the Favier modification is multiplied when the designs are combined.

E.g. the galvanized Favier Vertical output = the horizontal output x 0,7x0,9.

How to recalculate heating output to a different temperature gradient

Parameters

T1 / T2 / Ti [°C] T1 [°C] - inlet temperature of the heating medium
T2 [°C] - outlet temperature of the heating medium
Ti [°C] - room temperature

Heating output at a different temperature gradient

$$Q [W] = Q_{\Delta T50} [W] \cdot \left(\frac{\Delta T [K]}{50} \right)^{n[-]}, \text{ where } \Delta T [K] = \frac{T1 [^{\circ}C] + T2 [^{\circ}C]}{2} - Ti [^{\circ}C]$$

Example: **Required performance for FAT2 57x137 length 2000 mm for parameters 70/60/20 °C**

Input parameters: FAT2, model 57x137, L=2000 mm, $Q_{\Delta T50} = 1299$ W, $n = 1,2797$ [-] (see page 21)

$$Q_{\Delta T45} [W] = 1299 [W] \cdot \left(\frac{45 [K]}{50 [K]} \right)^{1,2797 [-]} = 1135 \text{ W, where } \Delta T [K] = \frac{70+60}{2} - 20 [^{\circ}C] = 45 \text{ K}$$

Calculated heating output 70/60/20°C:

$$Q_{\Delta T45} = 1135 \text{ W}$$

The calculation is according to the EN422-2 standard. More accurate calculations may vary slightly.

Reference weight: Favier ELECTRO Horizontal and Vertical



Length 500–2 000 mm

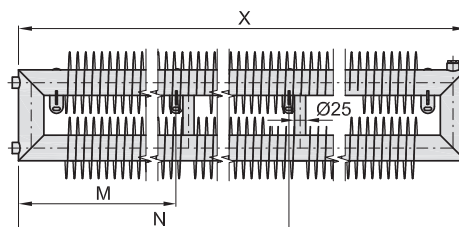
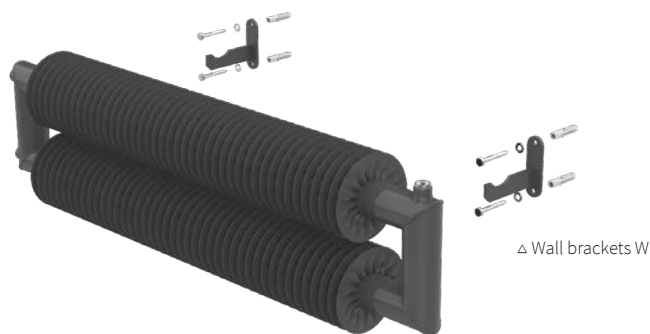
Type	Model	Length [mm] / Weight [kg]						
		500	750	1000	1250	1500	1750	2000
FA1	Ø57x137	5,0	8,0	10,5	13,5	16,5	19,5	22,0
	Ø76x156	6,5	10,5	14,0	17,5	21,0	25,0	28,5
FAT2	Ø57x137	9,5	15,5	21,0	27,0	32,5	38,0	44,0
	Ø76x156	13,0	20,5	27,5	35,0	42,0	49,5	56,5
FAO2	Ø57x137	9,0	14,5	20,5	26,0	32,0	37,5	43,0
	Ø76x156	12,0	19,5	26,5	34,0	41,0	48,5	55,5

The weight of the radiator filled with heating liquid

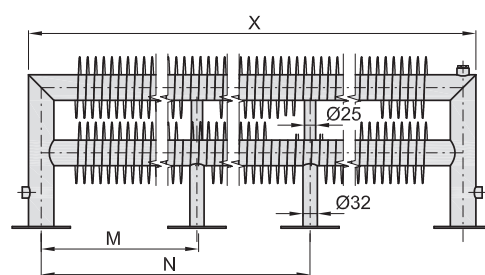
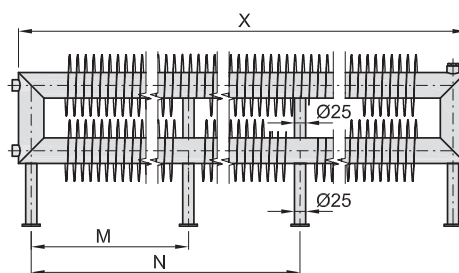
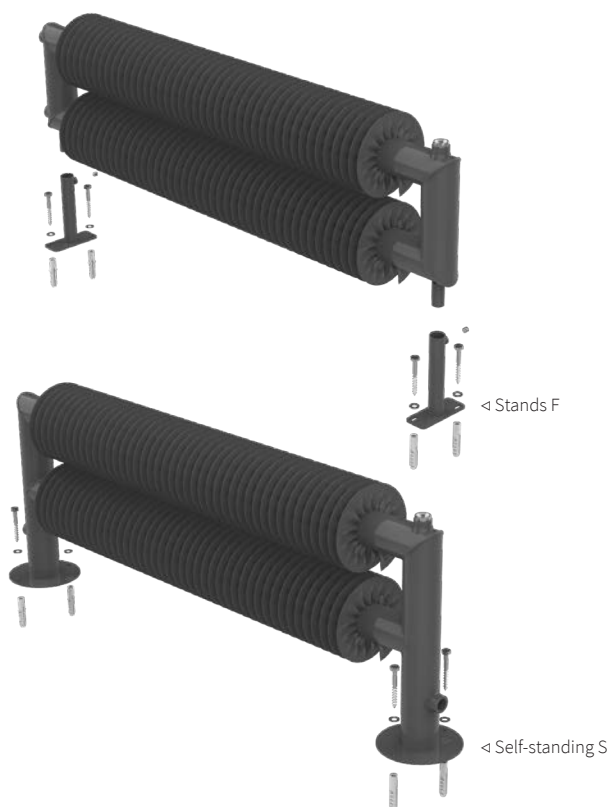
Favier mounting

