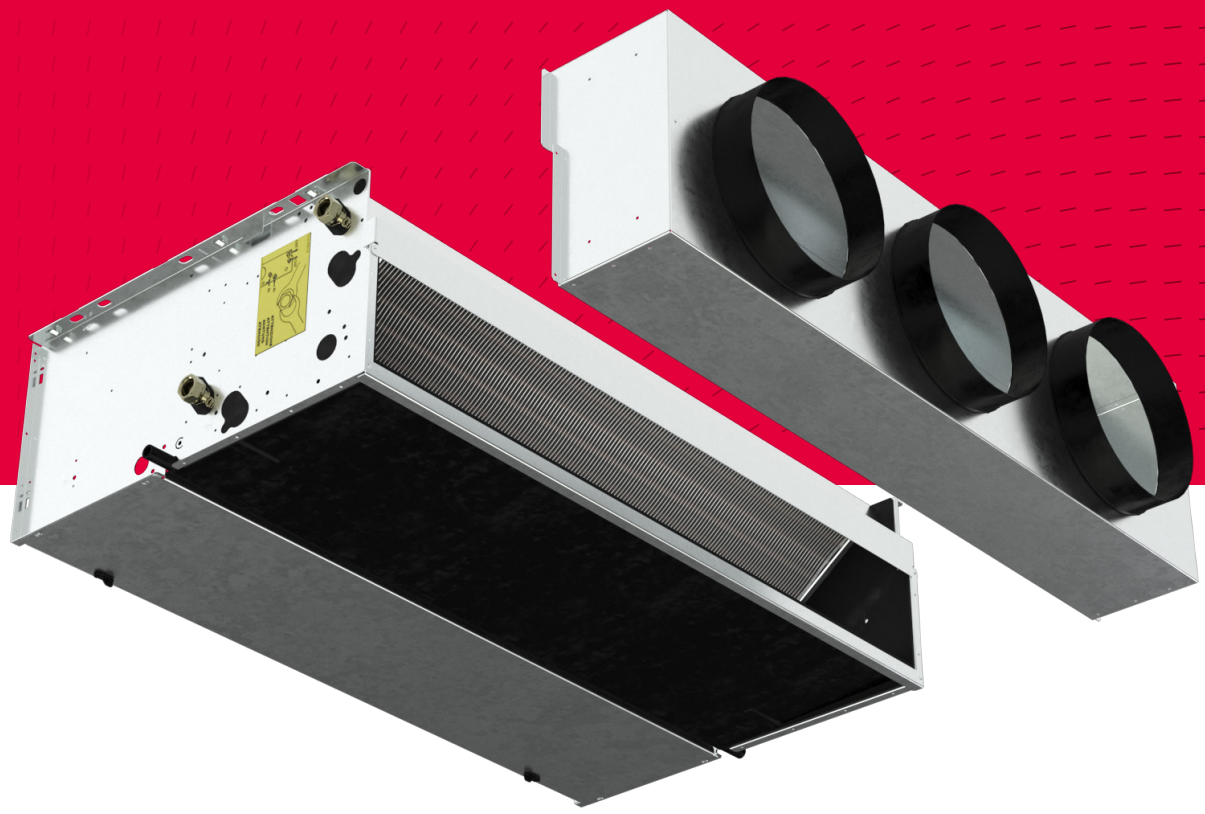
redge FORMERLY LENNOX

INALTO MPS
INALTO MPS ECM

Ducted units Medium ESP



INALTO MPS

MODEL
MPS - DUCTED MPS AC Motor
MPE - DUCTED MPS EC Motor

3

SIZE
1
2
3
4
5
6
7
8
9

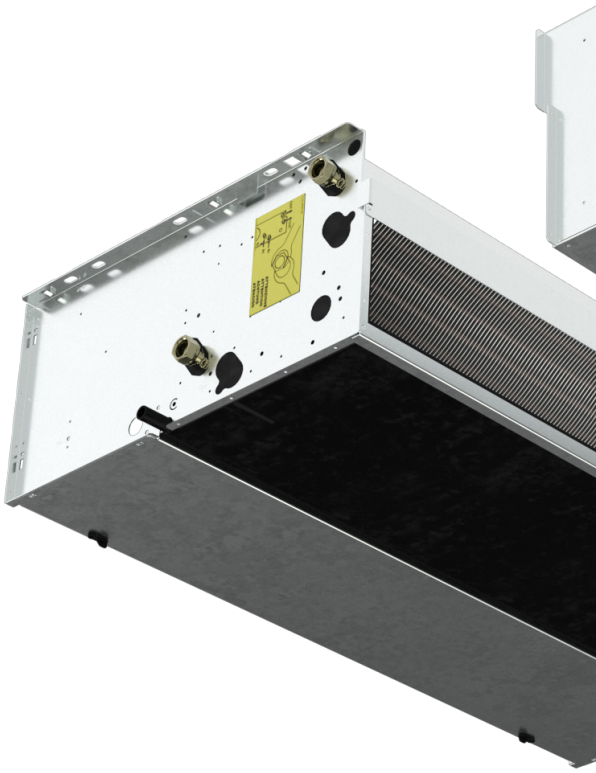
3

COIL ROWS
3
3+1
3+2
4
4+1

L

HYDRAULIC CONNECTIONS
L - Left
R - Right

Range includes 7 air flow rates (from 340 to 2100 m3/h), each equipped with 3 or 4 row coil and with the possibility to add a 1 or 2 row coil for 4 pipe systems.
It is the most comprehensive range, perfect to meet all air-conditioning requirements of work environments like offices, shops, restaurants and hotel rooms featuring ducted installations with available pressure up to 80 Pa.
Compliant with Regulation (EU) No. 327/2011.



CASING

Made of 1 mm galvanized steel, a rear panel and two lateral sides insulated with 3 mm polyolefin (PO) foam B-s2-d0 EN 13501-1.

FAN ASSEMBLY

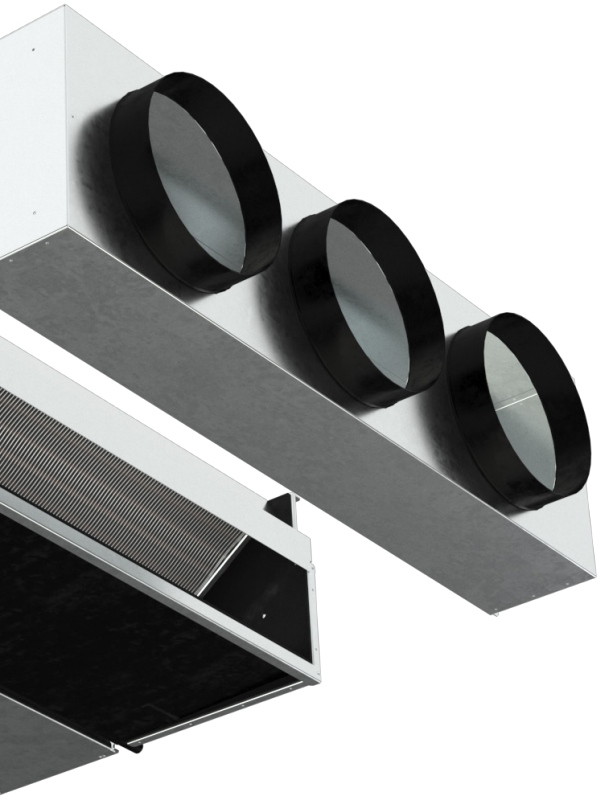
The fans have aluminium or plastic blades directly keyed on the motor with double aspiration and they are dynamically and statically balanced during manufacture in order to have an extremely quiet operation.

ELECTRIC MOTOR

The motor is wired for single phase and has five speeds with capacitor. The motor is fitted on sealed for life bearings and is secured on anti-vibration and self-lubricating mountings. Internal thermal protection with automatic reset, protection IP 20, class B.

COIL

It is manufactured from drawn copper tube and the aluminium fins are mechanically bonded onto the tube by an expansion process. The main coil and additional coil are equipped with two Ø 1/2" BSP female gas connections.
The coil has Ø 1/8" inch BSP air vent and drain.
The coil is not suitable for use in corrosive atmosphere or in environments where aluminium may be subject to corrosion.
The connections are on the left side looking from the air outlet of the unit (see picture).
On request we can deliver the unit with the connections on the right end side. This operation can also be easily carried out on the construction site during installation.



CONDENSATE COLLECTION TRAY

Made of plastic (ABS UL94 HB) for sizes 1÷4 and painted steel for sizes 5÷7 with a L-shaped fitted on the inner casing; the tray is insulated with 3 mm polyolefin (PO) foam B-s2-d0 EN 13501-1. The outside diameter of the condensate discharge pipe is 15 mm.

