

Fan coils

Wall-mounted and ceiling-mounted units **F-FR**

The new Accorroni series of fan coils is the state-of-the-art answer to all the users' requirements and latest technical specifications for this typology of products. This wide series includes 6 basic sizes in 4 versions with air flows ranging from 210 to 1,000 m³/h, total refrigerating capacities from 1.15 to 5.14 kW, and thermal powers from 2.83 to 12.33 kW.

The elegant streamlined design of models **F-FR** (either wall-mounted or ceiling-mounted) integrates well with all commercial or residential environments such as hotels, residences, offices shops, and homes.

Utmost silence during operation, manufacturing rationality and the wide choice of controls complete the versatility of these units, which have been designed to ensure maximum comfort even in those areas where a low noise level is required.



mod. FR

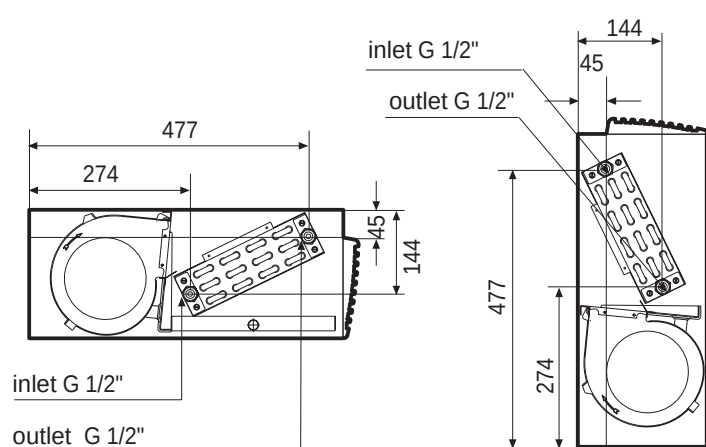
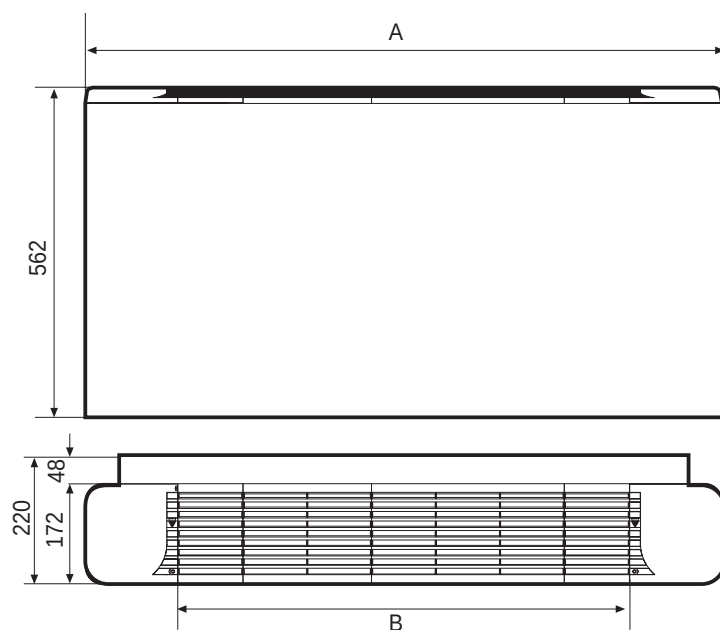


mod. F



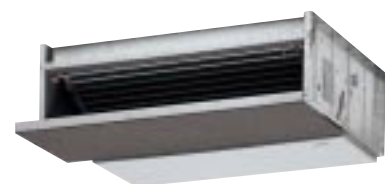
Models		thermal power	refrigerating capacity		
		W	W		
Wall-mounted fan coil F 100	code 36200000	2.830	1.150	260,00	
Wall-mounted fan coil F 200	code 36220000	4.130	1.630	280,00	
Wall-mounted fan coil F 300	code 36240000	5.640	2.730	310,00	
Wall-mounted fan coil F 400	code 36260000	7.050	3.110	320,00	
Wall-mounted fan coil F 600	code 36280000	9.770	4.660	390,00	
Wall-mounted fan coil F 800	code 36300000	12.330	5.140	420,00	
Ceiling-mounted fan coil FR 100	code 36200100	2.830	1.150	270,00	
Ceiling-mounted fan coil FR 200	code 36220100	4.130	1.630	290,00	
Ceiling-mounted fan coil FR 300	code 36240100	5.640	2.730	330,00	
Ceiling-mounted fan coil FR 400	code 36260100	7.050	3.110	340,00	
Ceiling-mounted fan coil FR 600	code 36280100	9.770	4.660	400,00	
Ceiling-mounted fan coil FR 800	code 36300100	12.330	5.140	440,00	

