CC Version

MV Version

Specific applications

Officially approved to EN12101-3 | Continuous operation | Car parks | Commercial and industrial kitchens

Application
Smoke and hot gas extraction in case of fire.
Extraction of stale air from commercial and industrial premises.
Extraction of pollutants in professional kitchens.
Installation in all positions and connection on all faces.
Air stream temperature up to 120°C in continuous with motor at -10/+40ºC max. ambient air.

Range
6 sizes: 355, 400, 450, 500, 630 and 710
Air performance range from 500 up to 24.000 m^3/h.
ILHT CC ECOWATT: Fan with multidirectional inlet plenum, motor shaft horizontal or vertical.
ILHT MV ECOWATT: Ventilation unit only, motor shaft horizontal or vertical.
Versions:
- VAV: variable air volume
- COP: constant pressure
- CAV: constant air volume with airflow display

Construction
- Panels made of galvanized sheet steel.
- Modular structure in aluminum profiles.
- 4 mounting brackets.
- Rectangular duct couplings.
- Direct drive centrifugal backward curved impeller manufactured from galvanized sheet steel.
- Full access for cleaning and maintenance without dismantling the fan from the duct system.
- Brushless motor, class F insulation with external IP55 control.
- External control fitted and wired, with:
  - Single-phase supply 230V 50/60 Hz for models 355, 400 and 450
  - Three-phase supply 400V 50/60Hz for models 500, 630 and 710.
  - Thermal protections integrated
  - Fault relay integrated
  - Fan speed/set point adjustable with the potentiometer placed in the control or with an external control type REB-ECOWATT. Analogical input to control the fan with 0-10V input signal.
  - Modbus RTU to RS485 port
- ON-OFF electrical isolation switch.

On request:
For kitchen applications:
- Reinforced sealing with grease resistant seal.
- Condensation drain provided not mounted.
Two-speed motors (not ErP compliant)
- DISPLAY: For VAV and CAV versions.

Emergency Operation Mode
The ILHB/ILHT ECOWATT are approved for extraction of hot gases and smokes in case of fire. This operation mode is automatic and does not require any parameterization: in case of extraction of hot gas at a temperature higher than 200°C, the control automatically switches to high speed and inhibits the internal thermal protections.
- The emergency operation mode can also be activated manually with a BDRA control box (accessory).
- CAV / VAV / COP mod es are deactivated.

TECHNICAL CHARACTERISTICS

Before installation check that the product electrical characteristics listed on the data plate label (voltage, power, frequency, etc.) match those of the intended electrical supply.

Model type	Speed (rpm)	Nominal power (kW)	Nominal current (A) 230V	Maximum air volume (m³/h)	Sound pressure level (dB(A))			Weight (kg)
					Inlet	Radiated	Outlet	
SINGLE-PHASE SUPPLY								
ILHB-355 CC ECOWATT	1420	0,70	3,1	3.980	63	55	68	65
ILHB-400 CC ECOWATT	1500	0,72	3,1	5.060	61	53	67	78
ILHB-450 CC ECOWATT	1500	1,24	5,4	7.300	66	59	72	98
THREE-PHASE SUPPLY								
ILHT-500 CC ECOWATT	1500	1,70	3,5	9.140	67	59	75	120
ILHT-630 CC ECOWATT	1130	3,16	7,0	11.820	68	58	72	177
ILHT-710 CC ECOWATT	1250	5,91	12,4	24.120	73	66	79	279

Model type	Speed (rpm)	Nominal power (kW)	Nominal current (A) 230V	Maximum air volume (m³/h)	Sound pressure level (dB(A))			Weight (kg)
					Inlet	Radiated	Outlet	
SINGLE-PHASE SUPPLY								
ILHB-355 MV ECOWATT	1830	0,70	3,1	4.230	62	51	64	44
ILHB-400 MV ECOWATT	1500	0,72	3,1	5.390	62	50	63	55
ILHB-450 MV ECOWATT	1500	1,24	5,4	7.870	66	55	67	72
THREE-PHASE SUPPLY								
ILHT-500 MV ECOWATT	1500	1,70	3,5	9.790	68	58	70	94
ILHT-630 MV ECOWATT	1130	3,16	7,0	13.060	68	59	69	132
ILHT-710 MV ECOWATT	1250	5,91	12,4	25.150	73	68	77	158

DIMENSIONS (mm)

Mounting with the motor in horizontal position.

CC Version

MV Version

Mounting with the motor in vertical position.