FILTER

Polypropylene cellular fabric regenerating filter.
The filter frame of galvanized steel is inserted into special plastic sliding guides fastened to the internal structure for easy insertion and removal of the filter.

3 ROW COIL - 2 PIPE UNITS

The following standard rating conditions are used:

COOLING

Entering air temperature: + 27 °C d.b. + 19 °C w.b.
Water temperature: +7 °C E.W.T. +12 °C L.W.T.

HEATING

Entering air temperature: + 20 °C
Water temperature: +45 °C E.W.T. +40 °C L.W.T.

MODEL		INALTO 13			INALTO 23			INALTO 33			INALTO 43		
SPEED		1	4	5	1	4	5	1	4	5	1	4	5
		MIN	MED	MAX	MIN	MED	MAX	MIN	MED	MAX	MIN	MED	MAX
Air flow	m^3/h	205	290	315	395	575	625	380	720	790	600	850	980
Available pressure	Pa	25	50	58	26	50	58	14	50	60	23	50	65
Cooling total emission	kW	1,43	1,88	2,00	2,57	3,40	3,60	2,68	4,42	4,72	3,85	4,97	5,47
Cooling sensible emission	kW	1,01	1,35	1,44	1,85	2,53	2,70	1,90	3,30	3,55	2,82	3,77	4,22
Heating emission	kW	1,43	1,96	2,11	2,67	3,70	3,98	2,71	4,82	5,22	4,10	5,56	6,27
Dp Cooling	kPa	11,0	17,0	20,0	10,6	17,7	19,6	6,3	15,7	17,7	12,2	19,4	23,2
Dp Heating	kPa	9,0	16,0	18,0	8,9	16,1	18,3	5,1	14,3	16,6	10,7	18,6	23,0
Fan	W	27	45	51	59	87	94	50	96	110	89	120	146
Sound power outlet (Lw)	dB(A)	34	42	43	38	47	49	36	48	51	44	52	55
Sound power inlet + radiated (Lw)	dB(A)	42	50	52	45	55	56	43	56	58	51	59	62
Sound pressure level outlet (Lp) (1)	dB(A)	25	33	34	29	38	40	27	39	42	35	43	46
Sound pressure level inlet + radiated (Lp) (1)	dB(A)	33	41	43	36	46	47	34	47	49	42	50	53
Plenum code		9069191	9069191	9069191	9069222	9069222	9069222	9066368	9066368	9066368	9066368	9066368	9066368

MODEL		INALTO 53			INALTO 63			INALTO 73		
SPEED		1	4	5	1	4	5	1	3	4
		MIN	MED	MAX	MIN	MED	MAX	MIN	MED	MAX
Air flow	m^3/h	475	810	970	580	1120	1240	905	1270	1425
Available pressure	Pa	18	50	70	15	50	60	26	50	63
Cooling total emission	kW	3,30	5,04	5,72	3,99	6,62	7,11	5,58	7,11	7,70
Cooling sensible emission	kW	2,31	3,64	4,19	2,83	4,94	5,36	4,06	5,37	5,89
Heating emission	kW	3,33	5,36	6,25	3,94	6,96	7,58	5,82	7,73	8,49
Dp Cooling	kPa	12,2	26,3	33,1	6,6	16,4	18,7	12,2	18,8	21,7
Dp Heating	kPa	9,7	23,0	30,4	5,1	14,2	16,5	10,3	17,1	20,2
Fan	W	65	110	140	66	125	145	155	177	186
Sound power outlet (Lw)	dB(A)	37	48	53	38	50	52	46	53	56
Sound power inlet + radiated (Lw)	dB(A)	43	56	60	46	58	60	53	60	63
Sound pressure level outlet (Lp) (1)	dB(A)	28	39	44	29	41	43	37	44	47
Sound pressure level inlet + radiated (Lp) (1)	dB(A)	34	47	51	37	49	51	44	51	54
Plenum code		9069195	9069195	9069195	9069196	9069196	9069196	9069196	9069196	9069196

(1) The sound pressure levels are 9 dB (A) lower than the sound power levels, apply to the reverberant field of a 100 m^3 room and a reverberation time of 0.5 sec.
MIN-MED-MAX = Speeds connected in the factory

4 ROW COIL - 2 PIPE UNITS

The following standard rating conditions are used:

COOLING

Entering air temperature: + 27 °C d.b. + 19 °C w.b.
Water temperature: +7 °C E.W.T. +12 °C L.W.T.

HEATING

Entering air temperature: + 20 °C
Water temperature: +45 °C E.W.T. +40 °C L.W.T.

MODEL		INALTO 14			INALTO 24			INALTO 34			INALTO 44		
SPEED		1	4	5	1	4	5	1	4	5	1	4	5
		MIN	MED	MAX	MIN	MED	MAX	MIN	MED	MAX	MIN	MED	MAX
Air flow	m^3/h	205	290	315	395	575	625	380	720	790	600	850	980
Available pressure	Pa	25	50	58	26	50	58	14	50	60	23	50	65
Cooling total emission	kW	1,54	2,07	2,22	2,93	4,01	4,28	2,89	4,99	5,36	4,10	5,36	5,94
Cooling sensible emission	kW	1,07	1,46	1,57	2,03	2,84	3,04	2,00	3,55	3,84	2,95	3,97	4,46
Heating emission	kW	1,49	2,07	2,23	2,85	4,02	4,34	2,76	4,99	5,42	4,22	5,77	6,55
Dp Cooling	kPa	5,6	9,7	11,0	15,8	27,9	31,3	11,8	31,7	36,1	7,9	12,9	15,6
Dp Heating	kPa	5,1	9,2	10,5	12,3	22,8	26,2	8,6	24,9	28,9	6,6	11,5	14,5
Fan	W	27	45	51	59	87	94	50	96	110	89	120	146
Sound power outlet (Lw)	dB(A)	34	42	43	38	47	49	36	48	51	44	52	55
Sound power inlet + radiated (Lw)	dB(A)	42	50	52	45	55	56	43	56	58	51	59	62
Sound pressure level outlet (Lp) (1)	dB(A)	25	33	34	29	38	40	27	39	42	35	43	46
Sound pressure level inlet + radiated (Lp) (1)	dB(A)	33	41	43	36	46	47	34	47	49	42	50	53
Plenum code		9069191	9069191	9069191	9069222	9069222	9069222	9066368	9066368	9066368	9066368	9066368	9066368

MODEL		INALTO 54			INALTO 64			INALTO 74		
SPEED		1	4	5	1	4	5	1	3	4
		MIN	MED	MAX	MIN	MED	MAX	MIN	MED	MAX
Air flow	m^3/h	475	810	970	580	1120	1240	905	1270	1425
Available pressure	Pa	18	50	70	15	50	60	26	50	63
Cooling total emission	kW	3,48	5,44	6,22	4,23	7,25	7,82	6,10	7,92	8,62
Cooling sensible emission	kW	2,43	3,89	4,52	2,96	5,26	5,72	4,34	5,80	6,38
Heating emission	kW	3,41	5,57	6,54	4,17	7,63	8,34	6,30	8,52	9,42
Dp Cooling	kPa	6,3	14,2	18,1	5,1	13,6	15,6	10,1	16,1	18,7
Dp Heating	kPa	5,2	12,5	16,7	4,3	12,7	15,0	9,0	15,6	18,6
Fan	W	65	110	140	66	125	145	155	177	186
Sound power outlet (Lw)	dB(A)	37	48	53	38	50	52	46	53	56
Sound power inlet + radiated (Lw)	dB(A)	43	56	60	46	58	60	53	60	63
Sound pressure level outlet (Lp) (1)	dB(A)	28	39	44	29	41	43	37	44	47
Sound pressure level inlet + radiated (Lp) (1)	dB(A)	34	47	51	37	49	51	44	51	54
Plenum code		9069195	9069195	9069195	9069196	9069196	9069196	9069196	9069196	9069196

(1) The sound pressure levels are 9 dB (A) lower than the sound power levels, apply to the reverberant field of a 100 m^3 room and a reverberation time of 0.5 sec.
MIN-MED-MAX = Speeds connected in the factory

3+1 ROW COIL - 4 PIPE UNITS

The following standard rating conditions are used:

COOLING

Entering air temperature: + 27 °C d.b. + 19 °C w.b.
Water temperature: +7 °C E.W.T. +12 °C L.W.T.

HEATING

Entering air temperature: + 20 °C
Water temperature: +65 °C E.W.T. +55 °C L.W.T.