Models - Vertical version F with cabinet - Horizontal version FR with cabinet



Mod.	100	200	300	400	600	800
A	760	870	980	1.090	1.310	1.310
B	440	550	660	770	990	990

Encased fan coils Wall-mounted and ceiling-mounted units **FC-FCR**



mod. FCR



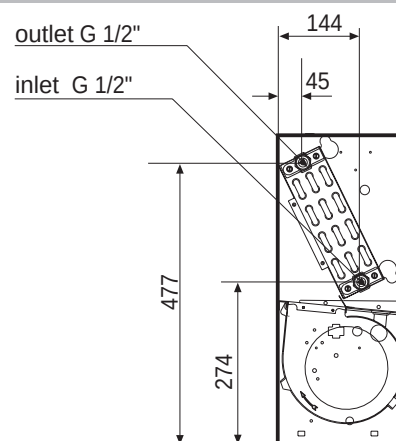
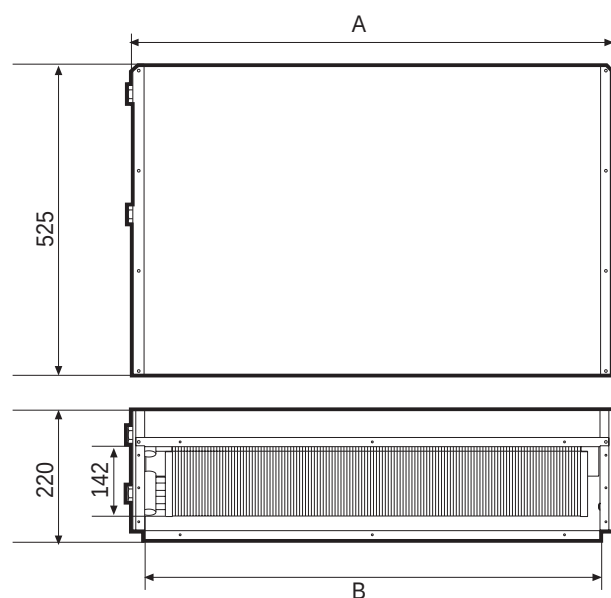
mod. FC

Encased vertical and horizontal models **FC-FCR** are very functional and serviceable units equipped with a complete range of accessories that make it possible to solve all system problems and are particularly suitable for those areas where minimum floor or ceiling space is available.

They have been designed to use two-pipe systems. For four-pipe systems with two independent circuits an additional thermal exchange battery is available on request.

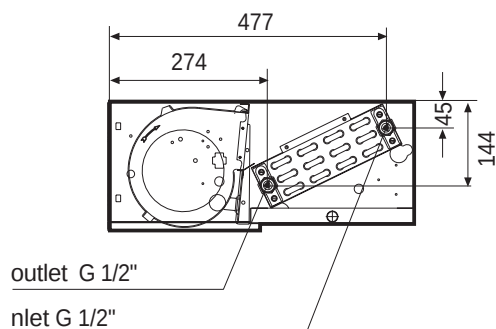
Models		Thermal power	Refrigerating capacity		
		W	W		
Wall-mounted encased fan coil FC 100	code 36200200	2.830	1.150	230,00	
Wall-mounted encased fan coil FC 200	code 36220200	4.130	1.630	250,00	
Wall-mounted encased fan coil FC 300	code 36240200	5.640	2.730	280,00	
Wall-mounted encased fan coil FC 400	code 36260200	7.050	3.110	290,00	
Wall-mounted encased fan coil FC 600	code 36280200	9.770	4.660	350,00	
Wall-mounted encased fan coil FC 800	code 36300200	12.330	5.140	380,00	
Ceiling-mounted encased fan coil FCR 100	code 36200300	2.830	1.150	230,00	
Ceiling-mounted encased fan coil FCR 200	code 36220300	4.130	1.630	250,00	
Ceiling-mounted encased fan coil FCR 300	code 36240300	5.640	2.730	280,00	
Ceiling-mounted encased fan coil FCR 400	code 36260300	7.050	3.110	300,00	
Ceiling-mounted encased fan coil FCR 600	code 36280300	9.770	4.660	340,00	
Ceiling-mounted encased fan coil FCR 800	code 36300300	12.330	5.140	370,00	

