

# MEC 25÷85 - MEC 35÷85 C

Wall-mounted air heaters for indoor installation



mod. MEC



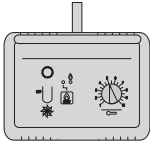


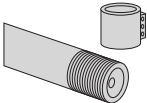
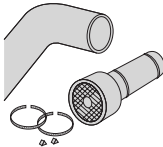
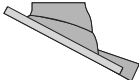

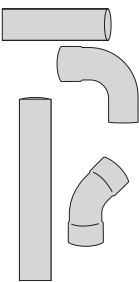
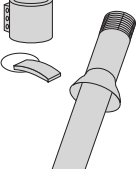
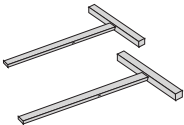
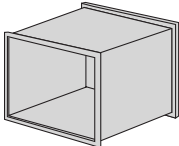
mod. MEC C

Model	Heat Input kW	Heat Output kW	Code	€
<b>MEC 25</b>	<b>25,00</b>	<b>22,90</b>	<b>30120000</b>	<b>3.000,00</b>
<b>MEC 35</b>	<b>34,80</b>	<b>31,90</b>	<b>30220000</b>	<b>3.080,00</b>
<b>MEC 50</b>	<b>50,00</b>	<b>45,30</b>	<b>30270000</b>	<b>4.220,00</b>
<b>MEC 57</b>	<b>57,00</b>	<b>51,60</b>	<b>30320000</b>	<b>4.710,00</b>
<b>MEC 85</b>	<b>85,00</b>	<b>75,60</b>	<b>30370000</b>	<b>6.740,00</b>
<b>MEC 35 C ducted</b>	<b>34,80</b>	<b>31,90</b>	<b>30230000</b>	<b>3.640,00</b>
<b>MEC 57 C ducted</b>	<b>57,00</b>	<b>51,60</b>	<b>30330000</b>	<b>5.670,00</b>
<b>MEC 85 C ducted</b>	<b>85,00</b>	<b>75,60</b>	<b>30380000</b>	<b>7.920,00</b>

# MEC 25÷85 - MEC 35÷85 C

Wall-mounted air heaters for indoor installation

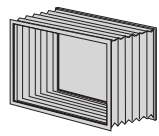
## Accessoires MEC 25÷85 - MEC 35÷85 C

		Code	€	
	Remote control with the following functions: on/off switch, electronic room temperature thermostat, run and warning lights, reset button, summer ventilation selector	<b>cable 4 m</b> <b>cable 10 m</b>	<b>30170010</b> <b>30170015</b>	<b>234,00</b> <b>266,00</b>
	Weekly programmable thermostat with integrated GSM		<b>36205222</b>	<b>550,00</b>
	Exhaust sampling plug		<b>30170057</b>	<b>15,00</b>
	Wall horizontal exhaust kit exhaust duct Ø 80 MEC 25÷35; Ø100 MEC 50÷85) length cm 100, clamp and gasket, external duct end	<b>mod. 25÷35</b> <b>mod. 50÷85</b>	<b>30170050</b> <b>30320050</b>	<b>110,00</b> <b>152,00</b>
	Air intake kit duct Ø 140 length cm 50 with external duct end, flexible pipe Ø 140 length 3 m, 2 clamps, air intake sampling plug for 25÷85		<b>30170040</b>	<b>106,00</b>
	Roof-tile of plastic for fireplace Slanted roof from 5° to 30°		<b>30351010</b>	<b>84,00</b>
	Griglia di mandata aria supplementare con alette verticali orientabili	<b>mod. 25÷35</b> <b>mod. 50÷57</b> <b>mod. 85</b>	<b>30171501</b> <b>30321501</b> <b>30371501</b>	<b>138,00</b> <b>234,00</b> <b>296,00</b>
	Ducts and elbows for exhaust flue extension (Ø 80 MEC 25÷35) (Ø100 MEC 50÷85)	<b>duct m 1 Ø 80</b> <b>duct m 1 Ø 100</b> <b>elbow 90° Ø 80</b> <b>elbow 90° Ø 100</b> <b>curva 45° Ø 80</b> <b>elbow 45° Ø 100</b> <b>elbow with condensate drain Ø 80</b> <b>elbow with condensate drain Ø 100</b>	<b>37800035</b> <b>37800050</b> <b>37800030</b> <b>37800031</b> <b>37800032</b> <b>37800034</b> <b>37800037</b> <b>37800039</b>	<b>72,00</b> <b>80,00</b> <b>58,00</b> <b>70,00</b> <b>66,00</b> <b>70,00</b> <b>82,00</b> <b>78,00</b>
	Roof exhaust flue exhaust duct (Ø 80 MEC 25÷35; Ø100 MEC 50÷85) length cm 100, clamp and gasket, external duct end, plastic rain-proof cap with gasket and clamp	<b>mod. 25÷35</b> <b>mod. 50÷85</b>	<b>30170055</b> <b>30320055</b>	<b>308,00</b> <b>276,00</b>
	Holders	<b>mod. 25÷35 axial</b> <b>mod. 50÷85 centrifuge</b>	<b>30240090</b> <b>30150090</b>	<b>110,00</b> <b>120,00</b>
	Air intake duct coupling	<b>mod. 35</b> <b>mod. 57</b> <b>mod. 85</b>	<b>30172221</b> <b>30322221</b> <b>30372221</b>	<b>190,00</b> <b>254,00</b> <b>340,00</b>