Favier Horizontal

Wall-mounted



Floor-mounted



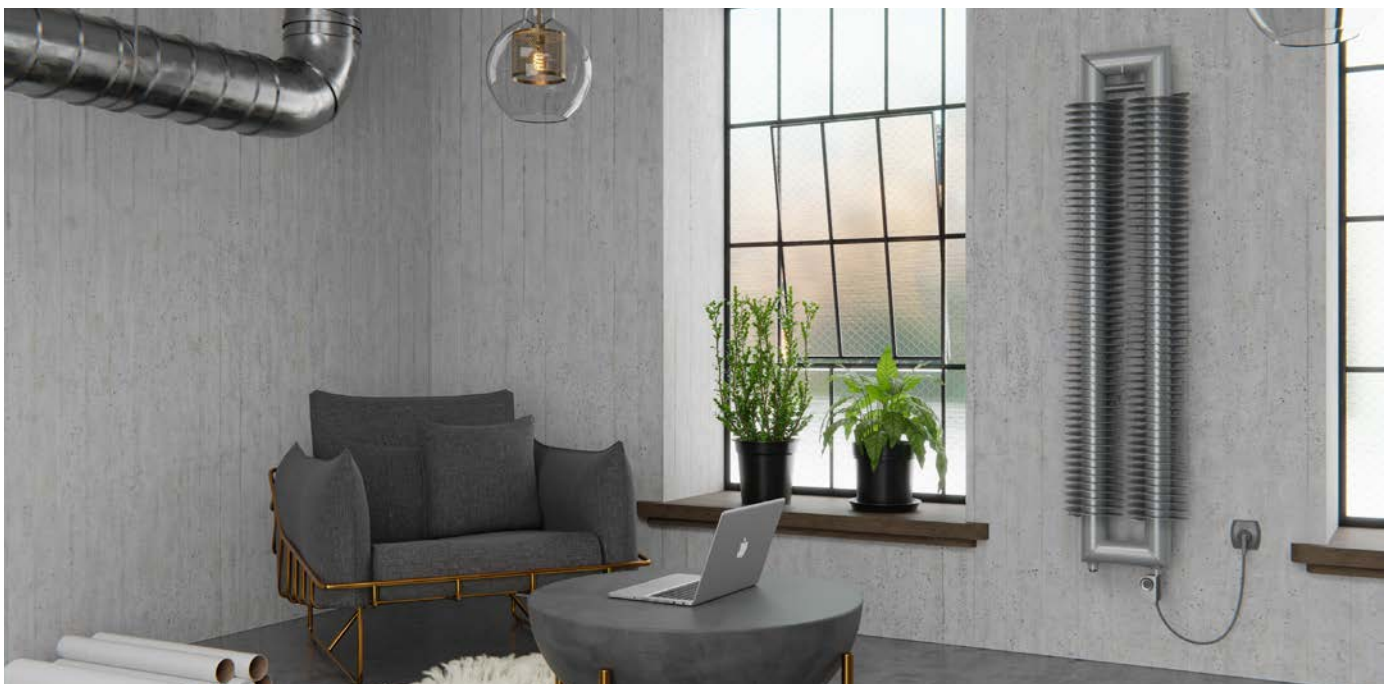
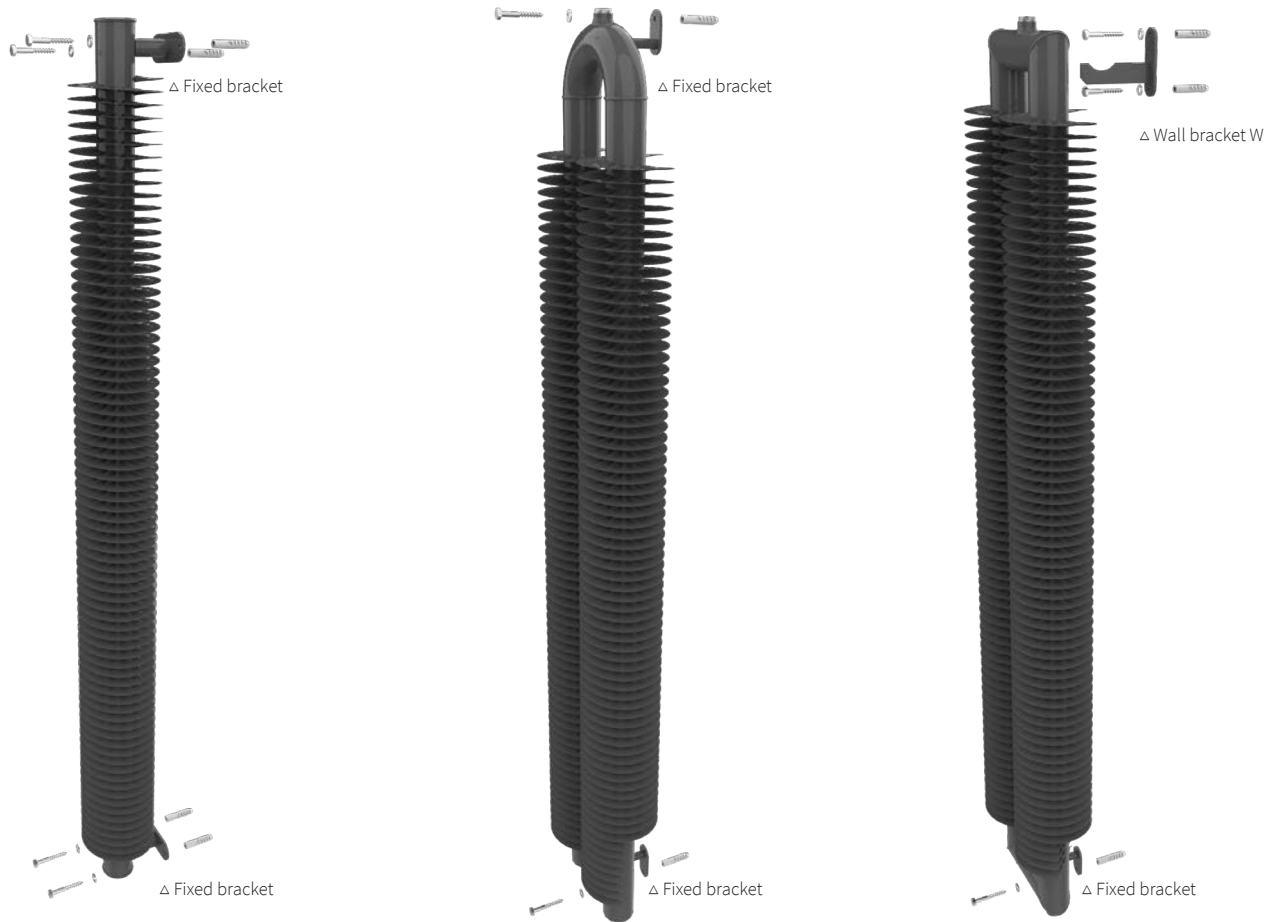
Range of Spiral lengths and spacing of mounting elements

Model	M = 0, N = 0	M = ~ X/2, N = 0	M = ~ 1/3X, N = ~ 2/3X
Ø32	500-2900 mm	2901-4500 mm	4501-6000 mm
Ø57, Ø76, Ø89, Ø108	500-3000 mm	3001-4500 mm	4501-6000 mm

Spiral mounting

Favier Vertical

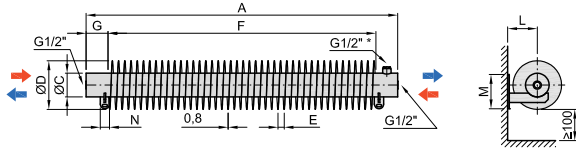
Wall-mounted



Favier technical drawings

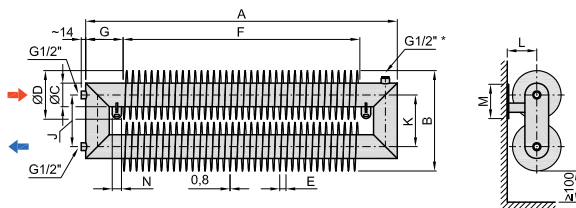
Favier Horizontal - WALL

FA1-W



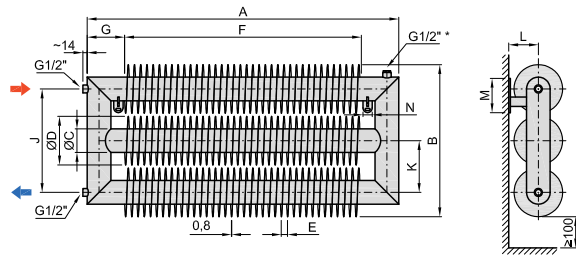
FA1-W	Ø32 x Ø92	Ø57 x Ø137	Ø76 x Ø156	Ø89 x Ø169	Ø108 x Ø188
A	500-6000				
B	-	-	-	-	-
C	32	57	76	89	108
D	92	137	156	169	188
E	10	18	20	20	20
F	A-100	A-140	A-140	A-140	A-140
G	50	70	70	70	70
J	-	-	-	-	-
L	60	85	95	102	111
M	90	100	110	115	125
N	25	30	30	30	35

FAT2-W



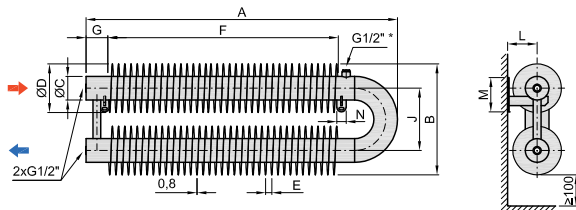
FAT2-W	Ø32 x Ø92	Ø57 x Ø137	Ø76 x Ø156	Ø89 x Ø169	Ø108 x Ø188
A	500-6000				
B	197	283	322	348	386
C	32	57	76	89	108
D	92	137	156	169	188
E	10	18	20	20	20
F	A-130	A-220	A-240	A-260	A-300
G	65	110	120	130	150
J	103	146	166	179	198
K	105	146	166	179	198
L	60	85	95	102	111
M	90	100	110	115	125
N	25	30	30	30	35

FAT3-W



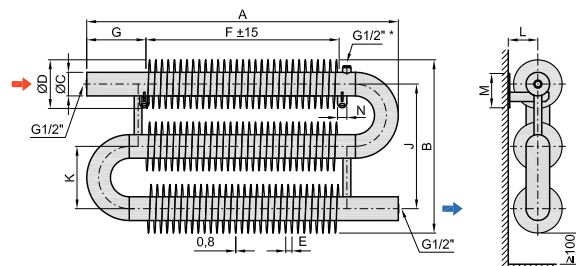
FAT3-W	Ø32 x Ø92	Ø57 x Ø137	Ø76 x Ø156	Ø89 x Ø169	Ø108 x Ø188
A	500-6000				
B	302	429	488	527	584
C	32	57	76	89	108
D	92	137	156	169	188
E	10	18	20	20	20
F	A-130	A-220	A-240	A-260	A-300
G	65	110	120	130	150
J	208	292	332	358	396
K	105	146	166	179	198
L	60	85	95	102	111
M	90	100	110	115	125
N	25	30	30	30	35

FAO2-W



FAO2-W	Ø32 x Ø92	Ø57 x Ø137	Ø76 x Ø156	Ø89 x Ø169	Ø108 x Ø188
A	500-6000				
B	187	282 (312**)	356 (351**)	400	478
C	32	57	76	89	108
D	92	137	156	169	188
E	10	18	20	20	20
F	A-160	A-230	A-260	A-280	A-310
G	50	70	70	70	70
J	95	145 (175**)	200 (195**)	231	290
L	60	85	95	102	111
M	90	100	110	115	125
N	25	30	30	30	35

FAO3-W



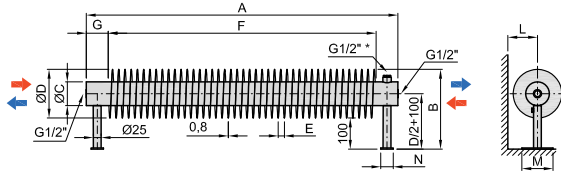
FAO3-W	Ø32 x Ø92	Ø57 x Ø137	Ø76 x Ø156	Ø89 x Ø169	Ø108 x Ø188
A	500-6000				
B	282	427 (487**)	556 (546**)	631	768
C	32	57	76	89	108
D	92	137	156	169	188
E	10	18	20	20	20
F	A-220	A-300	A-380	A-420	A-480
G	110	150	190	210	240
J	190	290 (350**)	400 (390**)	462	580
K	95	145 (175**)	200 (195**)	231	290
L	60	85	95	102	111
M	90	100	110	115	125
N	25	30	30	30	35

