

AS COND - AS COND EX

Floor standing Condensation Air Heater



MODEL	HEAT INPUT kW	HEAT OUTPUT kW	WIT METHANE BURNER €	3 WAY PLENUM €	AIR OUTLET ON 4th SIDE €	FILTER CASE €	AIR OUTLET FIRE DAMPER €	AIR INLET FIRE DAMPER €
AS COND 50	61,10	59,80	10.500,00	1.160,00	120,00	430,00	-	-
AS COND 50 EX			11.480,00	-	-		645,00	880,00
AS COND 65	76,00	73,00	10.685,00	1.160,00	120,00	430,00	-	-
AS COND 65 EX			11.690,00	-	-		645,00	880,00
AS COND 80	98,50	96,30	14.030,00	1.300,00	148,00	510,00	-	-
AS COND 80 EX			15.380,00	-	-		770,00	1.025,00
AS COND 100	122,00	116,40	14.230,00	1.300,00	148,00	510,00	-	-
AS COND 100 EX			15.600,00	-	-		770,00	1.025,00
AS COND 150	179,00	178,60	19.180,00	1.730,00	180,00	680,00	-	-
AS COND 150 EX			21.200,00	-	-		960,00	1.180,00
AS COND 175	203,00	201,80	19.750,00	1.730,00	180,00	680,00	-	-
AS COND 175 EX			21.770,00	-	-		1.025,00	1.315,00
AS COND 200	238,00	234,20	20.320,00	1.730,00	180,00	680,00	-	-
AS COND 200 EX			22.790,00	-	-		1.025,00	1.315,00
AS COND 250	270,00	269,00	41.040,00	2.220,00	390,00	1.030,00	-	-
AS COND 250 EX			43.580,00	-	-		1.880,00	2.025,00
AS COND 300	313,00	310,00	43.060,00	2.220,00	390,00	1.030,00	-	-
AS COND 300 EX			47.730,00	-	-		1.880,00	2.025,00

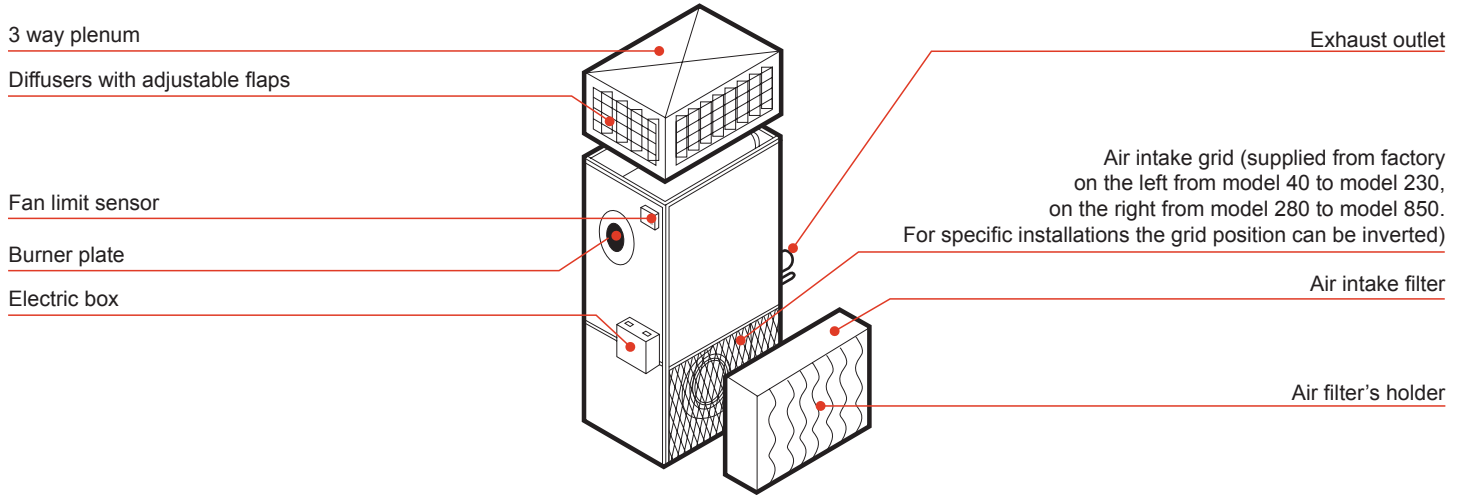
* For the version with air intake from BOTTOM (not lateral) increase the list price of the AS COND - AS EX COND generator by 10%