CC Version

MV Version

Model	A	BH	BV	BVC	C	D	E	EC	F	G	GC	H	J	K	KC	L
355	627	695	327	645	263	559	606	790	660	31	50	315	102	826	1103	321
400	699	767	361	678	297	631	606	864	732	31	50	349	102	860	1170	321
450	779	847	392	738	326	711	606	990	812	31	50	378	102	892	1230	321
500	858	925	424	784	338	768	700	1039	890	42	62	402	112	954	1294	351
630	1066	1133	488	912	403	977	700	1183	1098	42	62	466	112	1018	1422	351
710	1194	1261	551	1032	462	1104	906	1325	1226	42	62	526	112	1070	1533	446

PERFORMANCE CURVES

- q_v: Airflow in m^3/h and m^3/s.
- p_{sf}: Static pressure in mmWG and Pa.
- Dry air at 20ºC and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

ILHB-355 CC ECOWATT			63	125	250	500	1000	2000	4000	8000	LwA
100%	INLET	1	55	76	70	71	73	72	68	59	80
		2	51	71	65	68	71	70	65	57	77
		3	59	69	64	67	68	66	62	54	74
	OUTLET	1	51	79	78	77	80	77	72	64	86
		2	47	75	74	74	78	74	68	62	83
		3	54	72	74	73	75	71	64	58	80
	RADIATED	1	55	69	66	62	65	63	59	51	73
		2	51	65	61	58	63	61	56	50	70
		3	59	62	60	58	60	57	53	46	68
75%	INLET	4	49	69	64	65	67	66	62	53	74
		5	45	65	59	62	65	64	59	51	71
		6	52	62	58	61	62	60	55	48	68
	OUTLET	4	45	73	72	71	74	71	66	58	79
		5	41	69	68	68	72	68	62	55	76
		6	48	66	68	67	69	65	58	51	74
	RADIATED	4	49	63	60	56	59	57	53	45	67
		5	45	59	55	52	57	55	50	43	63
		6	53	56	54	51	53	51	47	40	61
50%	INLET	7	40	60	55	56	58	57	53	44	65
		8	36	56	50	53	56	55	50	42	62
		9	44	54	49	52	53	51	47	39	59
	OUTLET	7	36	64	63	62	65	62	57	49	71
		8	32	60	59	59	63	59	53	47	68
		9	39	57	59	58	60	56	49	43	65
	RADIATED	7	40	54	51	47	50	48	44	36	58
		8	36	50	46	43	48	46	41	35	54
		9	44	47	45	43	45	42	38	31	53

ILHB-400 CC ECOWATT			63	125	250	500	1000	2000	4000	8000	LwA
100%	INLET	1	57	72	71	72	72	73	68	60	79
		2	50	69	66	67	69	70	64	57	76
		3	56	67	63	66	67	66	61	56	73
	OUTLET	1	53	76	80	79	81	77	73	66	86
		2	48	73	74	74	76	74	69	62	82
		3	54	70	73	73	75	70	63	57	80
	RADIATED	1	54	65	67	61	63	65	58	51	72
		2	48	61	62	56	59	61	55	49	68
		3	54	59	59	56	58	58	51	48	66
75%	INLET	4	50	66	64	65	66	67	62	54	73
		5	44	63	59	61	62	63	58	51	69
		6	50	61	57	60	60	60	55	50	67
	OUTLET	4	47	70	73	72	75	71	66	59	80
		5	42	67	68	68	70	67	62	56	75
		6	47	63	67	67	68	64	57	51	73
	RADIATED	4	48	59	61	55	57	58	52	45	66
		5	42	55	56	50	53	55	49	42	62
		6	47	53	53	49	51	51	45	42	59
50%	INLET	7	41	57	55	56	57	58	53	45	64
		8	35	54	51	52	53	55	49	42	60
		9	41	52	48	51	52	51	46	41	58
	OUTLET	7	38	61	64	63	66	62	57	50	71
		8	33	58	59	59	61	58	53	47	66
		9	38	54	58	58	59	55	48	42	65
	RADIATED	7	39	50	52	46	48	50	43	36	57
		8	33	46	47	41	44	46	40	33	53
		9	39	44	44	41	42	42	36	33	50