Dimension tolerance: **F** (fins length) +/- 15 mm / **J** (connection spacing) +/- 2,5 mm

* airvent valve ** stainless steel construction, only ø32, 57 and 76 mm

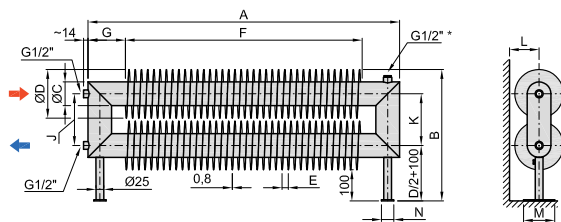
Favier Horizontal - FLOOR

FA1-F



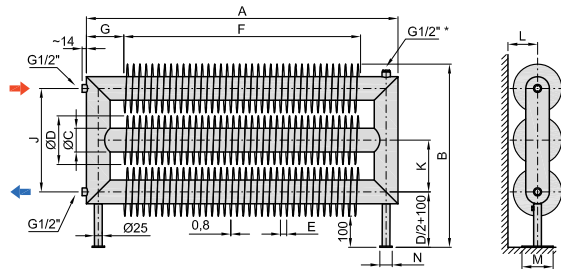
FA1-F	Ø32 x Ø92	Ø57 x Ø137	Ø76 x Ø156	Ø89 x Ø169	Ø108 x Ø188
A	500-6000				
B	192	237	256	269	288
C	32	57	76	89	108
D	92	137	156	169	188
E	10	18	20	20	20
F	A-100	A-140	A-140	A-140	A-140
G	50	70	70	70	70
J	-	-	-	-	-
L	≥60	≥85	≥95	≥102	≥111
M	100	100	100	160	160
N	40	40	40	60	60

FAT2-F



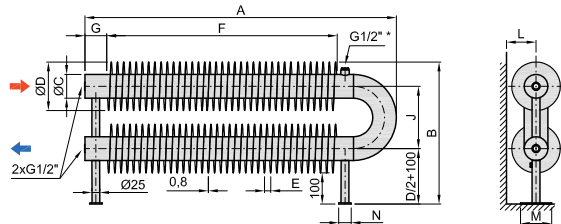
FAT2-F	Ø32 x Ø92	Ø57 x Ø137	Ø76 x Ø156	Ø89 x Ø169	Ø108 x Ø188
A	500-6000				
B	297	383	422	448	486
C	32	57	76	89	108
D	92	137	156	169	188
E	10	18	20	20	20
F	A-130	A-220	A-240	A-260	A-300
G	65	110	120	130	150
J	103	146	166	179	198
K	105	146	166	179	198
L	≥60	≥85	≥95	≥102	≥111
M	100	100	100	160	160
N	40	40	40	60	60

FAT3-F



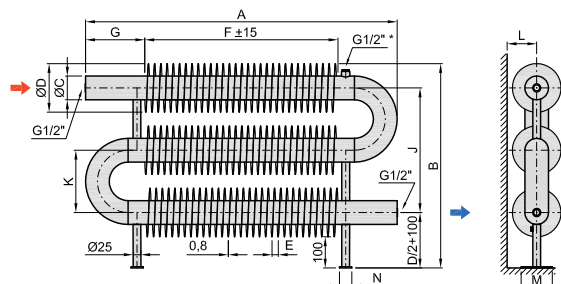
FAT3-F	Ø32 x Ø92	Ø57 x Ø137	Ø76 x Ø156	Ø89 x Ø169	Ø108 x Ø188
A	500-6000				
B	402	529	588	627	684
C	32	57	76	89	108
D	92	137	156	169	188
E	10	18	20	20	20
F	A-130	A-220	A-240	A-260	A-300
G	65	110	120	130	150
J	208	292	332	358	396
K	105	146	166	179	198
L	≥60	≥85	≥95	≥102	≥111
M	100	100	100	160	160
N	40	40	40	60	60

FAO2-F



FAO2-F	Ø32 x Ø92	Ø57 x Ø137	Ø76 x Ø156	Ø89 x Ø169	Ø108 x Ø188
A	500-6000				
B	287	382 (412**)	456 (451**)	500	578
C	32	57	76	89	108
D	92	137	156	169	188
E	10	18	20	20	20
F	A-160	A-230	A-260	A-280	A-310
G	50	70	70	70	70
J	95	145 (175**)	200 (195**)	231	290
L	60	85	95	≥102	≥111
M	100	100	100	160	160
N	40	40	40	60	60
N	25	30	30	30	35

FAO3-F



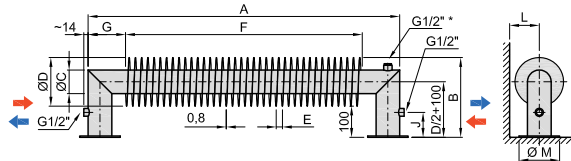
FAO3-F	Ø32 x Ø92	Ø57 x Ø137	Ø76 x Ø156	Ø89 x Ø169	Ø108 x Ø188
A	500-6000				
B	382	527 (587**)	656 (646**)	731	868
C	32	57	76	89	108
D	92	137	156	169	188
E	10	18	20	20	20
F	A-220	A-300	A-380	A-420	A-480
G	110	150	190	210	240
J	190	290 (350**)	400 (390**)	462	580
K	95	145 (175**)	200 (195**)	231	290
L	≥60	≥85	≥95	≥102	≥111
M	100	100	100	160	160
N	40	40	40	60	60

Dimension tolerance: **F** (fins length) +/- 15 mm / **J** (connection spacing) +/- 2,5 mm

* airvent valve ** stainless steel construction, only ø32, 57 and 76 mm

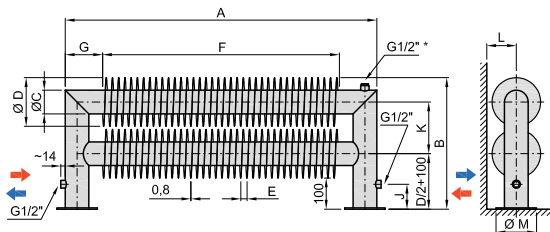
Favier Horizontal - SELFSTANDING

FA1-S



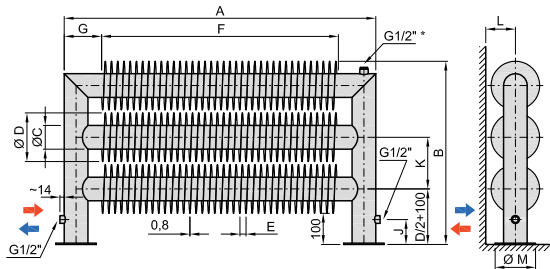
FA1-S	Ø32 x Ø92	Ø57 x Ø137	Ø76 x Ø156	Ø89 x Ø169	Ø108 x Ø188
A	500-6000				
B	192	237	256	269	288
C	32	57	76	89	108
D	92	137	156	169	188
E	10	18	20	20	20
F	A-130	A-220	A-240	A-260	A-300
G	65	110	120	130	150
J	80	80	80	80	80
L	≥60	≥85	≥95	≥102	≥111
M	76	130	130	150	150
N	25	30	30	30	35

FAT2-S



FAT2-S	Ø32 x Ø92	Ø57 x Ø137	Ø76 x Ø156	Ø89 x Ø169	Ø108 x Ø188
A	500-6000				
B	297	383	422	448	486
C	32	57	76	89	108
D	92	137	156	169	188
E	10	18	20	20	20
F	A-130	A-220	A-240	A-260	A-300
G	65	110	120	130	150
J	80	80	80	80	80
K	105	146	166	179	198
L	≥60	≥85	≥95	≥102	≥111
M	76	130	130	150	150
N	-	-	-	-	-

FAT3-S



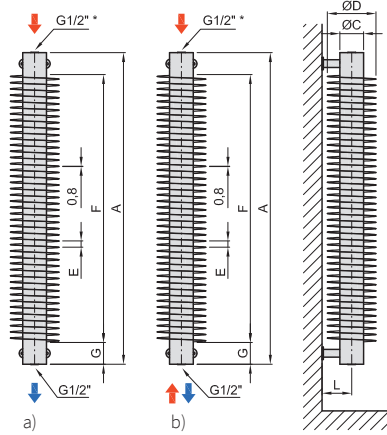
FAT3-S	Ø32 x Ø92	Ø57 x Ø137	Ø76 x Ø156	Ø89 x Ø169	Ø108 x Ø188
A	500-6000				
B	402	529	588	627	684
C	32	57	76	89	108
D	92	137	156	169	188
E	10	18	20	20	20
F	A-130	A-220	A-240	A-260	A-300
G	65	110	120	130	150
J	80	80	80	80	80
K	105	146	166	179	198
L	≥60	≥85	≥95	≥102	≥111
M	76	130	130	150	150
N	-	-	-	-	-

Dimension tolerance: **F** (fins length) +/- 15 mm / **J** (connection spacing) +/- 2,5 mm