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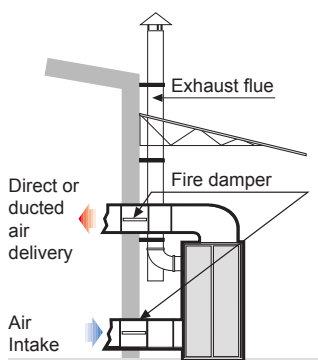
Accessoires AS COND - AS COND EX

MODEL	HEAT INPUT kW	HEAT OUTPUT kW	WIT METHANE BURNER cod.	3 WAY PLENUM cod.	AIR OUTLET ON 4th SIDE cod.	FILTER CASE cod.	AIR OUTLET FIRE DAMPER cod.	AIR INLET FIRE DAMPER cod.
AS COND 50	61,10	59,80	38400000	38400020	384000201	38400025	-	-
AS COND 50 EX			38400001	-	-		38400026	38400027
AS COND 65	76,00	73,00	38410000	38410020	38410021	38410025	-	-
AS COND 65 EX			38410001	-	-		38410026	38410027
AS COND 80	98,50	96,30	38420000	38420020	38420021	38420025	-	-
AS COND 80 EX			38420001	-	-		38420026	38420027
AS COND 100	122,00	116,40	38430000	38430020	38430021	38430025	-	-
AS COND 100 EX			38430001	-	-		38430026	38430027
AS COND 150	179,00	178,60	38440000	38440020	38440021	38440025	-	-
AS COND 150 EX			38440001	-	-		38440026	38440027
AS COND 175	203,00	201,80	38450000	38450020	38450021	38450025	-	-
AS COND 175 EX			38450001	-	-		38450026	38450027
AS COND 200	238,00	234,20	38460000	38460020	38460021	38460025	-	-
AS COND 200 EX			38460001	-	-		38460026	38460027
AS COND 250	270,00	269,00	38470000	38470020	38470021	38470025	-	-
AS COND 250 EX			38470001	-	-		38470026	38470027
AS COND 300	313,00	310,00	38480000	38480020	38480021	38480025	-	-
AS COND 300 EX			38480001	-	-		38480026	38480027