Models - Vertical encased version FC

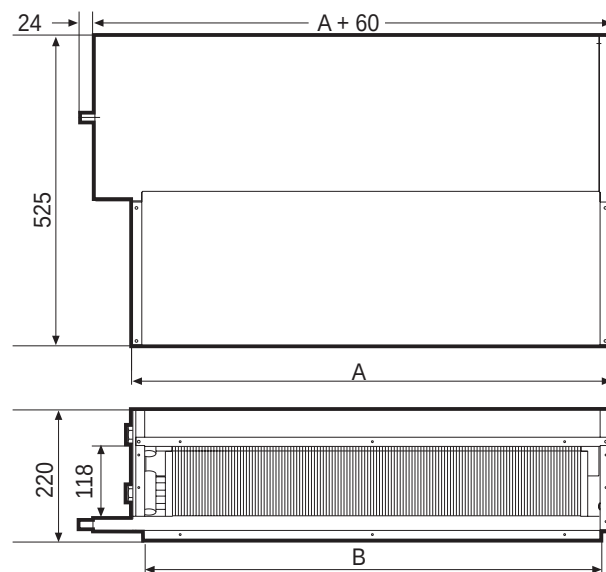


Mod.	100	200	300	400	600	800
A	480	590	700	810	1.030	1.030
B	440	550	660	770	990	990

Models - Horizontal encased version FCR

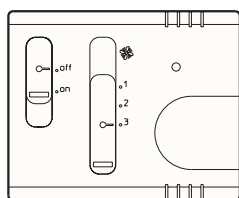


Mod.	100	200	300	400	600	800
A	480	590	700	810	1.030	1.030
B	440	550	660	770	990	990

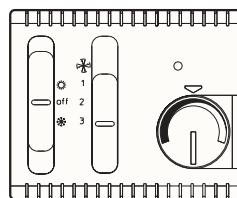


Control panel

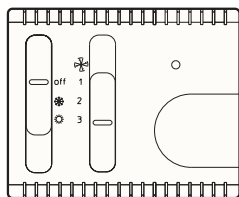
The operation of the fan coils of versions **F** is regulated by a control panel - not included in the standard package of the fan coil. Three different solutions are available for appliance-mounted and remote wall-mounted versions.



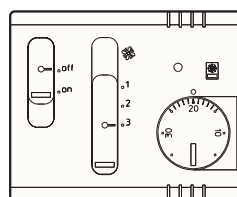
Basic control 1
comprising on/off switch, 1-2-3 speed manual selector switch, and ON warning LED



Electronic thermostat 2
comprising on/off switch, 1-2-3 speed manual selector switch, ON warning LED, temperature regulation knob, summer/winter manual switch. Also designed for valve control.



Basic control 2
comprising all Basic Control 1 functions with the addition of summer/winter switch. Also designed for the connection of a cooperating thermostat in winter cycle



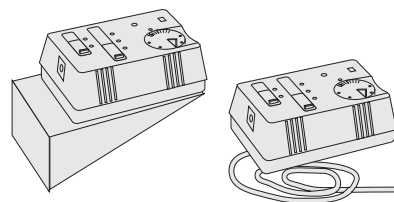
Microprocessor thermostat
comprising all Electronic thermostat functions with the addition of automatic function in fan speed selection and summer/winter switching

Models with covering cabinet complete with front air intake grate and air filter

A covering cabinet equipped with front air intake grate and filter is available on request for floor and ceiling installation.