* airvent valve ** stainless steel construction, only ø32, 57 and 76 mm

Favier Vertical - WALL

FA1-V

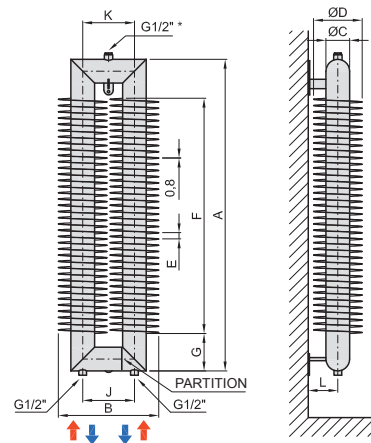


The unit does not have an air-vent valve, it is necessary to vent on the upper inlet pipe a) or use a single-point valve b)

FA1-V	Ø32 x Ø92	Ø57 x Ø137	Ø76 x Ø156	Ø89 x Ø169	Ø108 x Ø188
A	500-2500				
B	-	-	-	-	-
C	32	57	76	89	108
D	92	137	156	169	188
E	10	18	20	20	20
F	A-100	A-140	A-140	A-140	A-140
G	50	70	70	70	70
J	-	-	-	-	-
K	-	-	-	-	-
L	60	85	95	102	111
N	40	40	40	60	60

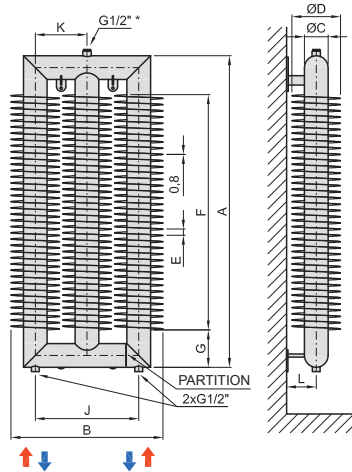
Note: option b) is not available for the Ø32 mm

FAT2-V



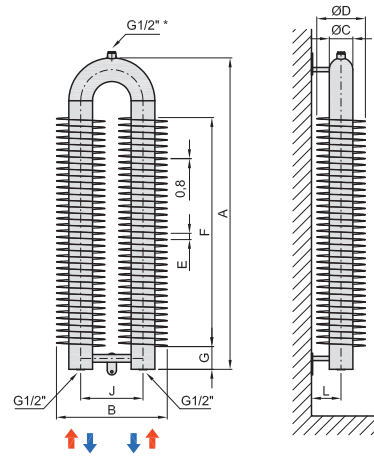
FAT2-V	Ø32 x Ø92	Ø57 x Ø137	Ø76 x Ø156	Ø89 x Ø169	Ø108 x Ø188
A	500-2500				
B	197	283	322	348	386
C	32	57	76	89	108
D	92	137	156	169	188
E	10	18	20	20	20
F	A-130	A-220	A-240	A-260	A-300
G	65	110	120	130	150
J	103	146	166	179	198
K	105	146	166	179	198
L	60	85	95	102	111
N	40	40	40	60	60

FAT3-V



FAT3-V	Ø32 x Ø92	Ø57 x Ø137	Ø76 x Ø156	Ø89 x Ø169	Ø108 x Ø188
A	500-2500				
B	302	429	488	527	584
C	32	57	76	89	108
D	92	137	156	169	188
E	10	18	20	20	20
F	A-130	A-220	A-240	A-260	A-300
G	65	110	120	130	150
J	208	292	332	358	396
K	105	146	166	179	198
L	60	85	95	102	111
N	40	40	40	60	60

FAO2-V



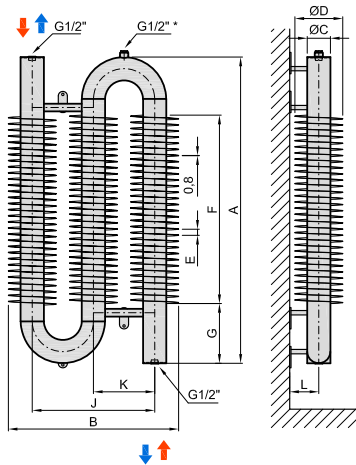
FAO2-V	Ø32 x Ø92	Ø57 x Ø137	Ø76 x Ø156	Ø89 x Ø169	Ø108 x Ø188
A	500-2500				
B	187	282 (312**)	356 (351**)	400	478
C	32	57	76	89	108
D	92	137	156	169	188
E	10	18	20	20	20
F	A-160	A-230	A-260	A-280	A-320
G	50	70	70	70	70
J	95	145 (175**)	200 (195**)	231	290
K	-	-	-	-	-
L	60	85	95	102	111
N	40	40	40	60	60

Dimension tolerance: **F** (fins length) +/- 15 mm / **J** (connection spacing) +/- 2,5 mm

*airvent valve ** stainless steel construction, only Ø32, 57 and 76 mm

Favier Vertical - WALL

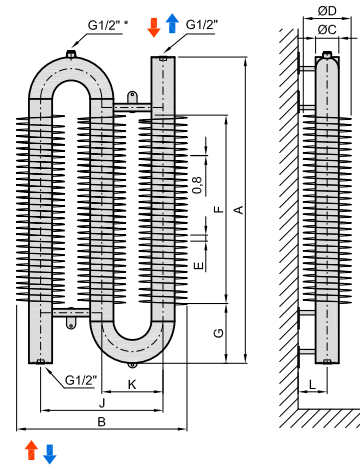
FAO3-D



The unit does not have an air-vent valve on top inlet, it is necessary to vent on the inlet pipe

	FAO3-D	Ø32 x Ø92	Ø57 x Ø137	Ø76 x Ø156	Ø89 x Ø169	Ø108 x Ø188
Dimensions [mm]	A			500-2500		
	B	282	427 (487**)	556 (546**)	631	768
	C	32	57	76	89	108
	D	92	137	156	169	188
	E	10	18	20	20	20
	F	A-220	A-300	A-380	A-420	A-500
	G	110	150	190	210	250
	J	190	290 (350**)	400 (390**)	462	580
	K	95	145 (175**)	200 (195**)	231	290
	L	60	85	95	102	111
	N	40	40	40	60	60

FAO3-B

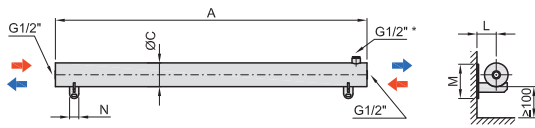


The unit does not have an air-vent valve on top inlet, it is necessary to vent on the inlet pipe

	FAO3-B	Ø32 x Ø92	Ø57 x Ø137	Ø76 x Ø156	Ø89 x Ø169	Ø108 x Ø188
Dimensions [mm]	A			500-2500		
	B	282	427 (487**)	556 (546**)	631	768
	C	32	57	76	89	108
	D	92	137	156	169	188
	E	10	18	20	20	20
	F	A-220	A-300	A-380	A-420	A-500
	G	110	150	190	210	250
	J	190	290 (350**)	400 (390**)	462	580
	K	95	145 (175**)	200 (195**)	231	290
	L	60	85	95	102	111
	N	40	40	40	60	60

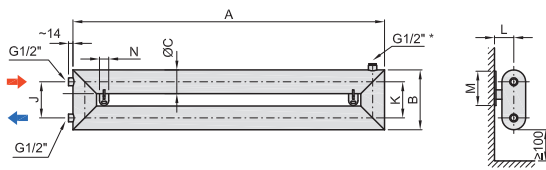
Favier Horizontal without fins - WALL

HFA1-W



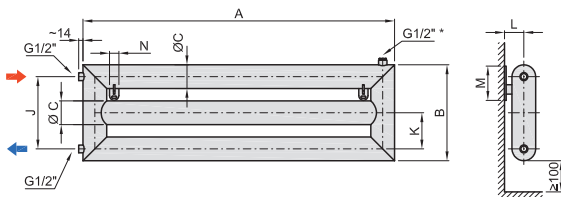
HFA1-W	Ø32	Ø57	Ø76	Ø89	Ø108	
Dimensions [mm]	A	500-6000				
	B	-	-	-	-	
	C	32	57	76	89	108
	J	-	-	-	-	-
	L	40	45	62	65	74
	M	90	100	110	115	125
	N	25	30	30	30	35

HFAT2-W



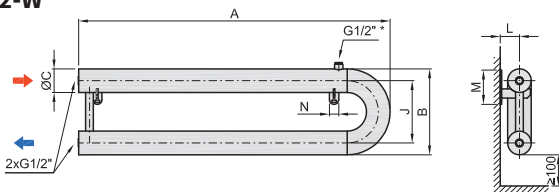
HFAT2-W	Ø32	Ø57	Ø76	Ø89	Ø108	
Dimensions [mm]	A	500-6000				
	B	104	154	192	238	276
	C	32	57	76	89	108
	J	70	97	116	149	168
	K	72	97	116	149	168
	L	40	45	62	65	74
	M	90	100	110	115	125
	N	25	30	30	30	35