MODEL		INALTO 13+1			INALTO 23+1			INALTO 33+1			INALTO 43+1		
SPEED		1	4	5	1	4	5	1	4	5	1	4	5
		MIN	MED	MAX	MIN	MED	MAX	MIN	MED	MAX	MIN	MED	MAX
Air flow	m^3/h	205	290	315	395	575	625	380	720	790	600	850	980
Available pressure	Pa	25	50	58	26	50	58	14	50	60	23	50	65
Cooling total emission	kW	1,43	1,88	2,00	2,57	3,40	3,60	2,68	4,42	4,72	3,85	4,97	5,47
Cooling sensible emission	kW	1,01	1,35	1,44	1,85	2,53	2,70	1,90	3,30	3,55	2,82	3,77	4,22
Heating emission	kW	1,30	1,66	1,76	2,22	2,85	3,02	2,38	3,68	3,91	3,26	4,10	4,49
Dp Cooling	kPa	10,5	17,4	19,5	10,6	17,7	19,6	6,3	15,7	17,7	12,2	19,4	23,2
Dp Heating	kPa	4,4	6,8	7,5	2,8	4,3	4,8	3,1	6,7	7,5	5,4	8,2	9,6
Fan	W	27	45	51	59	87	94	50	96	110	89	120	146
Sound power outlet (Lw)	dB(A)	34	42	43	38	47	49	36	48	51	44	52	55
Sound power inlet + radiated (Lw)	dB(A)	42	50	52	45	55	56	43	56	58	51	59	62
Sound pressure level outlet (Lp) (1)	dB(A)	25	33	34	29	38	40	27	39	42	35	43	46
Sound pressure level inlet + radiated (Lp) (1)	dB(A)	33	41	43	36	46	47	34	47	49	42	50	53
Plenum code		9069191	9069191	9069191	9069222	9069222	9069222	9066368	9066368	9066368	9066368	9066368	9066368

MODEL		INALTO 53+1			INALTO 63+1			INALTO 73+1		
SPEED		1	4	5	1	4	5	1	3	4
		MIN	MED	MAX	MIN	MED	MAX	MIN	MED	MAX
Air flow	m^3/h	475	810	970	580	1120	1240	905	1270	1425
Available pressure	Pa	18	50	70	15	50	60	26	50	63
Cooling total emission	kW	3,32	5,10	5,78	3,99	6,62	7,11	5,58	7,11	7,70
Cooling sensible emission	kW	2,33	3,67	4,23	2,83	4,94	5,36	4,06	5,37	5,89
Heating emission	kW	2,85	4,11	4,63	3,48	5,44	5,80	4,72	5,90	6,35
Dp Cooling	kPa	12,3	26,7	33,7	6,6	16,4	18,7	12,2	18,8	21,7
Dp Heating	kPa	3,8	7,4	9,1	6,1	13,7	15,3	10,6	15,8	18,1
Fan	W	65	110	140	66	125	145	155	177	186
Sound power outlet (Lw)	dB(A)	37	48	53	38	50	52	46	53	56
Sound power inlet + radiated (Lw)	dB(A)	43	56	60	46	58	60	53	60	63
Sound pressure level outlet (Lp) (1)	dB(A)	28	39	44	29	41	43	37	44	47
Sound pressure level inlet + radiated (Lp) (1)	dB(A)	34	47	51	37	49	51	44	51	54
Plenum code		9069195	9069195	9069195	9069196	9069196	9069196	9069196	9069196	9069196

(1) The sound pressure levels are 9 dB (A) lower than the sound power levels, apply to the reverberant field of a 100 m^3 room and a reverberation time of 0.5 sec.
MIN-MED-MAX = Speeds connected in the factory

3 ROW COIL - 2 PIPE UNITS

The following standard rating conditions are used:

COOLING

Entering air temperature: + 27 °C d.b. + 19 °C w.b.
Water temperature: +7 °C E.W.T. +12 °C L.W.T.

HEATING

Entering air temperature: + 20 °C
Water temperature: +45 °C E.W.T. +40 °C L.W.T.

Available pressure: 0 Pa

MODEL		INALTO 13					INALTO 23					INALTO 33					INALTO 43				
SPEED		1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
		MIN			MED	MAX	MIN			MED	MAX	MIN			MED	MAX	MIN			MED	MAX
Air flow	m^3/h	340	400	445	490	535	515	600	660	780	860	500	620	750	960	1115	655	815	955	1080	1340
Cooling total emission	kW	2,14	2,41	2,59	2,81	2,93	3,16	3,52	3,75	4,29	4,47	3,36	3,98	4,57	5,54	6,00	4,12	4,83	5,39	6,00	6,74
Cooling sensible emission	kW	1,57	1,78	1,94	2,09	2,24	2,33	2,63	2,84	3,23	3,49	2,44	2,93	3,43	4,19	4,72	3,04	3,65	4,15	4,58	5,43
Heating emission	kW	2,25	2,59	2,84	3,08	3,31	3,37	3,84	4,16	4,78	5,18	3,48	4,22	4,98	6,16	6,99	4,43	5,36	6,14	6,80	8,11
Dp Cooling	kPa	21,7	26,8	30,7	34,6	38,5	15,3	18,6	21,0	25,7	28,8	9,4	12,8	16,5	22,6	27,1	13,8	18,4	22,4	26,1	33,7
Dp Heating	kPa	20,2	26,0	30,6	35,4	40,3	13,6	17,2	19,8	25,4	29,4	8,0	11,3	15,2	22,3	28,0	12,3	17,4	22,2	26,7	36,6
Fan	W	28,0	35,0	41,0	47,0	55,0	62,0	74,0	82,0	98,0	110,0	50,0	64,0	80,0	106,0	126,0	93,0	110,0	127,0	142,0	175,0
Sound power (Lw)	dB(A)	40	43	46	48	51	42	46	48	52	55	38	43	48	54	57	45	51	55	58	63
Sound pressure (Lp) (1)	dB(A)	31	34	37	39	42	33	37	39	43	46	29	34	39	44	48	36	42	46	49	54

MODEL		INALTO 53					INALTO 63					INALTO 73				
SPEED		1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
		MIN			MED	MAX	MIN			MED	MAX	MIN		MED	MAX	
Air flow	m^3/h	595	760	895	1030	1375	720	1015	1210	1425	1635	970	1190	1490	1810	2100
Cooling total emission	kW	3,98	4,82	5,43	6,11	7,24	4,77	6,19	7,01	7,97	8,56	5,87	6,78	7,90	9,22	9,89
Cooling sensible emission	kW	2,82	3,46	3,95	4,42	5,53	3,44	4,58	5,27	5,99	6,67	4,30	5,08	6,08	7,09	7,97
Heating emission	kW	4,08	5,06	5,84	6,59	8,38	4,77	6,41	7,43	8,49	9,50	6,18	7,32	8,80	10,29	11,54
Dp Cooling	kPa	17,0	24,1	29,9	35,7	50,6	9,0	14,5	18,1	22,1	26,1	13,4	17,4	22,9	28,8	34,1
Dp Heating	kPa	14,1	20,7	26,9	33,4	51,4	7,2	12,2	15,9	20,2	24,7	11,4	15,5	21,6	28,6	35,2
Fan	W	70,0	94,0	111,0	129,0	174,0	68,0	100,0	122,0	144,0	166,0	163,0	186,0	213,0	228,0	245,0
Sound power (Lw)	dB(A)	43	49	53	56	62	42	49	54	58	61	48	54	59	63	66
Sound pressure (Lp) (1)	dB(A)	34	40	44	47	53	33	40	45	48	52	39	45	49	53	57

(1) The sound pressure levels are 9 dB (A) lower than the sound power levels, apply to the reverberant field of a 100 m^3 room and a reverberation time of 0.5 sec.
MIN-MED-MAX = Speeds connected in the factory.
For the data on different static pressure values, please consult Redge Selection Software

4 ROW COIL - 2 PIPE UNITS

The following standard rating conditions are used:

COOLING

Entering air temperature: + 27 °C d.b. + 19 °C w.b.
Water temperature: +7 °C E.W.T. +12 °C L.W.T.

HEATING

Entering air temperature: + 20 °C
Water temperature: +45 °C E.W.T. +40 °C L.W.T.