# MEC 25÷85 - MEC 35÷85 C

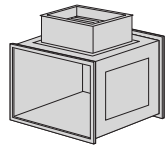
Wall-mounted air heaters for indoor installation

## Accessori MEC 35÷85 C



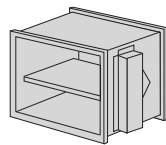
Ducting vibration damper

	Codice	€
mod. 35	30172230	212,00
mod. 57	30322230	318,00
mod. 85	30372230	380,00



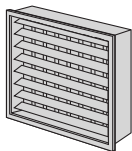
Duct coupling with air ejection outlet to be combined with fire damper

mod. 35	30172225	508,00
mod. 57	30322225	594,00
mod. 85	30372225	678,00



Fire damper REI 120 for ducting

mod. 35	30172205	1.060,00
mod. 57	30322205	1.166,00
mod. 85	30372205	1.484,00



Air delivery grate with two rows of adjustable flaps

mod. 35	30172210	340,00
mod. 57	30322210	424,00
mod. 85	30372210	614,00

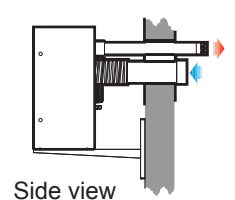
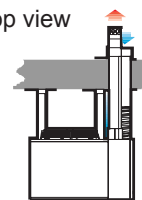
## Type of installation

### Type C12

The combustion circuit is air-tight and sealed off from the environment. The ducts cross the outside wall directly, with terminals included, throughout a square of 50 x 50 cm. Installation includes the following accessories:

- horizontal wall exhaust kit
- air intake kit

Top view



Side view

### Type C52

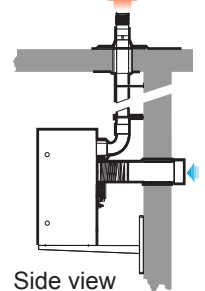
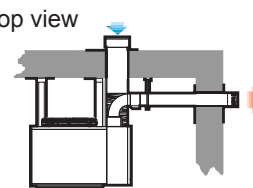
The combustion circuit is air-tight and sealed off from the environment.

Both ducts are connected to the outside, but their terminals may be situated on different walls of the room.

Installation is carried out by using the following accessories:

- horizontal wall exhaust kit
- air intake kit
- 90° elbow Ø 80 with condensate drain
- roof exhaust terminal kit
- duct length m 1 Ø 80
- lead roof-tile

Top view



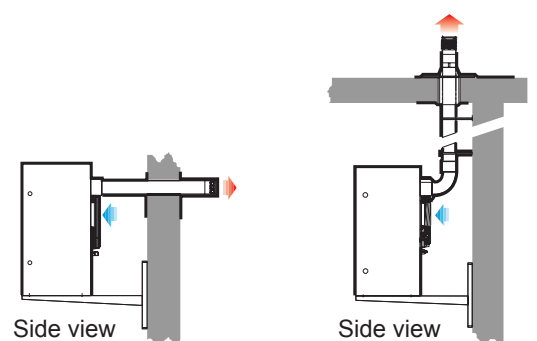
Side view

### Type B22

The combustion circuit is air-tight and sealed off from the environment. Both ducts are connected to the outside, but their terminals may be situated on different walls of the room.