HFAT3-W



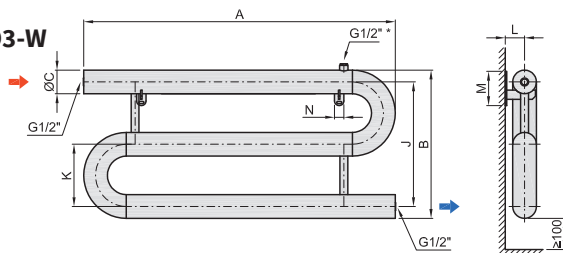
HFAT3-W	Ø32	Ø57	Ø76	Ø89	Ø108	
Dimensions [mm]	A	500-6000				
	B	176	251	308	387	444
	C	32	57	76	89	108
	J	142	194	232	298	336
	K	72	97	116	149	168
	L	40	45	62	65	74
	M	90	100	110	115	125
N	25	30	30	30	35	

HFAO2-W



HFAO2-W	Ø32	Ø57	Ø76	Ø89	Ø108	
Dimensions [mm]	A	500-6000				
	B	127	202 (232**)	276 (271**)	320	398
	C	32	57	76	89	108
	J	95	145 (175**)	200 (195**)	231	290
	L	40	45	62	65	74
	M	90	100	110	115	125
	N	25	30	30	30	35

HFAO3-W



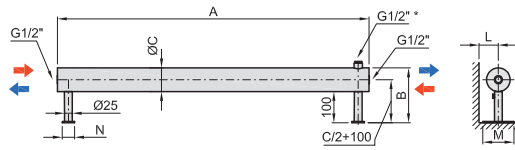
HFAO3-W	Ø32	Ø57	Ø76	Ø89	Ø108	
Dimensions [mm]	A	500-6000				
	B	222	347 (407**)	476 (466**)	551	688
	C	32	57	76	89	108
	J	190	290 (350**)	400 (390**)	462	580
	K	95	145 (175**)	200 (195**)	231	290
	L	40	45	62	65	74
	M	90	100	110	115	125
N	25	30	30	30	35	

Dimension tolerance: **F** (fins length) +/- 15 mm / **J** (connection spacing) +/- 2,5 mm

* airvent valve ** stainless steel construction, only ø32, 57 and 76 mm

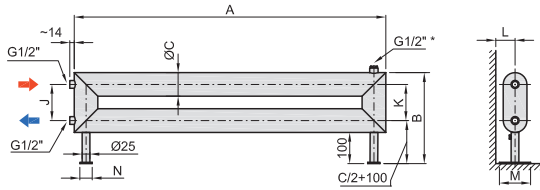
Favier Horizontal without fins - FLOOR

HFA1-F



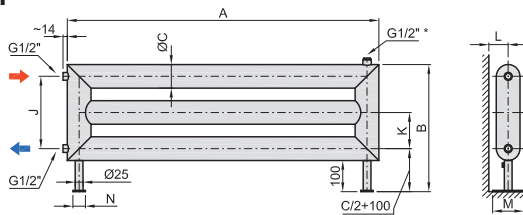
HFA1-F	Ø32	Ø57	Ø76	Ø89	Ø108	
Dimensions [mm]	A	500-6000				
	B	132	157	176	189	208
	C	32	57	76	89	108
	J	-	-	-	-	-
	L	≥62	≥62	≥62	≥92	≥92
	M	100	100	100	160	160
	N	40	40	40	60	60

HFAT2-F



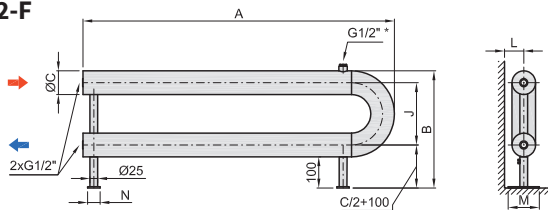
HFAT2-F	Ø32	Ø57	Ø76	Ø89	Ø108	
Dimensions [mm]	A	500-6000				
	B	204	254	292	338	376
	C	32	57	76	89	108
	J	70	97	116	149	168
	K	72	97	116	149	168
	L	≥62	≥62	≥62	≥92	≥92
	M	100	100	100	160	160
	N	40	40	40	60	60

HFAT3-F



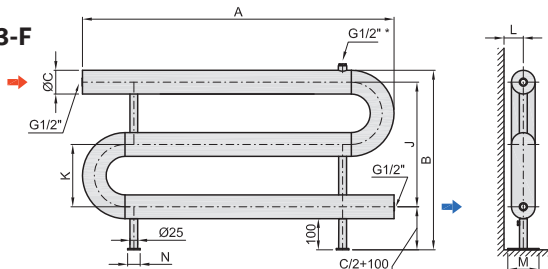
HFAT3-F	Ø32	Ø57	Ø76	Ø89	Ø108	
Dimensions [mm]	A	500-6000				
	B	276	351	408	487	544
	C	32	57	76	89	108
	J	142	194	232	298	336
	K	72	97	116	149	168
	L	≥62	≥62	≥62	≥92	≥92
	M	100	100	100	160	160
	N	40	40	40	60	60

HFAO2-F



HFAO2-F	Ø32	Ø57	Ø76	Ø89	Ø108	
Dimensions [mm]	A	500-6000				
	B	227	302 (332**)	376 (371**)	420	498
	C	32	57	76	89	108
	J	95	145 (175**)	200 (195**)	231	290
	L	≥62	≥62	≥62	≥92	≥92
	M	100	100	100	160	160
	N	40	40	40	60	60

HFAO3-F



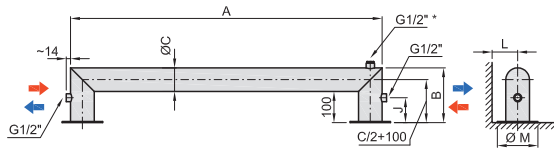
HFAO3-F	Ø32	Ø57	Ø76	Ø89	Ø108	
Dimensions [mm]	A	500-6000				
	B	322	447 (507**)	576 (566**)	651	788
	C	32	57	76	89	108
	J	190	290 (350**)	400 (390**)	462	580
	K	95	145 (175**)	200 (195**)	231	290
	L	≥62	≥62	≥62	≥92	≥92
	M	100	100	100	160	160
	N	40	40	40	60	60

Dimension tolerance: **F** (fins length) +/- 15 mm / **J** (connection spacing) +/- 2,5 mm

* airvent valve ** stainless steel construction, only Ø32, 57 and 76 mm

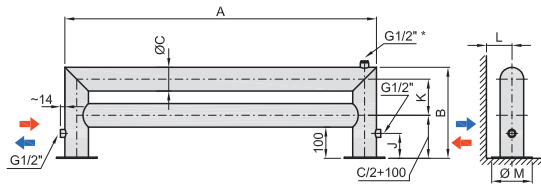
Favier Horizontal without fins - SELFSTANDING

HFA1-S



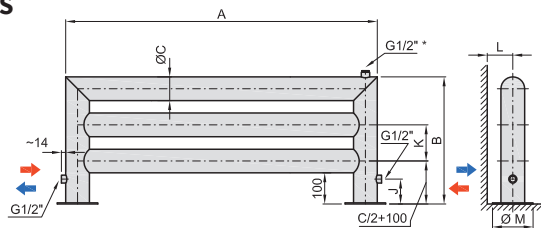
HFA1-S	Ø32	Ø57	Ø76	Ø89	Ø108
A	500-6000				
B	132	157	176	189	208
C	32	57	76	89	108
J	80	80	80	80	80
L	≥50	≥77	≥77	≥87	≥87
M	76	130	130	150	150
N	-	-	-	-	-

HFAT2-S



HFAT2-S	Ø32	Ø57	Ø76	Ø89	Ø108
A	500-6000				
B	204	254	292	338	376
C	32	57	76	89	108
J	80	80	80	80	80
K	72	97	116	149	168
L	≥50	≥77	≥77	≥87	≥87
M	76	130	130	150	150
N	-	-	-	-	-

HFAT3-S



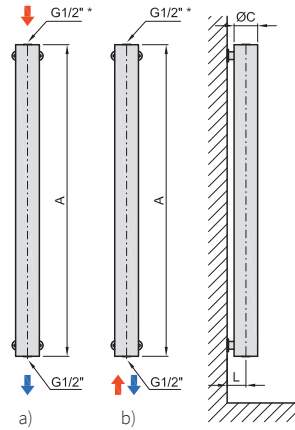
HFAT3-S	Ø32	Ø57	Ø76	Ø89	Ø108
A	500-6000				
B	276	351	408	487	544
C	32	57	76	89	108
J	80	80	80	80	80
K	72	97	116	149	168
L	≥50	≥77	≥77	≥87	≥87
M	76	130	130	150	150
N	-	-	-	-	-

Dimension tolerance: **F** (fins length) +/- 15 mm / **J** (connection spacing) +/- 2,5 mm

*airvent valve ** stainless steel construction, only ø32, 57 and 76 mm

Favier Vertical without fins - WALL

HFA1-V

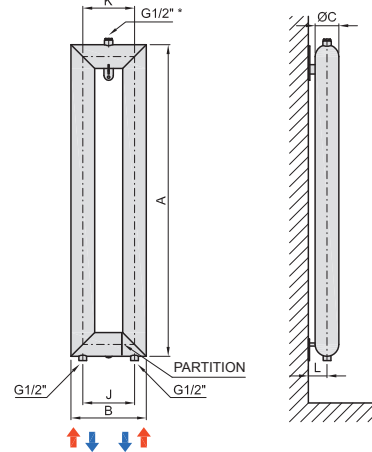


The unit does not have an air-vent valve, it is necessary to vent on the upper inlet pipe a) or use a single-point valve b)