Available pressure: 0 Pa

MODEL		INALTO 14					INALTO 24					INALTO 34					INALTO 44				
SPEED		1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
		MIN			MED	MAX	MIN			MED	MAX	MIN			MED	MAX	MIN			MED	MAX
Air flow	m^3/h	340	400	445	490	535	515	600	660	780	860	500	620	750	960	1115	655	815	955	1080	1340
Cooling total emission	kW	2,39	2,71	2,94	3,21	3,37	3,69	4,16	4,48	5,18	5,45	3,71	4,44	5,17	6,34	6,95	4,41	5,20	5,84	6,53	7,42
Cooling sensible emission	kW	1,71	1,97	2,15	2,33	2,50	2,59	2,96	3,21	3,69	3,99	2,59	3,13	3,69	4,54	5,14	3,18	3,83	4,38	4,85	5,77
Heating emission	kW	2,39	2,78	3,06	3,33	3,60	3,63	4,18	4,56	5,29	5,76	3,57	4,34	5,17	6,43	7,32	4,57	5,56	6,41	7,12	8,57
Dp Cooling	kPa	12,3	15,5	17,9	20,5	23,0	23,8	29,6	33,8	42,4	48,3	18,4	25,4	33,6	47,1	57,4	9,0	12,2	15,0	17,7	23,2
Dp Heating	kPa	11,9	15,5	18,5	21,5	24,8	19,0	24,5	28,6	37,4	43,6	13,7	19,4	26,6	39,4	49,7	7,6	10,8	13,9	16,8	23,5
Fan	W	28,0	35,0	41,0	47,0	55,0	62,0	74,0	82,0	98,0	110,0	50,0	64,0	80,0	106,0	126,0	93,0	110,0	127,0	142,0	175,0
Sound power (Lw)	dB(A)	40	43	46	48	51	42	46	48	52	55	38	43	48	54	57	45	51	55	58	63
Sound pressure (Lp) (1)	dB(A)	31	34	37	39	42	33	37	39	43	46	29	34	39	44	48	36	42	46	49	54

MODEL		INALTO 54					INALTO 64					INALTO 74				
SPEED		1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
		MIN			MED	MAX	MIN			MED	MAX	MIN		MED	MAX	
Air flow	m^3/h	595	760	895	1030	1375	720	1015	1210	1425	1635	970	1190	1490	1810	2100
Cooling total emission	kW	4,24	5,18	5,88	6,65	8,01	5,10	6,75	7,69	8,80	9,55	6,45	7,53	8,88	10,42	11,29
Cooling sensible emission	kW	2,98	3,69	4,24	4,76	6,02	3,60	4,86	5,62	6,42	7,18	4,61	5,48	6,60	7,74	8,72
Heating emission	kW	4,21	5,26	6,09	6,90	8,84	5,10	6,98	8,16	9,42	10,62	6,70	8,04	9,80	11,58	13,13
Dp Cooling	kPa	9,0	13,0	16,3	19,7	28,5	7,2	11,9	15,1	18,7	22,4	11,2	14,8	19,9	25,4	30,5
Dp Heating	kPa	7,6	11,3	14,7	18,4	28,8	6,2	10,9	14,4	18,6	23,1	10,1	14,0	20,0	27,0	33,9
Fan	W	70,0	94,0	111,0	129,0	174,0	68,0	100,0	122,0	144,0	166,0	163,0	186,0	213,0	228,0	245,0
Sound power (Lw)	dB(A)	43	49	53	56	62	42	49	54	58	61	48	54	59	63	66
Sound pressure (Lp) (1)	dB(A)	34	40	44	47	53	33	40	45	48	52	39	45	49	53	57

(1) The sound pressure levels are 9 dB (A) lower than the sound power levels, apply to the reverberant field of a 100 m^3 room and a reverberation time of 0.5 sec.
MIN-MED-MAX = Speeds connected in the factory
For the data on different static pressure values, please consult Redge Selection Software

3+1 ROW COIL - 4 PIPE UNITS

The following standard rating conditions are used:

COOLING

Entering air temperature: + 27 °C d.b. + 19 °C w.b.
Water temperature: +7 °C E.W.T. +12 °C L.W.T.

HEATING

Entering air temperature: + 20 °C
Water temperature: +65 °C E.W.T. +55 °C L.W.T.

Available pressure: 0 Pa

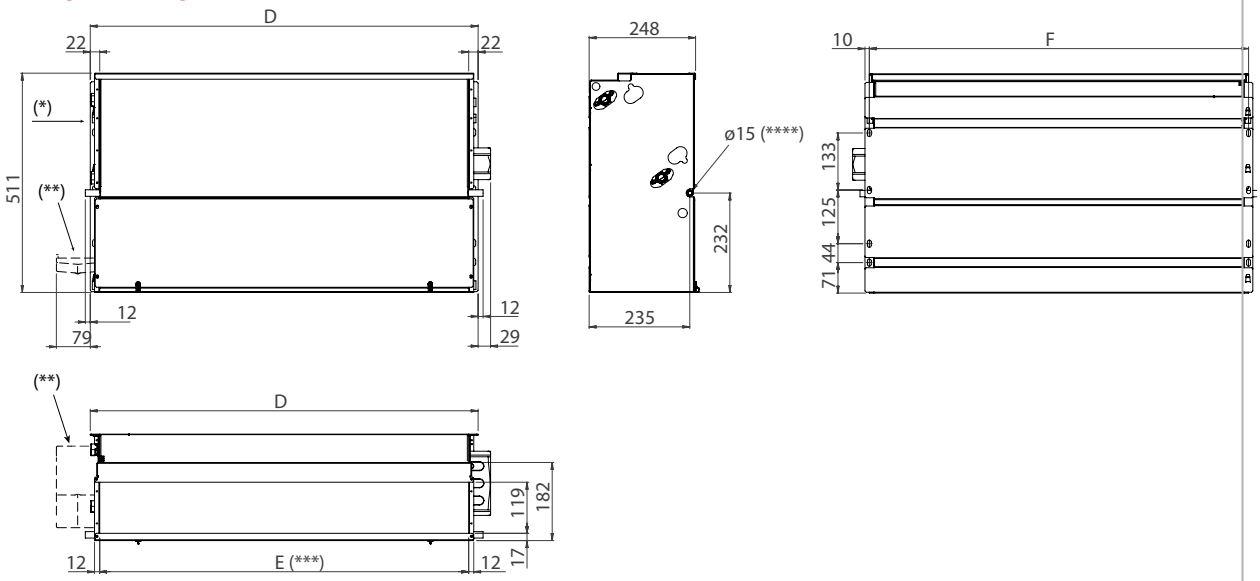
MODEL		INALTO 13+1					INALTO 23+1					INALTO 33+1					INALTO 43+1				
SPEED		1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
		MIN			MED	MAX	MIN			MED	MAX	MIN			MED	MAX	MIN			MED	MAX
Air flow	m^3/h	340	400	445	490	535	515	600	660	780	860	500	620	750	960	1115	655	815	955	1080	1340
Cooling total emission	kW	2,14	2,41	2,59	2,81	2,93	3,16	3,52	3,75	4,29	4,47	3,36	3,98	4,57	5,54	6,00	4,12	4,83	5,39	6,00	6,74
Cooling sensible emission	kW	1,57	1,78	1,94	2,09	2,24	2,33	2,63	2,84	3,23	3,49	2,44	2,93	3,43	4,19	4,72	3,04	3,65	4,15	4,58	5,43
Heating emission	kW	1,85	2,06	2,21	2,36	2,50	2,65	2,94	3,12	3,48	3,70	2,88	3,33	3,78	4,44	4,87	3,45	3,99	4,41	4,78	5,48
Dp Cooling	kPa	21,7	26,8	30,7	34,6	38,5	15,3	18,6	21,0	25,7	28,8	9,4	12,8	16,5	22,6	27,1	13,8	18,4	22,4	26,1	33,7
Dp Heating	kPa	8,3	10,0	11,4	12,8	14,1	3,8	4,6	5,1	6,2	6,9	4,3	5,6	7,1	9,4	11,2	6,0	7,8	9,3	10,8	13,8
Fan	W	28,0	35,0	41,0	47,0	55,0	62,0	74,0	82,0	98,0	110,0	50,0	64,0	80,0	106,0	126,0	93,0	110,0	127,0	142,0	175,0
Sound power (Lw)	dB(A)	40	43	46	48	51	42	46	48	52	55	38	43	48	54	57	45	51	55	58	63
Sound pressure (Lp) (1)	dB(A)	31	34	37	39	42	33	37	39	43	46	29	34	39	44	48	36	42	46	49	54