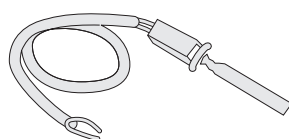


Models		
F 100 G	code 36200001	280,00
F 200 G	code 36220001	300,00
F 300 G	code 36240001	330,00
F 400 G	code 36260001	350,00
F 600 G	code 36280001	420,00
F 800 G	code 36300001	450,00
FR 100 G	code 36200101	290,00
FR 200 G	code 36220101	310,00
FR 300 G	code 36240101	350,00
FR 400 G	code 36260101	360,00
FR 600 G	code 36280101	440,00
FR 800 G	code 36300101	460,00



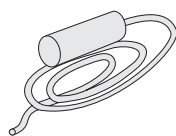
appliance-mounted basic control 1	
wall-mounted basic control 1 (complete with 4-m cable)	
appliance-mounted basic control 2	
basic control 2 (complete with 4-m cable)	
appliance-mounted electronic thermostat 2 (with valve control)	
wall-mounted electronic thermostat 2 (with valve control and 4-m cable)	
appliance-mounted microprocessor thermostat	
wall-mounted microprocessor thermostat (complete with 4-m cable)	

model	control panel
code 36205201	41,00
code 36205202	34,00
code 36205212	45,00
code 36205213	38,00
code 36205209	75,00
code 36205210	70,00
code 36205205	138,00
code 36205206	125,00



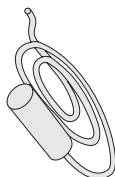
cooperating probe for control with
microprocessor thermostat
code 36205214

19,00



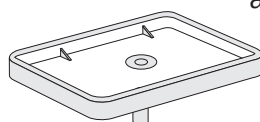
cooperating probe for control with
microprocessor thermostat
code 36205207

9,00



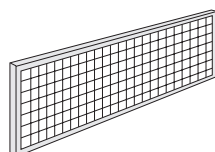
cooperating probe for control with
microprocessor thermostat 2
code 36205211

8,00



auxiliary condensate storage tank for
vertical versions F-FC
code 36200501

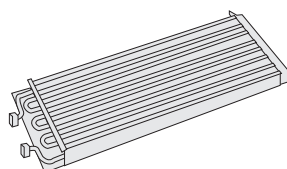
11,00



air filter for encased versions
FC-FCR

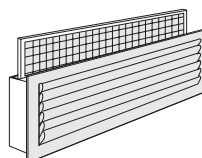
model	
FC-FCR 100 code 36205601	8,00
FC-FCR 200 code 36225601	10,00
FC-FCR 300 code 36245601	10,00
FC-FCR 400 code 36265601	11,00
FC-FCR 600-800 code 36285601	13,00

additional single-row battery for heating



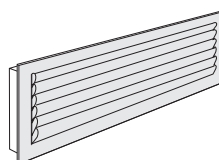
model	
100 code 36205001	36,00
200 code 36225001	40,00
300 code 36245001	44,00
400 code 36265001	49,00
600-800 code 36285001	57,00

aluminium air intake grate with fixed fins with filter
for encased versions FC-FCR

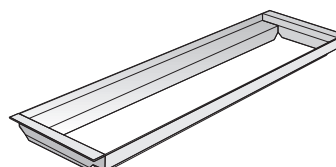


model	
FC-FCR 100 code 36201502	42,00
FC-FCR 200 code 36221502	51,00
FC-FCR 300 code 36241502	56,00
FC-FCR 400 code 36261502	58,00
FC-FCR 600-800 code 36281502	68,00

aluminium air delivery grate with adjustable
fins for encased versions FC-FCR

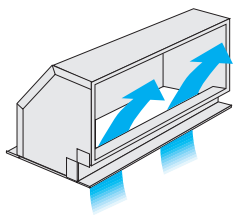


model	
FC-FCR 100 code 36201501	30,00
FC-FCR 200 code 36221501	35,00
FC-FCR 300 code 36241501	37,00
FC-FCR 400 code 36261501	39,00
FC-FCR 600-800 code 36281501	51,00