HRA1-V		Ø32	Ø57	Ø76	Ø89	Ø108
Dimensions [mm]	A	500-2500				
	B	-	-	-	-	-
	C	32	57	76	89	108
	J	-	-	-	-	-
	K	-	-	-	-	-
	L	30	50,5	60	71,5	81

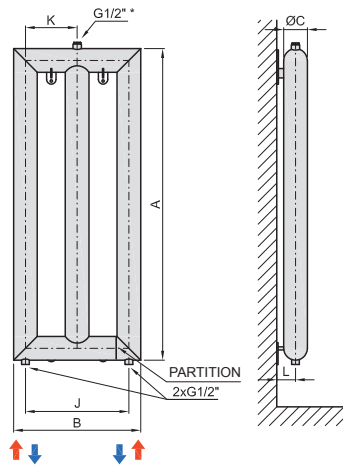
Note: option b) is not available for the ø32 mm

HFAT2-V



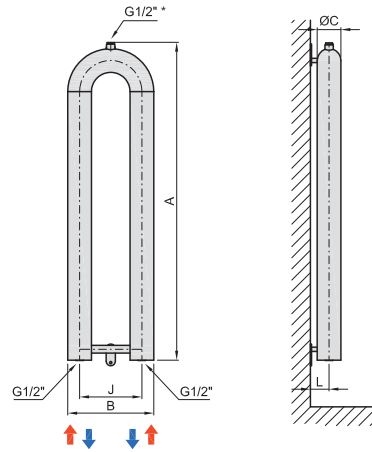
HRAT2-V		Ø32	Ø57	Ø76	Ø89	Ø108
Dimensions [mm]	A	500-2500				
	B	104	154	192	238	276
	C	32	57	76	89	108
	J	70	97	116	149	168
	K	72	97	116	149	168
	L	30	50,5	60	71,5	81

HFAT3-V



HRA3-V		Ø32	Ø57	Ø76	Ø89	Ø108
Dimensions [mm]	A	500-2500				
	B	176	251	308	387	444
	C	32	57	76	89	108
	J	142	194	232	298	336
	K	72	97	116	149	168
	L	30	50,5	60	71,5	81

HFAO2-V



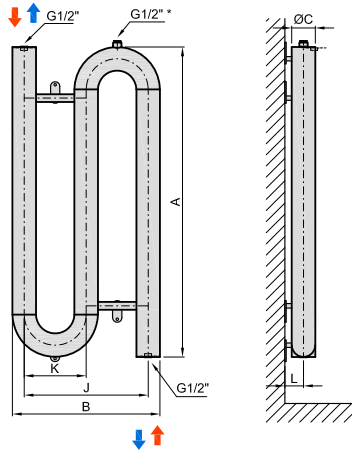
HRAO2-V		Ø32	Ø57	Ø76	Ø89	Ø108
Dimensions [mm]	A	500-2500				
	B	127	202 (232**)	276 (271**)	320	398
	C	32	57	76	89	108
	J	95	145 (175**)	200 (195**)	231	290
	K	-	-	-	-	-
	L	30	50,5	60	71,5	81

Dimension tolerance: **F** (fins length) +/- 15 mm / **J** (connection spacing) +/- 2,5 mm

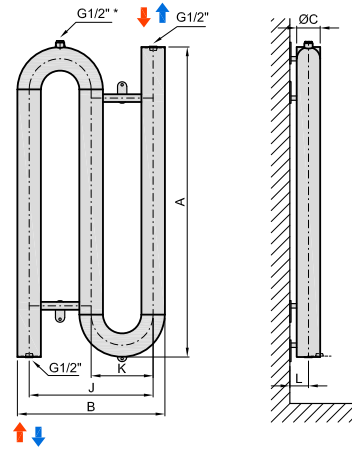
* airvent valve ** stainless steel construction, only ø32, 57 and 76 mm

Favier Vertical without fins - WALL

HFAO3-D



HFAO3-B



The unit does not have an air-vent valve on top inlet, it is necessary to vent on the inlet pipe

The unit does not have an air-vent valve on top inlet, it is necessary to vent on the inlet pipe

	HRFAO3-D	Ø32	Ø57	Ø76	Ø89	Ø108
Dimensions [mm]	A			500-2500		
	B	222	347 (407**)	476 (466**)	551	688
	C	32	57	76	89	108
	J	190	290 (350**)	400 (390**)	462	580
	K	95	145 (175**)	200 (195**)	231	290
	L	30	50,5	60	71,5	81

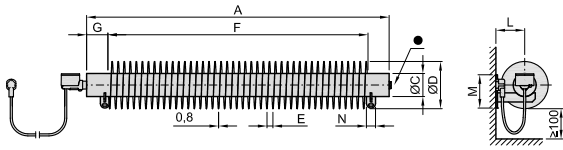
	HFAO3-B	Ø32	Ø57	Ø76	Ø89	Ø108
Dimensions [mm]	A			500-2500		
	B	222	347 (407**)	476 (466**)	551	688
	C	32	57	76	89	108
	J	190	290 (350**)	400 (390**)	462	580
	K	95	145 (175**)	200 (195**)	231	290
	L	30	50,5	60	71,5	81

Dimension tolerance: **F** (fins length) +/- 15 mm / **J** (connection spacing) +/- 2,5 mm

*airvent valve ** stainless steel construction, only ø32, 57 and 76 mm

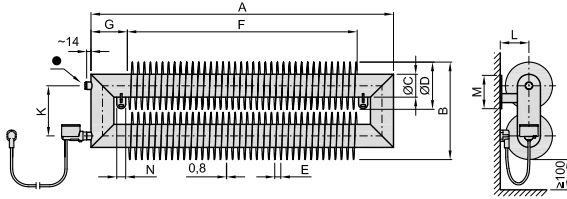
Favier Electro Horizontal - WALL

FA1-W



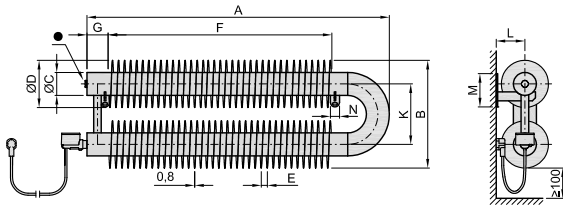
FA1-W	Ø57 × Ø137	Ø76 × Ø156
A	500-2000	
B	-	-
C	57	76
D	137	156
E	18	20
F	A-140	A-140
G	70	70
K	-	-
L	85	95
M	100	110
N	30	30

FAT2-W



FAT2-W	Ø57 × Ø137	Ø76 × Ø156
A	500-2000	
B	283	322
C	57	76
D	137	156
E	18	20
F	A-220	A-240
G	110	120
K	146	166
L	85	95
M	100	110
N	30	30

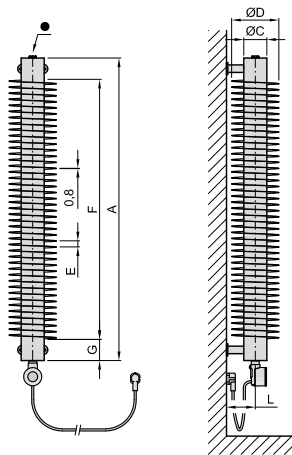
FAO2-W



FAO2-W	Ø57 × Ø137	Ø76 × Ø156
A	500-2000	
B	282	356
C	57	76
D	137	156
E	18	20
F	A-230	A-260
G	70	70
K	145	200
L	85	95
M	100	110
N	30	30

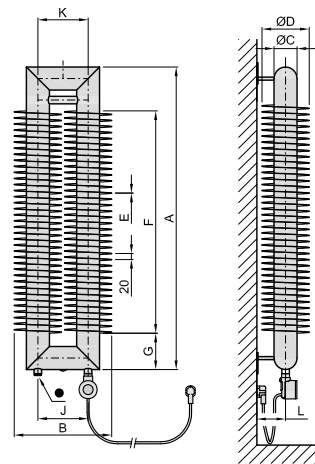
Favier Electro Vertical - WALL

FA1-V



FA1-V	Ø57 × Ø137	Ø76 × Ø156
A	500-2000	
B	-	-
C	57	76
D	137	156
E	18	20
F	A-140	A-140
G	70	70
J	-	-
K	-	-
L	85	95
N	30	30

FAT2-V



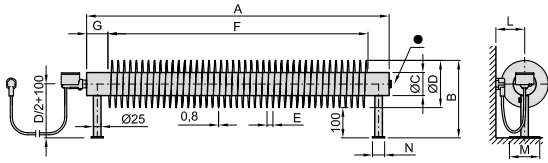
FAT2-V	Ø57 × Ø137	Ø76 × Ø156
A	500-2000	
B	283	322
C	57	76
D	137	156
E	18	20
F	A-240	A-265
G	110	120
J	146	166
K	146	166
L	85	95
N	30	30

Dimension tolerance: **F** (fin length) +/- 15 mm / **J** (connection spacing) +/- 2,5 mm