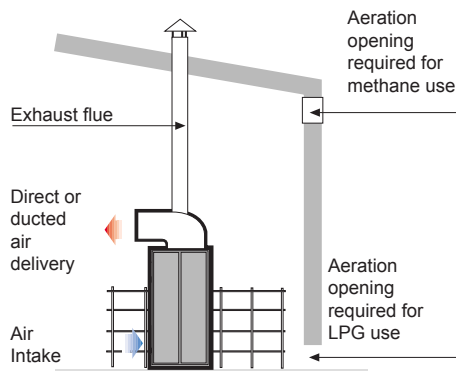


Examples of installation AS COND - AS COND EX

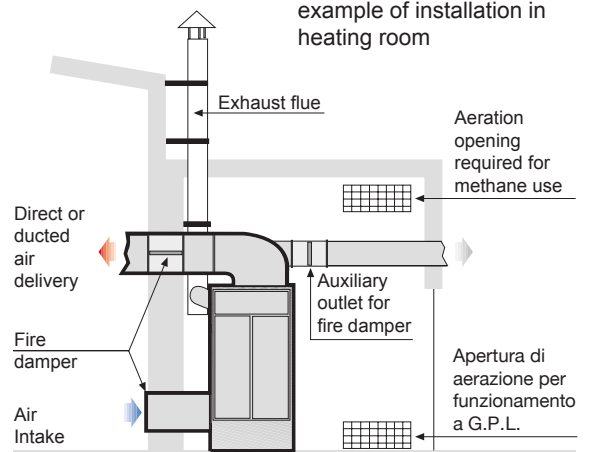
example of outdoor installation



Example of indoor installation, inside the room to be heated



example of installation in heating room



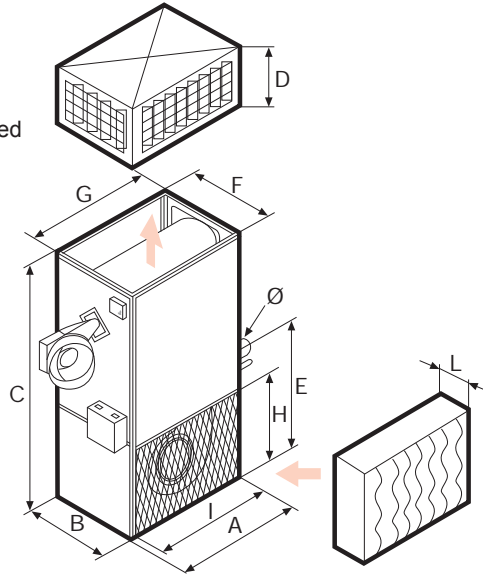
AS COND - AS COND EX

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Dimensions and Weight AS COND - AS COND EX

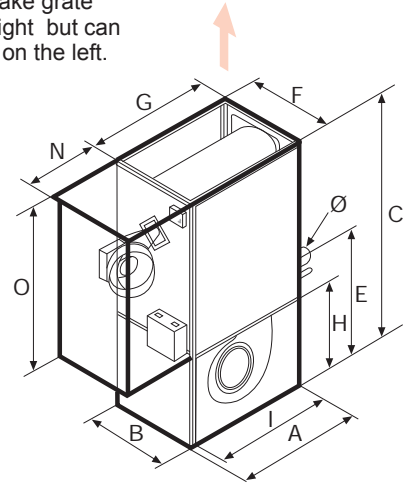
AS COND

The air intake grate is on the left but can be placed on the right



AS COND EX

The air intake grate is on the right but can be placed on the left.



Dimensions AS COND

Models	Dimensions in mm			H Plenum	H Ex. flue	Air delivery connection		Air intake connection		Filter frame	Exhaust
	Length	Width	Height			F	G	H	I		
AS COND 50	870	636	1750	305	860	596	850	630	830	20	100
AS COND 65	870	636	1750	305	860	596	850	630	830	20	100
AS COND 80	1020	750	1950	405	935	670	940	690	940	40	130
AS COND 100	1020	750	1950	405	935	670	940	690	940	40	130
AS COND 150	1440	1020	2340	405	1070	940	1360	760	1360	40	150
AS COND 175	1440	1020	2340	405	1070	940	1360	760	1360	40	150
AS COND 200	1440	1020	2340	405	1070	940	1360	760	1360	40	150
AS COND 250	1790	1020	2340	405	1130	940	1710	760	1710	40	200
AS COND 300	1790	1020	2340	405	1130	940	1710	760	1710	40	200

Dimensions AS COND EX

Models	Dimensions in mm			H Plenum	Air delivery connection		Air intake connection		Cabin Burner		Exhaust
	Length	Width	Height		F	G	H	I	Depth	Height	
AS COND 50 EX	890	636	1750	860	596	850	630	850	400	1100	100
AS COND 65 EX	890	636	1750	860	596	850	630	850	400	1100	100
AS COND 80 EX	1020	750	1950	935	670	940	690	940	400	1220	130
AS COND 100 EX	1020	750	1950	935	670	940	690	940	400	1220	130
AS COND 150 EX	1440	1020	2340	1070	940	1360	760	1360	650	1540	150
AS COND 175 EX	1440	1020	2340	1070	940	1360	760	1360	650	1540	150
AS COND 200 EX	1440	1020	2340	1070	940	1360	760	1360	650	1540	150
AS COND 250 EX	1790	1020	2340	1130	940	1710	760	1710	800	2170	200
AS COND 300 EX	1790	1020	2340	1130	940	1710	760	1710	800	2170	200

Weight AS COND

Model	Weight generator*		Plenum net weight
	net	packaged	
AS COND 50	165	175	17
AS COND 65	170	180	17
AS COND 80	270	282	27
AS COND 100	275	287	27
AS COND 150	435	450	42
AS COND 175	440	455	42
AS COND 200	445	460	42
AS COND 250	570	590	50
AS COND 300	580	600	50

Weight AS COND EX

Model	Weight*	
	net	packaged
AS COND 50 EX	187	197
AS COND 65 EX	192	202
AS COND 80 EX	295	307
AS COND 100 EX	300	312
AS COND 150 EX	479	494
AS COND 175 EX	484	499
AS COND 200 EX	489	504
AS COND 250 EX	615	635
AS COND 300 EX	623	645

(* Completed with burner and gas unit

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AS COND - AS COND EX

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Canalizzabili AS COND - AS COND EX

In case the heater is installed inside the heating room, the air diffusion is realised by means of ducting system.