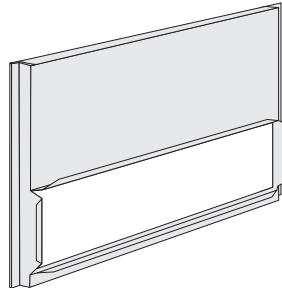
lower air intake panel
FCR

model	
FCR 100 code 36200007	20,00
FCR 200 code 36220007	23,00
FCR 300 code 36240007	25,00
FCR 400 code 36260007	27,00
FCR 600-800 code	30,00



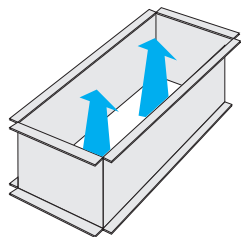
90° air delivery connector
for encased versions
FC-FCR

model	
FC-FCR 100 code 36202201	31,00
FC-FCR 200 code 36222201	33,00
FC-FCR 300 code 36242201	36,00
FC-FCR 400 code 36262201	38,00
FC-FCR 600-800 code 36282201	41,00



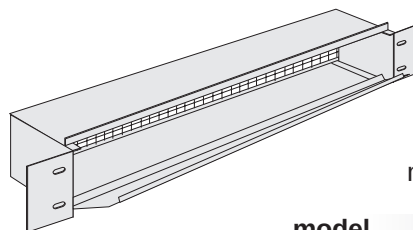
front air intake panel
FC

model	
FC 100 code 36200006	29,00
FC 200 code 36220006	32,00
FC 300 code 36240006	34,00
FC 400 code 36260006	37,00
FC 600-800 code 36280006	41,00



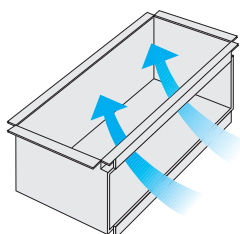
straight air delivery connector
for encased versions
FC-FCR

model	
FC-FCR 100 code 36202202	26,00
FC-FCR 200 code 36222202	28,00
FC-FCR 300 code 36242202	29,00
FC-FCR 400 code 36262202	33,00
FC-FCR 600-800 code 36282202	36,00



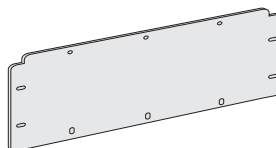
manually-operated gate
for outside air intake

model	
100 code 36202204	48,00
200 code 36222204	52,00
300 code 36242204	55,00
400 code 36262204	58,00
600-800 code 36282204	61,00



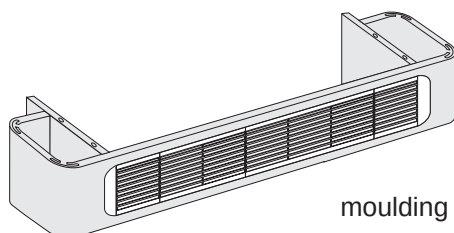
90° air intake connector
for encased versions
FC-FCR

model	
FC-FCR 100 code 36202203	36,00
FC-FCR 200 code 36222203	38,00
FC-FCR 300 code 36242203	41,00
FC-FCR 400 code 36262203	43,00
FC-FCR 600-800 code 36282203	47,00



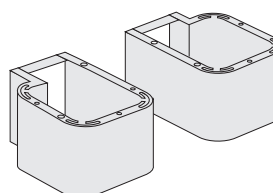
lower/rear air intake closing panel

model	
100 code 36200008	10,00
200 code 36220008	11,00
300 code 36240008	12,00
400 code 36260008	12,00
600-800 code 36280008	13,00



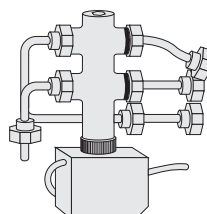
moulding complete with grate
for versions F-FR

models	
F-FR 100 code 36200009	72,00
F-FR 200 code 36220009	75,00
F-FR 300 code 36240009	78,00
F-FR 400 code 36260009	81,00
F-FR 600-800 code 36280009	85,00



paired moulding
for F version
code 36200502

31,00



valve kit for standard 3-row battery only
with pipes and connectors
code 36205303