MODEL		INALTO 53+1					INALTO 63+1					INALTO 73+1				
SPEED		1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
		MIN			MED	MAX	MIN			MED	MAX	MIN		MED	MAX	
Air flow	m^3/h	595	760	895	1030	1375	720	1015	1210	1425	1635	970	1190	1490	1810	2100
Cooling total emission	kW	3,98	4,82	5,43	6,11	7,24	4,77	6,19	7,01	7,97	8,56	5,87	6,78	7,90	9,22	9,89
Cooling sensible emission	kW	2,82	3,46	3,95	4,42	5,53	3,44	4,58	5,27	5,99	6,67	4,30	5,08	6,08	7,09	7,97
Heating emission	kW	3,34	3,94	4,39	4,81	5,79	4,05	5,66	5,72	6,35	6,93	4,94	5,66	6,53	7,40	8,12
Dp Cooling	kPa	17,0	24,1	29,9	35,7	50,6	9,0	14,5	18,1	22,1	26,1	13,4	17,4	22,9	28,8	34,1
Dp Heating	kPa	5,1	6,8	8,3	9,8	13,7	8,0	14,7	14,9	18,1	21,1	11,5	14,7	19,0	23,8	28,1
Fan	W	70,0	94,0	111,0	129,0	174,0	68,0	100,0	122,0	144,0	166,0	163,0	186,0	213,0	228,0	245,0
Sound power (Lw)	dB(A)	43	49	53	56	62	42	49	54	58	61	48	54	59	63	66
Sound pressure (Lp) (1)	dB(A)	34	40	44	47	53	33	40	45	48	52	39	45	49	53	57

(1) The sound pressure levels are 9 dB (A) lower than the sound power levels, apply to the reverberant field of a 100 m^3 room and a reverberation time of 0.5 sec.
MIN-MED-MAX = Speeds connected in the factory
For the data on different static pressure values, please consult Redge Selection Software

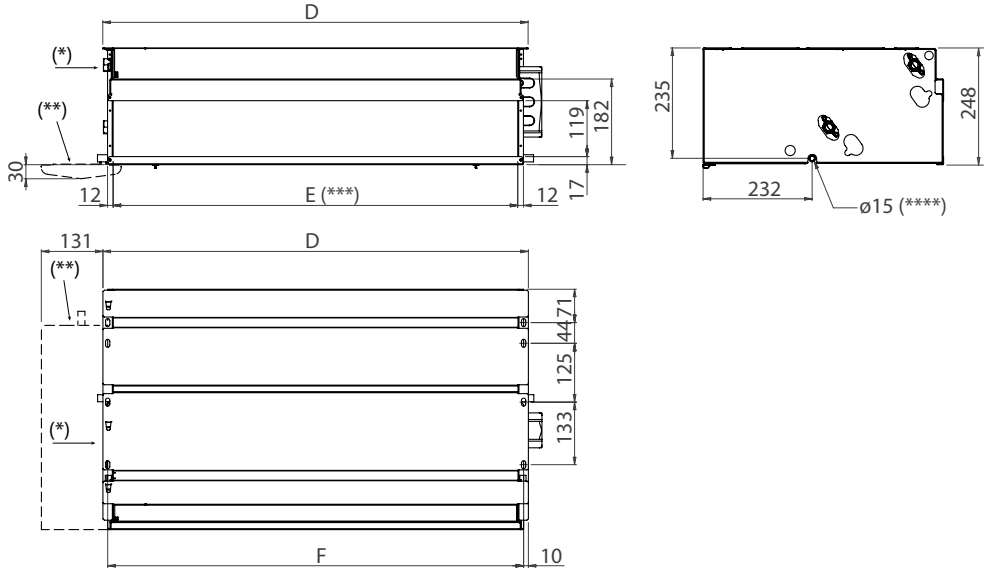
DIMENSIONS

VERTICAL INSTALLATION



(*) = Hydraulic connections on the left
(**) = Auxiliary condensate tray (optional)
(***) = Supply frame dimension E x 119 mm
(****) = External diameter

HORIZONTAL INSTALLATION

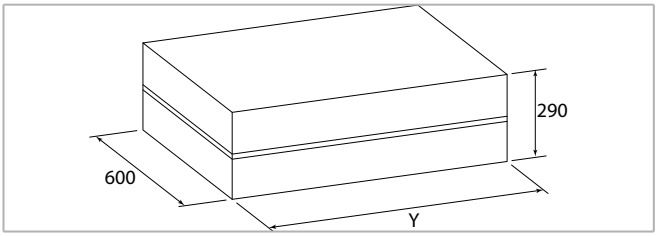


(*) = Hydraulic connections on the left
(**) = Auxiliary condensate tray (optional)
(***) = Supply frame dimension E x 119 mm
(****) = External diameter

MODEL		INALTO 1	INALTO 2	INALTO 3	INALTO 4	INALTO 5	INALTO 6	INALTO 7
D	mm	689	904	1119		1334	1549	
E	mm	645	860	1075		1290	1505	
F	mm	669	884	1099		1314	1529	

PACKED UNIT

MODEL		INALTO 1	INALTO 2	INALTO 3	INALTO 4	INALTO 5	INALTO 6	INALTO 7
Y	mm	820	1035	1250		1580	1790	



WEIGHT

Weight with packaging

MODEL		INALTO 1	INALTO 2	INALTO 3	INALTO 4	INALTO 5	INALTO 6	INALTO 7
3 rows	kg	19,5	26,4	29,5	30,9	42,4	52,2	52,4
3+1 rows	kg	20,7	27,9	31,3	32,7	44,3	54,5	54,7
3+2 rows	kg	21,4	28,8	32,4	33,8	-	-	-
4 rows	kg	20,5	27,7	30,9	32,0	43,8	53,9	54,1
4+1 rows	kg	21,7	29,2	32,7	33,8	45,7	56,2	56,4

Weight without packaging

MODEL		INALTO 1	INALTO 2	INALTO 3	INALTO 4	INALTO 5	INALTO 6	INALTO 7
3 rows	kg	18,5	25,4	26,5	27,9	38,4	47,2	47,4
3+1 rows	kg	19,7	26,9	28,3	29,7	40,3	49,5	49,7
3+2 rows	kg	20,4	27,8	29,4	30,8	-	-	-
4 rows	kg	19,5	26,7	27,9	29,0	39,8	48,9	49,1
4+1 rows	kg	20,7	28,2	29,7	30,8	41,7	51,2	51,4

3 ROW COIL - 2 PIPE UNITS

The following standard rating conditions are used:

COOLING

Entering air temperature: + 27 °C d.b. + 19 °C w.b.
Water temperature: +7 °C E.W.T. +12 °C L.W.T.

HEATING

Entering air temperature: + 20 °C
Water temperature: +45 °C E.W.T. +40 °C L.W.T.

MODEL		INALTO-ECM 03			INALTO-ECM 13			INALTO-ECM 23		
INVERTER SPEED SIGNAL (VDC)		1,5	5,5	8	4	6,3	8	4	6,5	8,5
		MIN	MED	MAX	MIN	MED	MAX	MIN	MED	MAX
Air flow	m^3/h	110	225	290	240	305	360	430	540	630
Available pressure	Pa	10	50	75	32	50	68	34	50	70
Cooling total emission	kW	0,75	1,39	1,65	1,64	1,97	2,23	2,72	3,21	3,55
Cooling sensible emission	kW	0,55	1,00	1,30	1,17	1,42	1,63	1,99	2,38	2,68
Heating emission	kW	0,80	1,50	1,90	1,65	2,05	2,37	2,88	3,51	4,00
Dp Cooling	kPa	3,5	6,7	9,2	13,3	18,7	23,5	11,5	15,6	18,9
Dp Heating	kPa	1,7	5,5	8,0	11,6	17,0	22,1	10,2	14,6	18,5
Fan	W	7	21	37	18	29	39	26	43	64
Sound power outlet (Lw)	dB(A)	29	43	48	38	44	48	42	47	49
Sound power inlet + radiated (Lw)	dB(A)	36	50	55	45	51	55	48	55	58
Sound pressure level outlet (Lp) (1)	dB(A)	20	34	39	29	35	39	33	38	40
Sound pressure level inlet + radiated (Lp) (1)	dB(A)	27	41	46	36	42	46	39	46	49
Plenum code		9069190	9069190	9069190	9069191	9069191	9069191	9069222	9069222	9069222

MODEL		INALTO-ECM 43			INALTO-ECM 73			INALTO-ECM 83		
INVERTER SPEED SIGNAL (VDC)		3,5	7	9	2,5	5	8	5,5	7,5	9
		MIN	MED	MAX	MIN	MED	MAX	MIN	MED	MAX
Air flow	m^3/h	595	835	960	900	1175	1410	1238	1638	1923
Available pressure	Pa	24	50	66	30	50	72	28	50	70
Cooling total emission	kW	3,84	4,94	5,43	5,66	6,81	7,67	6,75	8,60	10,00
Cooling sensible emission	kW	2,83	3,77	4,21	4,15	5,11	5,86	5,05	6,50	7,80
Heating emission	kW	4,07	5,56	6,27	5,69	7,09	8,24	7,00	9,25	10,70
Dp Cooling	kPa	11,8	18,9	22,5	12,1	17,1	21,4	19,0	29,0	39,0
Dp Heating	kPa	10,6	18,6	23,0	9,8	14,6	19,1	25,0	34,0	43,0
Fan	W	30	67	98	52	100	155	84	160	246
Sound power outlet (Lw)	dB(A)	44	52	55	47	54	57	49	56	59
Sound power inlet + radiated (Lw)	dB(A)	51	59	62	54	61	64	56	63	66
Sound pressure level outlet (Lp) (1)	dB(A)	35	43	46	38	45	48	40	47	50
Sound pressure level inlet + radiated (Lp) (1)	dB(A)	42	50	53	45	52	55	47	54	57
Plenum code		9066368	9066368	9066368	9069196	9069196	9069196	9069198	9069198	9069198

(1) The sound pressure levels are 9 dB (A) lower than the sound power levels, apply to the reverberant field of a 100 m^3 room and a reverberation time of 0.5 sec.