● closing plug - must not be removed

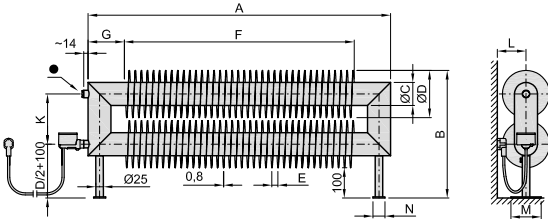
Favier Electro Horizontal - FLOOR

FA1-F



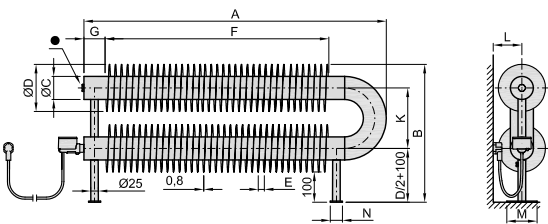
FA1-F	Ø57 × Ø137	Ø76 × Ø156
A	500-2000	
B	237	256
C	57	76
D	137	156
E	18	20
F	A-140	A-140
G	70	70
K	-	-
L	≥85	≥95
M	100	100
N	40	40

FAT2-F



FAT2-F	Ø57 × Ø137	Ø76 × Ø156
A	500-2000	
B	383	422
C	57	76
D	137	156
E	18	20
F	A-220	A-240
G	110	120
K	146	166
L	≥85	≥95
M	100	100
N	40	40

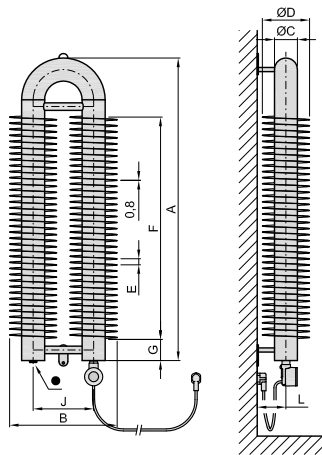
FAO2-F



FAO2-F	Ø57 × Ø137	Ø76 × Ø156
A	500-2000	
B	382	456
C	57	76
D	137	156
E	18	20
F	A-230	A-260
G	70	70
K	145	200
L	≥85	≥95
M	100	100
N	40	40

Favier Electro Vertical - WALL

FAO2-V



FAO2-V	Ø57 × Ø137	Ø76 × Ø156
A	500-2000	
B	282	356
C	57	76
D	137	156
E	18	20
F	A-235	A-265
G	70	70
J	145	200
K	-	-
L	85	95
N	30	30

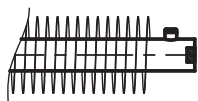
Dimension tolerance: **F** (fin length) +/- 15 mm / **J** (connection spacing) +/- 2,5 mm

• closing plug - must not be removed

Connection options for spiral radiators

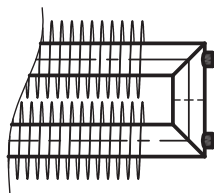
Standard ways of connecting spiral radiators

Standard connection S1, S2, S3 with no additional charge on top of the price of the radiator.



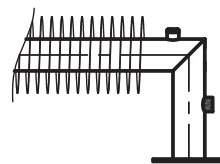
S1

Standard connection for FA1 and FAO radiators.



S2

Standard connection for FAT radiators.



S3

Standard connection for FA1 and FAT self-standing radiators.

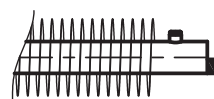
Atypical ways of connecting spiral radiators – (additional charge for change in connection)

Atypical ways of connection can be combined with changes in the connection threads (G3/8", G1/2", G3/4", G1") after consultation with the sales department.



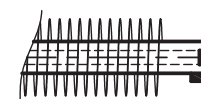
A1

Atypical connection for FA1, FAT and FAO radiators.



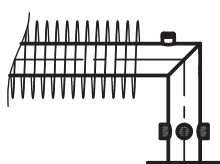
A2

Atypical connection for FA1 and FAO radiators with a diameter of 57, 76, 89 and 108 mm.



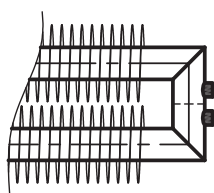
A3

Atypical connection for FA1 radiators with a diameter of 57, 76, 89 and 108 mm.



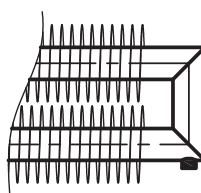
A4

Atypical connection for self-standing FA1 and FAT radiators.
Any movement of the connection must always be only by an angle of 90°.



A5

Atypical connection for FAT radiators.
Min. pitch of the connection 50 mm.



A6

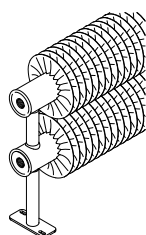
Atypical connection for FAT radiators.

Should you be interested in special connections please contact the sales department of ag grzejniki design. for a specification of the technical parameters. Should it not be stated otherwise, the atypical connections are valid for all of the manufactured diameters 32, 57, 76, 89 and 108 mm.

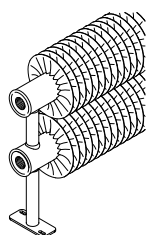
Connection thread options

Units with greater heating medium flows require a larger-diameter connection thread. To meet this requirement, we offer radiators ø57, 76, 89 and 108 also with a G3/4" and G 1" connection thread (instead of the standard G1/2").

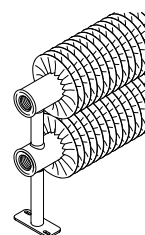
Example: FA02 57x137



thread G1/2"

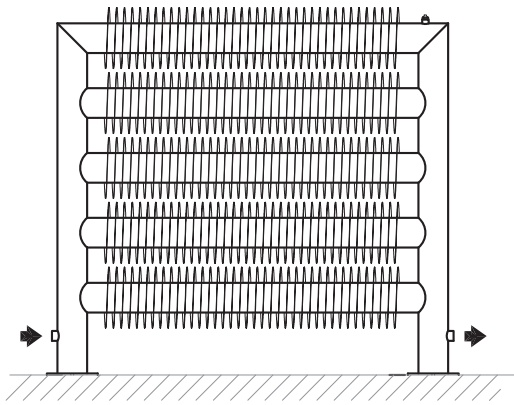


thread G3/4"

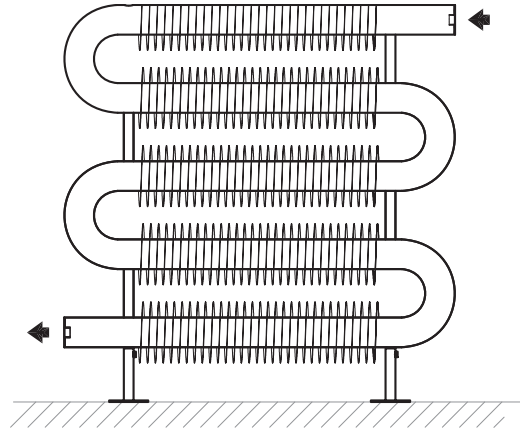


thread G1"