Installation is carried out by using the following accessories:

- horizontal wall exhaust kit
- air intake kit
- 90° elbow Ø 80 with condensate drain
- roof exhaust terminal kit
- duct length m 1 Ø 80
- lead roof-tile



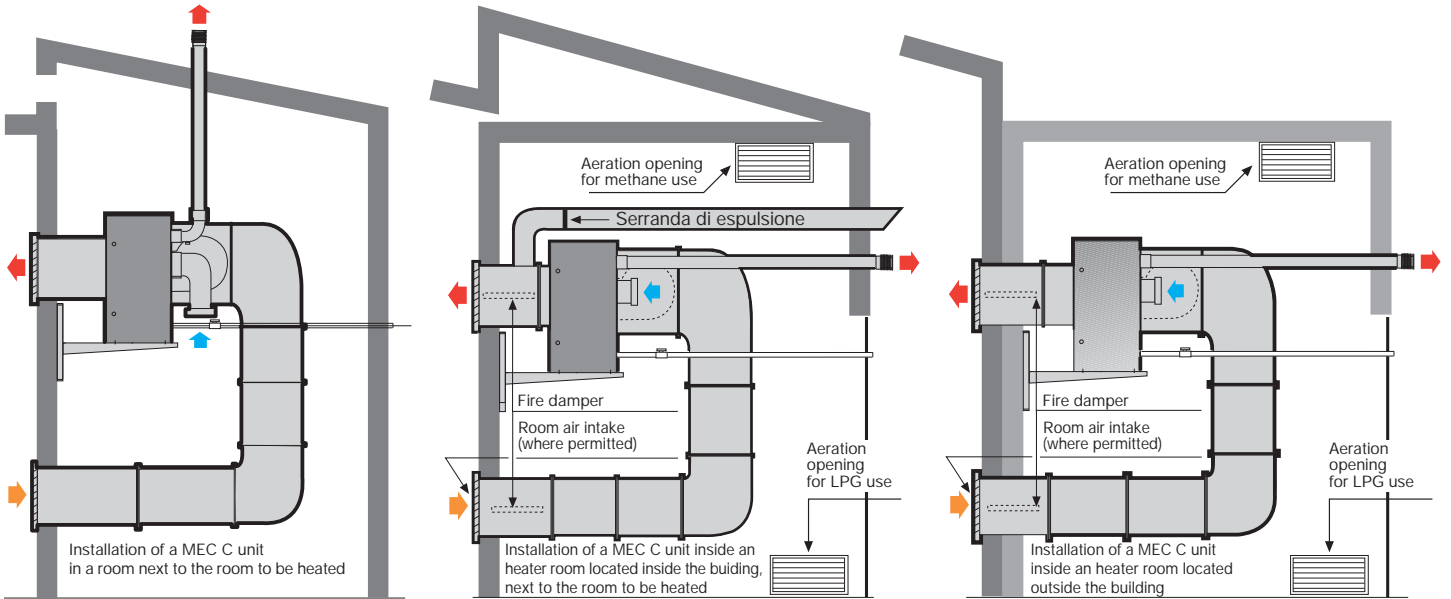
Side view

Side view

# MEC 25÷85 - MEC 35÷85 C

Wall-mounted air heaters for indoor installation

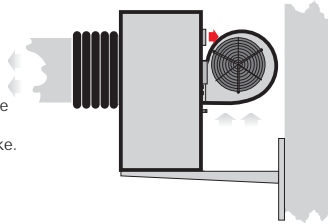
## Examples of installations MEC C



**Note:** Kits and accessories for combustion air intake duct and exhaust flue extension are the same as for series MEC.

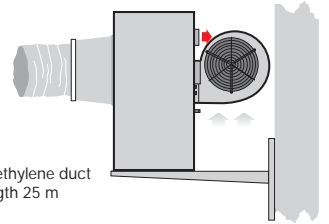
Side view of a MEC 35 C unit installed inside the room with ducted air delivery, insertion of vibration damper and fully indoor air intake. Installation carried out by using the following accessories:

- vibration damper for ducting
- holders



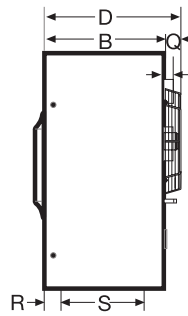
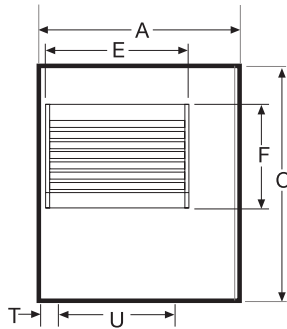
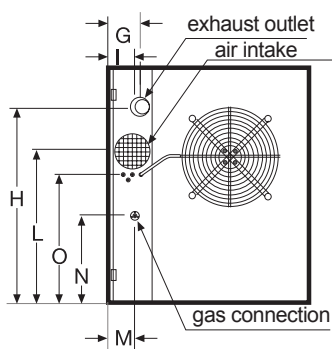
Side view of a MEC 35 C unit installed with polyethylene duct coupled to the unit. Installation carried out by using the following accessories:

- circular section coupling for air delivery polyethylene duct
- perforated polyethylene duct Ø 400 mm, length 25 m
- holders



- 107 -

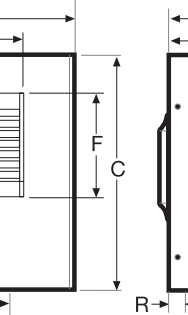
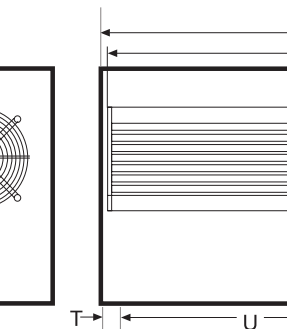
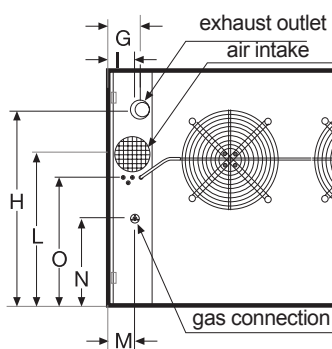
## Dimensions MEC 25 - 35



A 695	I 93	S 315
B 415	L 528	T 76
C 840	M 113	U 398
D 477	N 283	
E 470	O 440	
F 400	P 35	Air Ø 140
G 120	Q 62	Exhaust Ø 80
H 695	R 48	Gas 1/2"

Values in mm

## Dimensions MEC 50 - 57



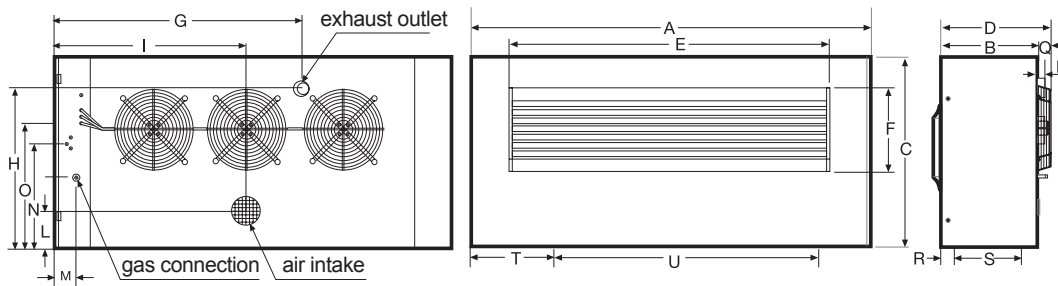
A 1147	I 93	S 315
B 415	L 528	T 81
C 840	M 113	U 840
D 477	N 290	
E 922	O 440	
F 400	P 35	Air Ø 140
G 113	Q 62	Exhaust Ø 100
H 684	R 48	Gas 1/2"