4 ROW COIL - 2 PIPE UNITS

The following standard rating conditions are used:

COOLING

Entering air temperature: + 27 °C d.b. + 19 °C w.b.
Water temperature: +7 °C E.W.T. +12 °C L.W.T.

HEATING

Entering air temperature: + 20 °C
Water temperature: +45 °C E.W.T. +40 °C L.W.T.

MODEL		INALTO-ECM 04			INALTO-ECM 14			INALTO-ECM 24		
INVERTER SPEED SIGNAL (VDC)		1,5	5,5	8	4	6,3	8	4	6,5	8,5
		MIN	MED	MAX	MIN	MED	MAX	MIN	MED	MAX
Air flow	m^3/h	110	225	290	240	305	360	430	540	630
Available pressure	Pa	10	50	75	32	50	68	34	50	70
Cooling total emission	kW	0,80	1,55	1,95	1,77	2,17	2,48	3,14	3,79	4,25
Cooling sensible emission	kW	0,60	1,15	1,45	1,25	1,54	1,78	2,20	2,68	3,04
Heating emission	kW	0,80	1,65	2,00	1,73	2,17	2,52	3,08	3,80	4,37
Dp Cooling	kPa	3,5	10,8	15,4	7,2	10,3	13,2	17,5	24,7	30,6
Dp Heating	kPa	2,6	8,1	12,3	6,7	9,9	13,1	14,1	20,6	26,6
Fan	W	7	21	37	18	29	39	26	43	64
Sound power outlet (Lw)	dB(A)	29	43	48	38	44	48	42	47	49
Sound power inlet + radiated (Lw)	dB(A)	36	50	55	45	51	55	48	55	58
Sound pressure level outlet (Lp) (1)	dB(A)	20	34	39	29	35	39	33	38	40
Sound pressure level inlet + radiated (Lp) (1)	dB(A)	27	41	46	36	42	46	39	46	49
Plenum code		9069190	9069190	9069190	9069191	9069191	9069191	9069222	9069222	9069222

MODEL		INALTO-ECM 44			INALTO-ECM 74			INALTO-ECM 84		
INVERTER SPEED SIGNAL (VDC)		3,5	7	9	2,5	5	8	5,5	7,5	9
		MIN	MED	MAX	MIN	MED	MAX	MIN	MED	MAX
Air flow	m^3/h	595	835	960	900	1175	1410	1238	1638	1923
Available pressure	Pa	24	50	66	30	50	72	28	50	70
Cooling total emission	kW	4,09	5,34	5,91	6,12	7,46	8,47	7,20	9,25	10,60
Cooling sensible emission	kW	2,95	3,97	4,45	4,40	5,48	6,33	5,50	7,10	8,20
Heating emission	kW	4,19	5,77	6,55	6,26	7,96	9,35	8,00	10,00	11,50
Dp Cooling	kPa	7,7	12,6	15,2	9,9	14,3	18,1	20,0	30,0	40,0
Dp Heating	kPa	6,5	11,5	14,5	8,9	13,8	18,4	20,0	30,0	39,0
Fan	W	30	67	98	52	100	155	84	160	246
Sound power outlet (Lw)	dB(A)	44	52	55	47	54	57	49	56	59
Sound power inlet + radiated (Lw)	dB(A)	51	59	62	54	61	64	56	63	66
Sound pressure level outlet (Lp) (1)	dB(A)	35	43	46	38	45	48	40	47	50
Sound pressure level inlet + radiated (Lp) (1)	dB(A)	42	50	53	45	52	55	47	54	57
Plenum code		9066368	9066368	9066368	9069196	9069196	9069196	9069198	9069198	9069198

(1) The sound pressure levels are 9 dB (A) lower than the sound power levels, apply to the reverberant field of a 100 m^3 room and a reverberation time of 0.5 sec.

3+1 ROW COIL - 4 PIPE UNITS

The following standard rating conditions are used:

COOLING

Entering air temperature: + 27 °C d.b. + 19 °C w.b.
Water temperature: +7 °C E.W.T. +12 °C L.W.T.

HEATING

Entering air temperature: + 20 °C
Water temperature: +65 °C E.W.T. +55 °C L.W.T.

MODEL		INALTO-ECM 03+1			INALTO-ECM 13+1			INALTO-ECM 23+1		
INVERTER SPEED SIGNAL (VDC)		1,5	5,5	8	4	6,3	8	4	6,5	8,5
		MIN	MED	MAX	MIN	MED	MAX	MIN	MED	MAX
Air flow	m^3/h	110	225	290	240	305	360	430	540	630
Available pressure	Pa	10	50	75	32	50	68	34	50	70
Cooling total emission	kW	0,75	1,39	1,65	1,64	1,97	2,23	2,72	3,21	3,55
Cooling sensible emission	kW	0,55	1,00	1,30	1,17	1,42	1,63	1,98	2,38	2,67
Heating emission	kW	0,56	1,07	1,29	1,46	1,72	1,92	2,36	2,74	3,03
Dp Cooling	kPa	3,5	5,5	6,5	13,3	18,7	23,5	11,5	15,6	18,9
Dp Heating	kPa	1,1	2,4	3,2	5,4	7,2	8,9	3,1	4,0	4,8
Fan	W	7	21	37	18	29	39	26	43	64
Sound power outlet (Lw)	dB(A)	29	43	48	38	44	48	42	47	49
Sound power inlet + radiated (Lw)	dB(A)	36	50	55	45	51	55	48	55	58
Sound pressure level outlet (Lp) (1)	dB(A)	20	34	39	29	35	39	33	38	40
Sound pressure level inlet + radiated (Lp) (1)	dB(A)	27	41	46	36	42	46	39	46	49
Plenum code		9069190	9069190	9069190	9069191	9069191	9069191	9069222	9069222	9069222

MODEL		INALTO-ECM 43+1			INALTO-ECM 73+1			INALTO-ECM 83+1		
INVERTER SPEED SIGNAL (VDC)		3,5	7	9	2,5	5	8	5,5	7,5	9
		MIN	MED	MAX	MIN	MED	MAX	MIN	MED	MAX
Air flow	m^3/h	595	835	960	900	1175	1410	1238	1638	1923
Available pressure	Pa	24	50	66	30	50	72	28	50	70
Cooling total emission	kW	3,84	4,88	5,35	5,66	6,81	7,67	6,75	8,60	10,00
Cooling sensible emission	kW	2,83	3,71	4,13	4,15	5,11	5,86	5,05	6,50	7,80
Heating emission	kW	3,09	3,87	4,22	4,70	5,60	6,31	6,00	7,00	7,80
Dp Cooling	kPa	11,8	18,4	21,9	12,1	17,1	21,4	19,0	29,0	39,0
Dp Heating	kPa	4,9	7,4	8,6	10,5	14,4	17,8	20,0	27,0	29,0
Fan	W	30	67	98	52	100	155	84	160	246
Sound power outlet (Lw)	dB(A)	44	52	55	47	54	57	49	56	59
Sound power inlet + radiated (Lw)	dB(A)	51	59	62	54	61	64	56	63	66
Sound pressure level outlet (Lp) (1)	dB(A)	35	43	46	38	45	48	40	47	50
Sound pressure level inlet + radiated (Lp) (1)	dB(A)	42	50	53	45	52	55	47	54	57
Plenum code		9066368	9066368	9066368	9069196	9069196	9069196	9069198	9069198	9069198

(1) The sound pressure levels are 9 dB (A) lower than the sound power levels, apply to the reverberant field of a 100 m^3 room and a reverberation time of 0.5 sec.

3 ROW COIL - 2 PIPE UNITS

The following standard rating conditions are used:

COOLING

Entering air temperature: + 27 °C d.b. + 19 °C w.b.
Water temperature: +7 °C E.W.T. +12 °C L.W.T.