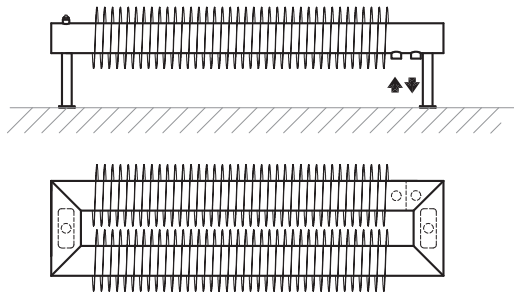
Next atypical designs of radiators



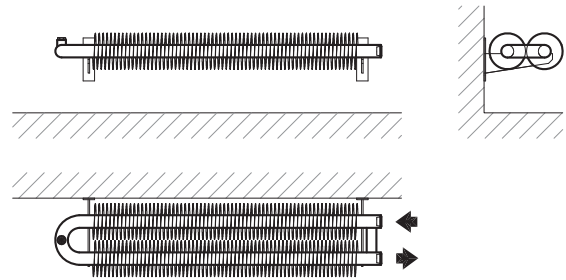
FAT5 76/156 SELF-STANDING



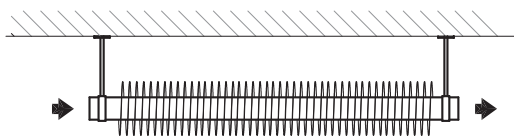
FO5 57/137 ON THE FLOOR



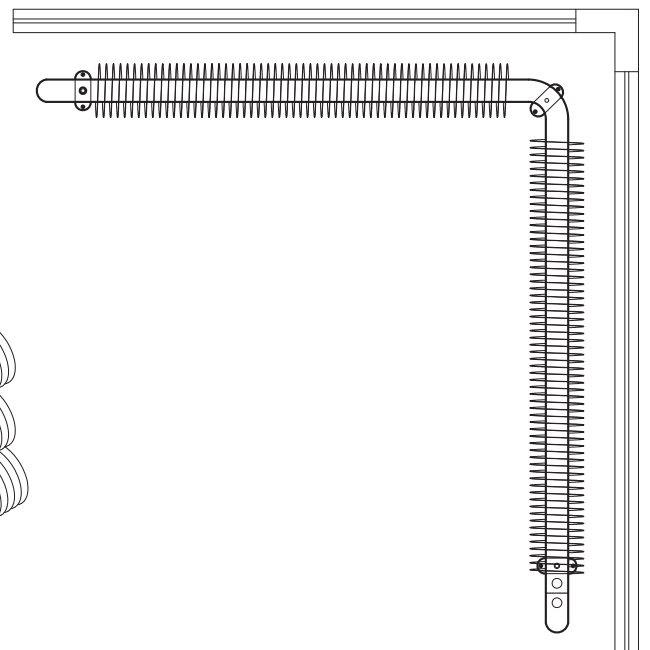
FAT2 76/156 TO THE FLOOR HORIZONTALLY



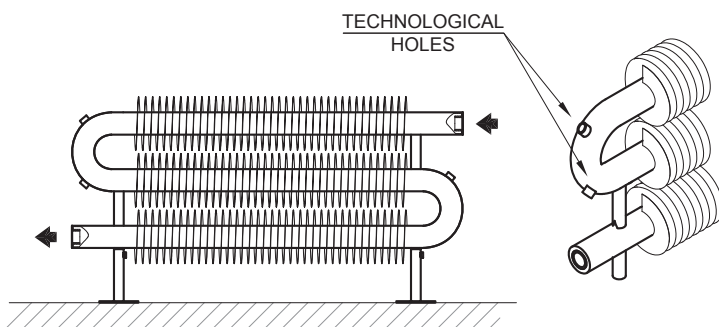
FAO2 32/92 TO THE WALL HORIZONTALLY



FA1 57/137 UNDER CEILING



FAO2 57/137 TO THE FLOOR – BROKEN LINE SHAPE



FAO3 57/137 ON THE FLOOR – GALVANIZED

How to order Favier radiators

Radiator code example



Radiator code example:
Z T 2 0 3 2 1 0 0 0 W - 0 1 -

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Z	T	2	0	3	2	1	0	0	0	W	-	0	1	-
SPIRAL TYPE		TUBE DIAMETER [MM]			LENGTH [MM]					MOUNTING	DESIGN	COLOUR CODE		ATYPICAL

Order → FAT2 Spiral finned tube radiator 32x92, length 1000 mm, wall-mounted, for connection to the central heating system

Code explanatory notes

Position 1, 2, 3 - Spiral type		
FAVIER	e.g. ZT2	Z-1 model FA1 single-strand Favier ZT2 model FAT2 two-strand Favier ZT3 model FAT3 , angular shape three-strand Favier ZO2 model FAO2 angular shape two-strand ZO3 model FAO3 with elbow three-strand Favier, with elbows
FAVIER WITHOUT FINS	e.g. HO2	H-1 model HFA1 single-strand Favier without fins HT2 model HFAT2 two-strand Favier without fins, angular shape HT3 model HFAT3 three-strand Favier without fins, angular shape HO2 model HFAO2 two-strand Favier without fins, with elbow HO3 model HFAO3 three-strand Favier without fins, with elbows
FAVIER ELECTRO	e.g. ZO2	Z-1 model FA1 single-strand Favier ZT2 model FAT2 two-strand Favier, angular ZO2 model FAO2 shape two-strand Favier, with elbow
Position 4, 5, 6 - Tube diameter		
SPIRAL	e.g. 076	032, 057, 076, 089, 108 mm - diameter of pipes, standard and galvanized models
SPIRAL WITHOUT FINS		032, 057, 076 - diameter of pipes, stainless steel models
SPIRAL ELECTRO	e.g. 057	057, 076 mm - diameter of pipe
Position 7, 8, 9, 10 - Length (horizontal models), height (vertical models)		
FAVIER FAVIER WITHOUT FINS	e.g. 1200	Horizontal models 500, 600, 700....., 3000 mm in step 100 mm 3200, 3400, 3600, ..., 6000 mm in step 200 mm Vertical models 500, 600, 700, ..., 2500 mm in step 100 mm
FAVIER ELECTRO	e.g. 2000	Horizontal models 500, 750, 1000, 1250, 1500, 1750, 2000 mm Vertical models 500, 750, 1000, 1250, 1500, 1750, 2000 mm
Position 11 - Mounting		
FAVIER FAVIER WITHOUT FINS FAVIER FAVIER ELECTRO	e.g. W	Horizontal models F floor mounting on stands (all models) S floor mounting, self-standing variant of Spiral only RAT1, RAT2, RAT3 (not available for Electro models) W wall mounting on brackets (all models) Vertical models V wall mounting in vertical position (all models) B FAO3, HFAO3 - vertical mounting on the wall, LEFT D FAO3, HFAO3 - vertical mounting on the wall, RIGHT
Position 12 - Design		
FAVIER FAVIER WITHOUT FINS	e.g. -	- standard connection to the hot water heating system with forced circulation
FAVIER ELECTRO	e.g. M	Z Z-heating rod , electrical connection without regulator M Mini PW controller , electrical connection with the Mini PW controller P Vision controller , electrical connection with the Vision controller, Gateway is included in the delivery, suitable for vertical models E Nexus system - electrical connection with various regulators - select and separately order a Solo, Rio, Rio Wi-Fi, Neo or Neo Wi-Fi controller (see pages 15-16) - version Neo and Neo Wi-Fi suitable for vertical versions
Position 13, 14 - Colour code		
FAVIER FAVIER FAVIER WITHOUT FINS FAVIER ELECTRO	e.g. 01	01 standard colour RAL9016, snow white XX see AG FAVIER colour chart at the page 46 (e.g. code 72 - colour S13, sandstone, texture) 81 stainless steel (available only for Favier and Favier without fins Ø32, Ø57 and Ø76 mm) 99 other colour options, (outside the AG FAVIER LINE palette)
Position 15 - Atypical		
		- standard design N atypical radiator

Colour Reference Chart



colour series **RAL 9016**
shade snow/traffic white
finish -
extra charge -
order code 01



colour series **S31**
shade champagne
finish metallic
extra charge ✓
order code 25



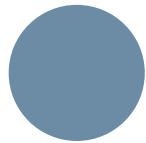
colour series **S27**
shade khaki
finish texture
extra charge ✓
order code 21



colour series **RAL 3002**
shade fiery red
finish -
extra charge ✓
order code 08



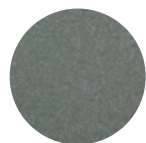
colour series **S28**
shade gold olive
finish texture
extra charge ✓
order code 22



colour series **RAL 5014**
shade pigeon blue
finish -
extra charge ✓
order code 07



colour series **S03**
shade copper
finish metallic
extra charge ✓
order code 62



colour series **S05**
shade silver
finish metallic
extra charge ✓
order code 64



colour series **S35**
shade cinnamon
finish texture
extra charge ✓
order code 29

Other K7 CLASSIC chart colours

(excluding metallic and neon colours)

1-10 pc /extra charge

Over 10 pc / individual calculation

Metallic and neon colours / individual calculation

Surface treatment



colour series **galvanized**
order code 90



colour series **inox**
order code 81



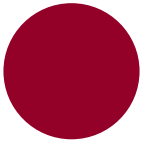
colour series **S09**
shade snow white
finish texture
extra charge ✓
order code 68



colour series **RAL 9018**
shade papyrus white
finish -
extra charge ✓
order code 14



colour series **S36**
shade antique gold
finish metallic
extra charge ✓
order code 48



colour series **S34**
shade ruby
finish -
extra charge ✓
order code 28



colour series **RAL 6021**
shade linden green
finish -
extra charge ✓
order code 06



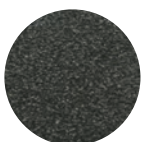
colour series **S30**
shade sapphire
finish texture
extra charge ✓
order code 24



colour series **S19**
shade brass
finish metallic
extra charge ✓
order code 83



colour series **S37**
shade light grey
finish texture
extra charge ✓
order code 49



colour series **S10**
shade slate
finish texture
extra charge ✓
order code 69



colour series **RAL 9001**
shade ivory/cream
finish -
extra charge ✓
order code 04



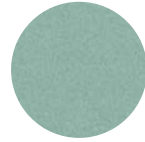
colour series **S08**
shade ivory
finish texture
extra charge ✓
order code 67



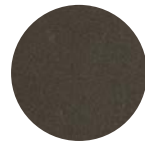
colour series **S32**
shade pink coral
finish texture
extra charge ✓
order code 26



colour series **S13**
shade sandstone
finish texture
extra charge ✓
order code 72



colour series **S29**
shade aquamarine
finish metallic
extra charge ✓
order code 23



colour series **S33**
shade lava ash
finish texture
extra charge ✓
order code 27



colour series **S38**
shade dark grey
finish texture
extra charge ✓
order code 50



colour series **S02**
shade anthracite
finish metallic
extra charge ✓
order code 61



colour series **RAL 9005**
shade black
finish -
extra charge ✓
order code 19



colour series **S40**
shade black velvet
finish matt
extra charge ✓
order code 51



colour series **S20**
shade transparent paint
finish transparent paint
extra charge ✓
order code 84

Special treatment



colour series **S41**
shade white
finish antibacterial*
extra charge ✓
order code 88

*A silver-ion antibacterial finish provides protection against a wide range of bacteria and mildew.

The printed version of the colour chart is for reference only and does not correspond to the actual surface treatment shades.