Values in mm

# MEC 25÷85 - MEC 35÷85 C

Wall-mounted air heaters for indoor installation

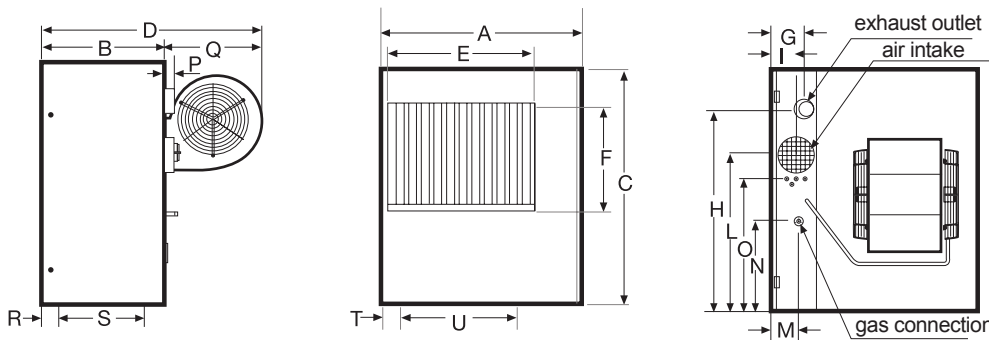
## Dimensions MEC 85



A	1748	I	874	S	315
B	480	L	133	T	424
C	870	M	113	U	900
D	542	N	353		
E	1358	O	515		
F	400	P	35	Air Ø	140
G	1133	Q	62	Exhaust Ø	100
H	715	R	48	Gas	1/2"

Values in mm

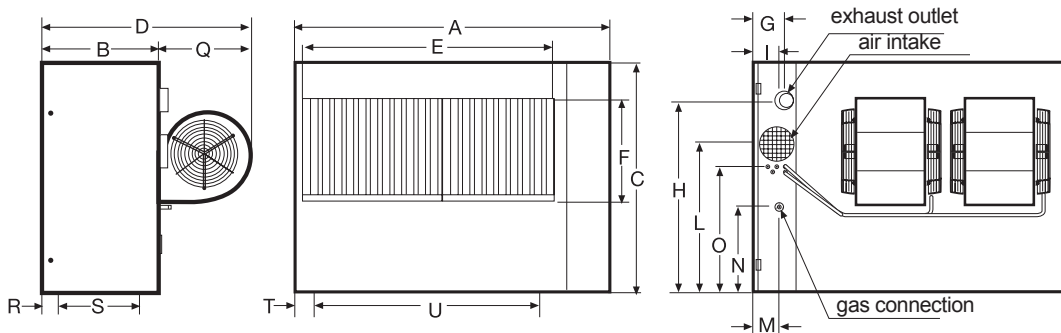
## Dimensions MEC 35 C



A	695	I	93	S	315
B	415	L	528	T	76
C	840	M	113	U	398
D	797	N	283		
E	440	O	440		
F	400	P	35	Air Ø	140
G	120	Q	382	Exhaust Ø	100
H	695	R	48	Gas	1/2"

Values in mm

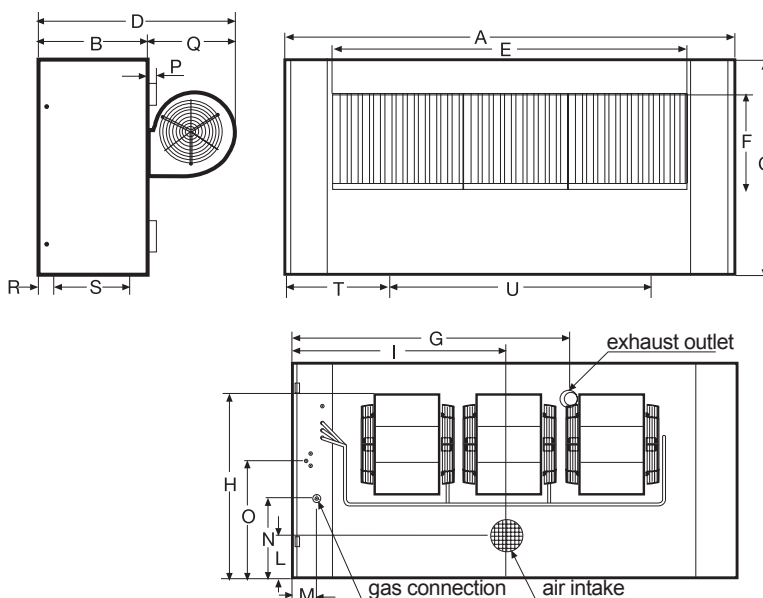
## Dimensions MEC 57 C



A	1147	I	93	S	315
B	415	L	528	T	81
C	840	M	113	U	840
D	797	N	290		
E	922	O	440		
F	400	P	35	Aria Ø	140
G	113	Q	382	Exhaust Ø	100
H	684	R	48	Gas	1/2"