HEATING

Entering air temperature: + 20 °C
Water temperature: +45 °C E.W.T. +40 °C L.W.T.
Available pressure: 0 Pa

MODEL		INALTO-ECM 03					INALTO-ECM 13					INALTO-ECM 23				
INVERTER SPEED SIGNAL (VDC)		1	3	5	7	0	1	3	5	7,5	10	1	3	5	7,5	10
Air flow	m^3/h	120	299	364	452	567	330	440	560	650	650	550	710	880	1085	1235
Cooling total emission	kW	0,79	1,57	1,80	2,08	2,45	2,11	2,59	3,04	3,39	3,34	3,27	3,89	4,46	5,15	5,44
Cooling sensible emission	kW	0,56	1,18	1,37	1,60	1,93	1,54	1,94	2,34	2,62	2,62	2,44	2,98	3,51	4,09	4,48
Heating emission	kW	0,82	1,73	2,02	2,39	2,83	2,19	2,82	3,44	3,88	3,88	3,56	4,43	5,27	6,22	6,87
Dp Cooling	kPa	3,5	6,8	9,5	11,5	15,6	20,8	30,2	40,7	48,4	48,4	15,9	21,8	28,1	35,7	41,1
Dp Heating	kPa	1,8	7,1	9,4	12,9	17,7	19,2	30,1	43,1	53,7	53,7	15,0	22,2	30,3	40,9	48,9
Fan	W	5,2	14,1	21,2	33,4	55,5	14,0	21,0	37,0	54,0	54,0	21,0	33,0	54,0	92,0	132,0
Sound power (Lw)	dB(A)	30	43	51	55	61	41	48	54	58	58	45	51	55	60	64
Sound pressure (Lp) (1)	dB(A)	21	34	42	46	52	32	39	45	49	49	36	42	46	51	55

MODEL		INALTO-ECM 43					INALTO-ECM 73					INALTO-ECM 83				
INVERTER SPEED SIGNAL (VDC)		1	3	5	7,5	10	1	3	5	7,5	10	1	3	5	7,5	10
Air flow	m^3/h	615	830	1055	1315	1390	880	1240	1605	2110	2460	400	1020	1540	2270	2980
Cooling total emission	kW	3,95	4,89	5,75	6,72	6,82	5,58	7,12	8,43	10,17	10,91	3,10	6,50	8,80	11,50	13,60
Cooling sensible emission	kW	2,92	3,73	4,51	5,33	5,54	4,09	5,39	6,57	8,07	9,00	2,10	4,60	6,40	8,60	10,30
Heating emission	kW	4,19	5,45	6,66	7,98	8,35	5,57	7,43	9,14	11,30	12,69	2,80	6,40	8,90	12,10	14,60
Dp Cooling	kPa	12,4	18,3	24,6	32,0	34,1	11,8	18,3	25,0	34,3	40,8	4,4	16,4	28,3	45,6	63,5
Dp Heating	kPa	11,1	17,9	25,7	35,6	38,5	9,5	15,9	23,1	33,9	41,7	3,2	13,2	24,2	42,0	60,9
Fan	W	20,0	34,0	57,0	101,0	136,0	29,0	55,0	98,0	173,0	277,0	10,4	29,5	79,7	218,2	461,4
Sound power (Lw)	dB(A)	44	51	57	63	64	48	56	61	67	70	32	48	59	67	72
Sound pressure (Lp) (1)	dB(A)	35	42	48	54	55	39	47	52	58	61	23	39	50	58	63

(1) The sound pressure levels are 9 dB (A) lower than the sound power levels, apply to the reverberant field of a 100 m^3 room and a reverberation time of 0.5 sec.

4 ROW COIL - 2 PIPE UNITS

The following standard rating conditions are used:

COOLING

Entering air temperature: + 27 °C d.b. + 19 °C w.b.
Water temperature: +7 °C E.W.T. +12 °C L.W.T.

HEATING

Entering air temperature: + 20 °C
Water temperature: +45 °C E.W.T. +40 °C L.W.T.

Available pressure: 0 Pa

MODEL		INALTO-ECM 04					INALTO-ECM 14					INALTO-ECM 24				
INVERTER SPEED SIGNAL (VDC)		1	3	5	7	10	1	3	5	7,5	10	1	3	5	7,5	10
Air flow	m^3/h	120	299	364	452	567	330	440	560	650	650	550	710	880	1085	1235
Cooling total emission	kW	0,89	1,82	2,11	2,45	2,86	2,33	2,92	3,48	3,91	3,85	3,87	4,70	5,48	6,41	6,87
Cooling sensible emission	kW	0,61	1,30	1,50	1,77	2,08	1,67	2,13	2,60	2,93	2,93	2,75	3,40	4,04	4,76	5,25
Heating emission	kW	0,83	1,82	2,14	2,55	3,05	2,33	3,02	3,75	4,27	4,27	3,86	4,86	5,88	7,03	7,82
Dp Cooling	kPa	3,5	11,1	14,4	19,1	25,3	11,6	17,5	24,1	29,2	29,2	25,4	36,1	47,8	62,3	73,1
Dp Heating	kPa	2,6	9,6	12,9	17,8	24,9	11,3	18,1	26,7	33,7	33,7	21,2	32,1	45,2	62,5	75,6
Fan	W	5,2	14,1	21,2	33,4	55,5	14,0	21,0	37,0	54,0	54,0	21,0	33,0	54,0	92,0	132,0
Sound power (Lw)	dB(A)	30	43	51	55	61	41	48	54	58	58	45	51	55	60	64
Sound pressure (Lp) (1)	dB(A)	21	34	42	46	52	32	39	45	49	49	36	42	46	51	55

MODEL		INALTO-ECM 44					INALTO-ECM 74					INALTO-ECM 84				
INVERTER SPEED SIGNAL (VDC)		1	3	5	7,5	10	1	3	5	7,5	10	1	3	5	7,5	10
Air flow	m^3/h	615	830	1055	1315	1390	880	1240	1605	2110	2460	400	1020	1540	2270	2980
Cooling total emission	kW	4,21	5,29	6,27	7,38	7,52	6,03	7,81	9,36	11,40	12,32	3,20	6,90	9,40	12,30	14,70
Cooling sensible emission	kW	3,05	3,93	4,77	5,67	5,90	4,34	5,78	7,10	8,79	9,83	2,20	4,80	6,70	8,90	10,90
Heating emission	kW	4,32	5,67	6,99	8,44	8,83	6,14	8,35	10,45	13,16	14,91	2,90	6,70	9,50	12,80	15,70
Dp Cooling	kPa	8,1	12,2	16,7	22,0	23,5	9,6	15,3	21,3	29,9	35,7	1,7	11,0	18,9	31,1	43,2
Dp Heating	kPa	6,8	11,1	16,3	22,8	24,8	8,6	15,0	22,5	34,0	42,6	2,0	8,7	16,0	28,0	40,9
Fan	W	20,0	34,0	57,0	101,0	136,0	29,0	55,0	98,0	173,0	277,0	10,4	29,5	79,7	218,2	461,4
Sound power (Lw)	dB(A)	44	51	57	63	64	48	56	61	67	70	32	48	59	67	72
Sound pressure (Lp) (1)	dB(A)	35	42	48	54	55	39	47	52	58	61	23	39	50	58	63

(1) The sound pressure levels are 9 dB (A) lower than the sound power levels, apply to the reverberant field of a 100 m^3 room and a reverberation time of 0.5 sec.

3+1 ROW COIL - 4 PIPE UNITS

The following standard rating conditions are used:

COOLING

Entering air temperature: + 27 °C d.b. + 19 °C w.b.
Water temperature: +7 °C E.W.T. +12 °C L.W.T.

HEATING

Entering air temperature: + 20 °C
Water temperature: +65 °C E.W.T. +55 °C L.W.T.