132,00

Thermal exchange battery

Condensate storage tank

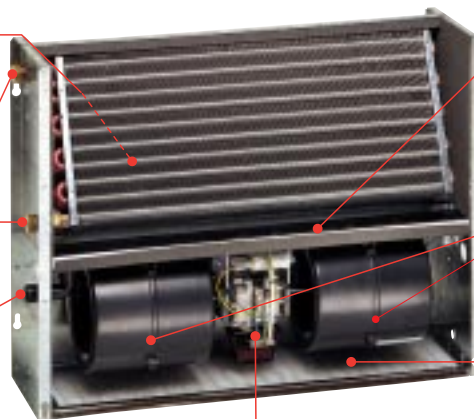
Standard battery connections

Centrifugal fans

Condensate exhaust flue

Air filter

Electric motor



Description of models F-FR-FC-FCR			100	200	300	400	600	800
Thermal power (incoming water 70°C)	W	max.	2.830	4.130	5.640	7.050	9.770	12.330
		med.	2.530	3.680	5.140	6.290	8.860	11.230
		min.	2.220	3.210	4.670	5.230	7.480	10.580
Max water flow	l/h		243	355	485	606	825	1.060
Flow resistance max water 70°C	kPa		1,50	3,00	7,30	11,45	23,50	33,00
Thermal power (incoming water 50°C)(E)	W	max.	1.620	2.200	3.370	4.050	5.900	6.060
		med.	1.450	1.830	3.070	3.640	5.270	5.610
		min.	1.270	1.680	2.790	3.240	4.620	5.090
Flow resistance max water 50°C	kPa		max. 1,03	2,27	6,45	9,90	22,25	26,50
Additional single-row battery thermal power	W	max.	1.860	2.420	3.380	4.100	5.930	6.530
		med.	1.710	2.240	3.160	3.800	5.510	6.270
		min.	1.540	2.060	2.970	3.490	4.630	6.070
Single-row battery water flow	l/h		160	208	291	352	516	559
Flow resistance max water 1 row	kPa		4,50	7,60	16,00	26,50	46,00	51,00
Overall refrigerating capacity	W	max.	1.150	1.630	2.730	3.220	4.660	5.140
		med.	1.030	1.380	2.410	2.880	4.230	4.740
		min.	880	1.270	2.190	2.630	3.870	4.360
Sensitive refrigerating capacity	W	max.	930	1.320	2.230	2.580	3.640	4.150
		med.	830	1.110	1.940	2.180	3.220	3.670
		min.	700	995	1.720	1.970	2.850	3.340
Water flow max cooling	l/h		max. 192	275	460	552	790	868
Flow resistance max water cooling	kPa		max. 1,22	2,70	7,65	11,70	26,45	31,00
Air flow	m³/h	max.	210	340	450	585	760	1.000
		med.	180	280	400	510	630	890
		min.	150	240	350	445	540	780
Number of fans	n°		1			2		
Sound pressure	dB(A)	max.	30,6	39,5	40,7	42,3	44,7	50,0
		med.	27,7	34,9	37,4	39,4	41,8	48,1
		min.	22,9	31,9	34,2	36,7	37,1	45,5
Sound power	dB(A)	max.	39,1	48,0	49,2	50,8	53,2	58,5
		med.	36,2	43,4	45,9	47,9	50,3	56,6
		min.	31,4	40,4	42,7	45,2	45,6	54,0
Power supply	230 V / 1 / 50 Hz							
Max motor power	W		34	45	58	77	104	123
Max absorbed current	A		0,15	0,20	0,25	0,34	0,46	0,59
Weight (for version F)	kg		17,0	19,0	22,0	24,6	28,8	30,2



(E) = Eurovent-certified performance. Data refers to the following operating conditions:

Summer cooling:

environmental air temperature: 27°C dry bulb, 19°C wet bulb
water temperature: incoming water 7°C, outgoing water 12°C at maximum speed

Winter cooling:

environmental air temperature: 20°C
water temperature: incoming water 70°C, _ T 10°C at maximum speed

(with incoming water temperature at 50°C, same water flow as maximum speed cooling)