Values in mm

## Dimensions MEC 85 C



A	1748	I	874	S	315
B	480	L	133	T	424
C	870	M	113	U	900
D	862	N	353		
E	1350	O	515		
F	400	P	35	Air Ø	140
G	1133	Q	382	Exhaust Ø	100
H	715	R	48	Gas	1/2"

Values in mm

# MEC 25÷85 - MEC 35÷85 C

Wall-mounted air heaters for indoor installation

## Technical datasheet MEC 25÷85

Description	U.M.	MEC 25	MEC 35	MEC 50	MEC 57	MEC 85
Heat Output	kW	22,90	31,90	43,50	51,60	75,60
Heat Input	kW	25,00	34,80	50,00	57,00	85,00
Gas flow rate	<i>Methane G20</i>	m <sup>3</sup> /h	2,65	3,70	5,29	9,00
min-max	<i>Butane G30</i>	kg/h	1,97	2,76	3,94	6,70
(15 °C - 1.013 mbar)	<i>Propane G31</i>	kg/h	1,94	2,71	3,88	6,60
Burner	<i>G20 p 20 mbar</i>	mbar	10,0	12,0	10,4	11,0
gas pressure	<i>G30 p 28-30 mbar</i>	mbar	27,7	27,4	24,2	25,0
(15 °C - 1.013 mbar)	<i>G31 p 37 mbar</i>	mbar	36,5	36,0	32,5	32,5
Nozzles diameter	<i>G20</i>	mm/100	310	350	350	400
	<i>G30/G31</i>	mm/100	175	210	185/240	220
Gas supply connection		G 1/2"				
Air intake diameter	mm	140				
Exhaust flue diameter	mm	80		100		
Power supply		230V/1/50Hz				
Air flow rate	m <sup>3</sup> /h	2100	2500	4600	5000	7400
Revolution per minute	n.	1095	1370	1260	1350	1335
Air throw	m	16	22	22	22	22
Air temperature rise	°C	33	37	30	31	30
Noise level (at 5 m)	dB(A)	45,0	49,5	50,5	52,5	54,3
Electrical power input	W	175	215	380	400	530
Fuse	A	4				
Net weight	Kg	64	64	64	106	180

## Technical datasheet MEC 25÷85 C

Description	U.M.	MEC 35 C	MEC 57 C	MEC 85 C
Heat Output	kW	31,90	51,60	75,60
Heat Input	kW	34,80	57,00	85,00
Gas flow rate	<i>Methane G20</i>	m <sup>3</sup> /h	3,70	6,03
min-max	<i>Butane G30</i>	kg/h	2,76	4,49
(15 °C - 1.013 mbar)	<i>Propane G31</i>	kg/h	2,71	4,42
Burner	<i>G20 p 20 mbar</i>	mbar	12,0	10,5
gas pressure	<i>G30 p 28-30 mbar</i>	mbar	27,4	24,2
(15 °C - 1.013 mbar)	<i>G31 p 37 mbar</i>	mbar	36,0	32,5
Nozzles diameter	<i>G20</i>	mm/100	350	400
	<i>G30/G31</i>	mm/100	210	220
Gas supply connection		G 1/2"		
Air intake diameter	mm	140		
Exhaust flue diameter	mm	80	100	
Power supply		230V/1/50Hz		
Air flow rate	m <sup>3</sup> /h	2500	5000	7300
Revolution per minute	n°	930	930	950
Air throw	Pa	100	100	100
Air temperature rise	°C	37	31	31
Noise level (at 5 m)	dB(A)	48,5	51,5	53,0
Electrical power input	W	580	1050	1550
Fuse	A	6,3	10,0	15,0
Net weight	Kg	73	125	207