Available pressure: 0 Pa

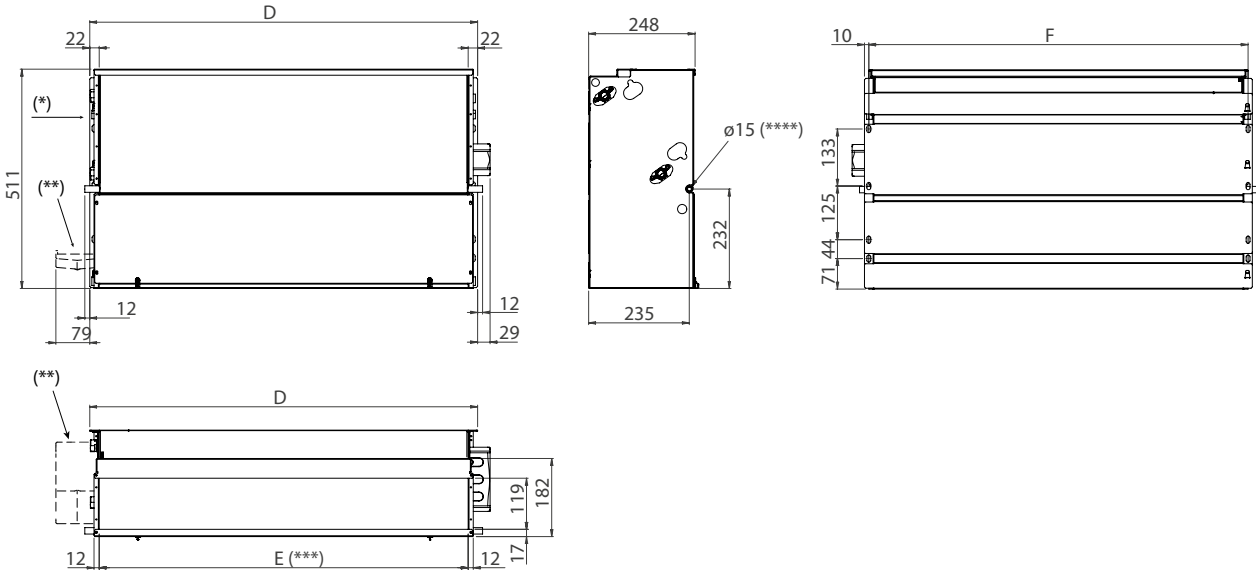
MODEL		INALTO-ECM 03+1					INALTO-ECM 13+1					INALTO-ECM 23+1				
INVERTER SPEED SIGNAL (VDC)		1	3	5	7	10	1	3	5	7,5	10	1	3	5	7,5	10
Air flow	m^3/h	120	299	364	452	567	330	440	560	650	650	550	710	880	1085	1235
Cooling total emission	kW	0,89	1,82	2,11	2,45	2,86	2,11	2,59	3,04	3,39	3,34	3,27	3,89	4,46	5,15	5,44
Cooling sensible emission	kW	0,61	1,30	1,50	1,77	2,08	1,54	1,94	2,34	2,62	2,62	2,44	2,98	3,51	4,09	4,48
Heating emission	kW	0,74	1,42	1,61	1,85	2,12	1,82	2,20	2,57	2,82	2,82	2,78	3,27	3,75	4,28	4,64
Dp Cooling	kPa	2,4	11,1	14,4	19,1	25,3	20,8	30,2	40,7	48,4	48,4	15,9	21,8	28,1	35,7	41,1
Dp Heating	kPa	0,8	3,0	3,9	5,0	7,5	8,0	11,2	14,9	17,6	17,6	4,1	5,5	7,1	9,0	10,4
Fan	W	5,2	14,1	21,2	33,4	55,5	14,0	21,0	37,0	54,0	54,0	21,0	33,0	54,0	92,0	132,0
Sound power (Lw)	dB(A)	30	43	51	55	61	41	48	54	58	58	45	51	55	60	64
Sound pressure (Lp) (1)	dB(A)	21	34	42	46	52	32	39	45	49	49	36	42	46	51	55

MODEL		INALTO-ECM 43+1					INALTO-ECM 73+1					INALTO-ECM 83+1				
INVERTER SPEED SIGNAL (VDC)		1	3	5	7,5	10	1	3	5	7,5	10	1	3	5	7,5	10
Air flow	m^3/h	615	830	1055	1315	1390	880	1240	1605	2110	2460	400	1020	1540	2270	2980
Cooling total emission	kW	3,95	4,89	5,75	6,72	6,82	5,58	7,12	8,43	10,17	10,91	3,10	6,60	8,90	11,60	13,80
Cooling sensible emission	kW	2,92	3,73	4,51	5,33	5,54	4,09	5,39	6,57	8,07	9,00	2,10	4,70	6,40	8,60	10,50
Heating emission	kW	3,16	3,85	4,49	5,17	5,35	4,64	5,80	6,85	8,16	8,97	3,10	6,30	8,40	10,80	12,70
Dp Cooling	kPa	12,4	18,3	24,6	32,0	34,1	11,8	18,3	25,0	34,3	40,8	4,5	17,1	29,4	47,6	66,0
Dp Heating	kPa	5,1	7,3	9,6	12,4	13,2	10,2	15,3	20,7	28,3	33,6	8,1	28,9	48,9	78,3	108,0
Fan	W	20,0	34,0	57,0	101,0	136,0	29,0	55,0	98,0	173,0	277,0	10,4	29,5	79,7	218,2	461,4
Sound power (Lw)	dB(A)	44	51	57	63	64	48	56	61	67	70	32	48	59	67	72
Sound pressure (Lp) (1)	dB(A)	35	42	48	54	55	39	47	52	58	61	23	39	50	58	63

(1) The sound pressure levels are 9 dB (A) lower than the sound power levels, apply to the reverberant field of a 100 m^3 room and a reverberation time of 0.5 sec.

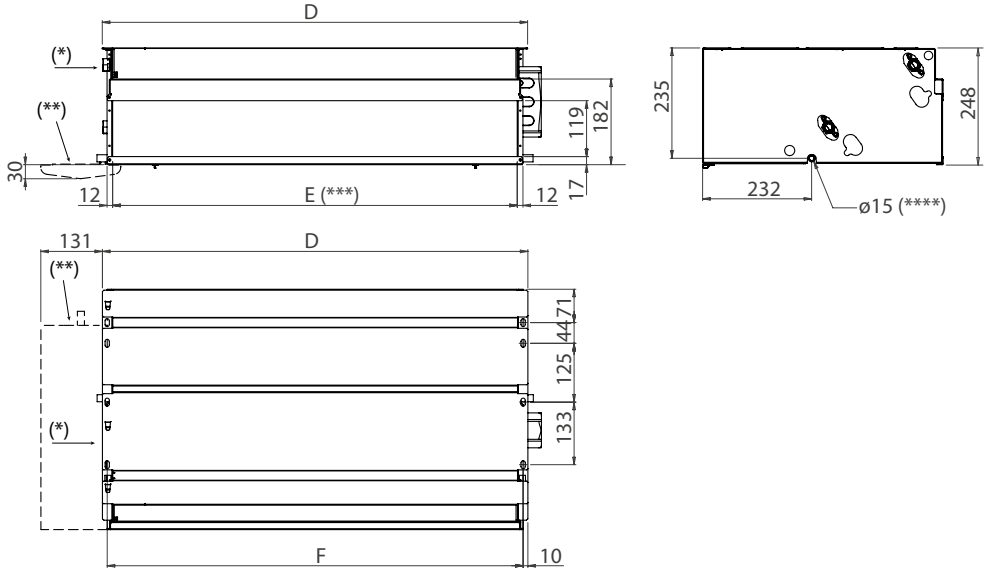
DIMENSIONS

VERTICAL INSTALLATION



(*) = Hydraulic connections on the left
(**) = Auxiliary condensate tray (optional)
(***) = Supply frame dimension E x 119 mm
(****) = External diameter

HORIZONTAL INSTALLATION



(*) = Hydraulic connections on the left
(**) = Auxiliary condensate tray (optional)
(***) = Supply frame dimension E x 119 mm
(****) = External diameter

MODEL		INALTO-ECM 0	INALTO-ECM 1	INALTO-ECM 2	INALTO-ECM 4	INALTO-ECM 7	INALTO-ECM 8
D	mm	474	689	904	1119	1549	1764
E	mm	430	645	860	1075	1505	1720
F	mm	454	669	884	1099	1529	1744

WEIGHT

Weight with packaging

MODEL		INALTO-ECM 0	INALTO-ECM 1	INALTO-ECM 2	INALTO-ECM 4	INALTO-ECM 7	INALTO-ECM 8
3 rows	kg	15,8	18,9	25,6	29,4	49,9	53,1
3+1 rows	kg	16,5	20,1	27,1	31,2	52,2	55,5
3+2 rows	kg	17,0	20,8	28,0	32,3	-	-
4 rows	kg	16,3	19,9	26,9	30,5	51,6	55,8
4+1 rows	kg	17,0	21,1	28,4	32,3	53,9	58,2

Weight without packaging

MODEL		INALTO-ECM 0	INALTO-ECM 1	INALTO-ECM 2	INALTO-ECM 4	INALTO-ECM 7	INALTO-ECM 8
3 rows	kg	13,8	17,9	24,6	26,4	44,9	48,9
3+1 rows	kg	14,5	19,1	26,1	28,2	47,2	51,3
3+2 rows	kg	15,0	19,8	27,0	29,3	-	-
4 rows	kg	14,3	18,9	25,9	27,5	46,6	51,6
4+1 rows	kg	15,0	20,1	27,4	29,3	48,9	54,0