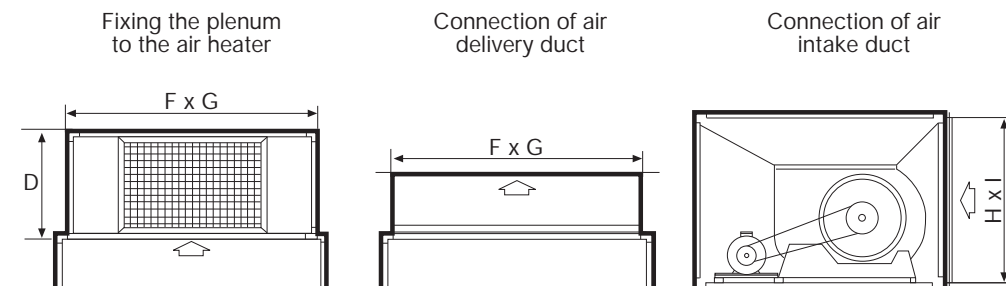


Tabella dati tecnici generatori a basamento AS COND - AS COND EX 50÷200

DESCRIPTION		50	65	80	100		175	200	250	300	
Gas consumption (a 0 °C-1.013 mbar)	<i>Metano G20 a 20 mbar</i>	m ³ /h	6,47	8,04	10,42	12,91		21,48	25,19	28,57	33,12
	<i>Gas Nat. G25 a 25 mbar</i>	m ³ /h	7,52	9,40	12,1	15,0		25,0	29,3	33,24	38,53
	<i>Propano G31 a 37 mbar</i>	kg/h	4,75	5,90	7,65	9,48		15,77	18,49	20,98	24,32
	<i>Butano G30 a 28 mbar</i>	kg/h	4,82	5,49	7,77	9,62		16,01	18,77	21,29	24,68
	<i>NOx (50 mg/kWh)</i>	CL									
Nominal heat input Qn	kW	61,1	76	98,5	122		203	238	270	313	
Nominal heat output Pn	kW	59,8	73	96,3	116,4		201,8	234,2	269,0	310,0	
Heating efficiency ratio at nominal output	%	97,9	96,1	97,8	95,4		99,4	98,4	99,3	98,7	
Heat input at 50% of the nominal heat input	kW	30,55	38	49,25	61		101,5	119,0	162,0	187,8	
Heat output at 50% of the nominal heat input	kW	31,8	39	51,6	62,1		106	123,6	167,3	191,3	
Heating efficiency ratio at 50% of the nominal heat input	%	104,2	102,6	104,9	101,8		104,5	103,9	103,3	101,8	
Min. heat input Qmin	kW	22	22	31	31		53	53	88	102	
Heat output at Qmin	kW	23,3	23,3	33,4	33,4		56,65	56,65	94,51	109,0	
Heating efficiency ratio at Qmin	%	106	106	107,8	107,8		106,9	106,9	107,4	106,9	
Combustion chamber backpressure with G20 at Qn	mbar	4,3	7,5	3,4	5,1		5,2	6,2	4,0	4,8	
Combustion chamber backpressure with G30 at Qn	mbar	4	7,4	3,1	4,7		5,0	5,9	3,8	4,6	
Air flow rate at 18 °C	m ³ /h	4.700	6.500	7.560	9.200		15.800	18.000	20.800	24.000	
Air delivery static pressure	Pa	150	150	150	150		200	200	200	200	
Air T at nominal heat input	°C	37,4	35,1	37,2	37,2		37,6	38,3	37,1	37,0	
Motor fan power input	kW x n°	0,736	0,736	1,5	2,2		4,0	5,5	3x2	4x2	
Motor fan power supply		230V/1/50Hz				400V/3+N/50Hz					
Motor fan absorption	A	7,7	7,7	3,6	5,1		9,2	12	7x2	9,2x2	
Motor fan absorption at 3Ph 230V 60Hz	A	-	-	6,2	9,3		15	20	12x2	15x2	
Sound pressure (at 5 m)		70,0	72,0	72,0	73,0		73,0	74,0	74,0	75,0	
EX versions protection class	dB(A)	X5D									