ILHB-450 CC ECOWATT			63	125	250	500	1000	2000	4000	8000	LwA
100%	INLET	1	60	76	75	76	76	76	72	65	83
		2	56	70	73	73	74	74	69	64	80
		3	60	70	70	72	71	71	67	63	78
	OUTLET	1	62	78	85	85	87	82	78	71	91
		2	57	74	80	80	82	78	72	66	87
		3	60	72	78	78	80	74	67	61	84
	RADIATED	1	55	69	71	68	69	68	64	57	76
		2	50	63	69	65	67	65	60	55	73
		3	54	63	66	64	64	62	59	54	71
75%	INLET	4	54	69	69	70	70	70	66	59	77
		5	49	64	67	67	67	68	63	58	74
		6	53	63	64	65	64	64	61	56	72
	OUTLET	4	56	72	79	78	80	76	71	64	85
		5	51	68	74	74	76	71	66	60	80
		6	54	66	72	72	73	68	61	55	78
	RADIATED	4	49	62	65	62	63	62	57	51	70
		5	44	57	63	59	60	59	54	49	67
		6	48	57	60	58	57	56	53	48	65
50%	INLET	7	45	60	60	61	61	61	57	50	68
		8	40	55	58	58	58	59	54	49	65
		9	44	55	55	57	56	55	52	47	63
	OUTLET	7	47	63	70	69	71	67	63	56	76
		8	42	59	65	65	67	62	57	51	72
		9	45	57	63	63	65	59	52	46	69
	RADIATED	7	40	54	56	53	54	53	48	42	61
		8	35	48	54	50	51	50	45	40	58
		9	39	48	51	49	48	47	44	39	56

PERFORMANCE CURVES

- q_v: Airflow in m³/h and m³/s.
- p_{sf}: Static pressure in mmWG and Pa.
- Dry air at 20ºC and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

ILHT-500 CC ECOWATT			63	125	250	500	1000	2000	4000	8000	LwA
100%	INLET	1	64	73	76	77	79	79	74	68	85
		2	63	70	72	74	77	75	70	65	82
		3	65	71	71	73	75	72	67	61	80
	OUTLET	4	66	81	88	87	90	84	80	72	94
		5	62	76	82	82	86	79	75	68	89
		6	64	75	81	80	83	76	70	63	87
	RADIATED	7	54	63	69	66	73	67	62	55	76
		8	52	60	64	62	71	63	58	52	73
		9	54	61	63	61	68	60	55	48	71
75%	INLET	1	58	67	70	71	73	72	67	61	79
		2	56	64	66	68	71	69	64	59	76
		3	59	65	64	66	69	66	61	55	74
	OUTLET	4	60	75	81	81	83	77	73	66	88
		5	56	70	76	76	80	73	69	62	83
		6	58	69	75	74	77	70	64	57	81
	RADIATED	7	48	57	63	60	67	61	55	49	70
		8	46	53	58	56	65	57	51	46	67
		9	48	55	56	55	62	54	48	42	65
50%	INLET	1	49	58	61	62	64	63	58	52	70
		2	48	55	57	59	62	60	55	50	67
		3	50	56	56	58	60	57	52	46	65
	OUTLET	4	51	66	73	72	75	69	64	57	79
		5	47	61	67	67	71	64	60	53	74
		6	49	60	66	65	68	61	55	48	72
	RADIATED	7	39	48	54	51	58	52	46	40	61
		8	37	45	49	47	56	48	43	37	58
		9	39	46	48	46	53	45	40	33	56

ILHT-630 CC ECOWATT			63	125	250	500	1000	2000	4000	8000	LwA
100%	INLET	1	68	76	78	77	81	78	72	66	86
		2	63	72	73	74	78	74	69	63	82
		3	67	71	73	73	76	71	66	61	80
	OUTLET	1	68	79	82	83	85	79	74	68	90
		2	65	75	78	79	82	77	71	65	86
		3	68	75	78	79	80	73	68	61	85
	RADIATED	1	61	72	68	67	70	67	60	55	76
		2	56	68	63	63	67	64	57	52	73
		3	61	67	62	63	65	60	53	49	71
75%	INLET	4	61	70	72	71	74	72	66	60	80
		5	56	66	67	67	72	68	63	57	76
		6	61	65	67	67	70	65	59	55	74
	OUTLET	4	62	73	76	77	79	73	68	61	83
		5	59	69	72	73	76	70	65	59	80
		6	61	69	72	73	74	67	61	55	79
	RADIATED	4	55	66	62	61	64	61	54	48	70
		5	50	62	57	57	61	57	51	45	67
		6	55	61	56	56	59	54	47	43	65
50%	INLET	7	52	61	63	62	66	63	57	51	71
		8	47	57	58	59	63	59	54	48	67
		9	52	56	58	58	61	56	50	46	65
	OUTLET	7	53	64	67	68	70	64	59	52	75
		8	50	60	63	64	67	62	56	50	71
		9	52	60	63	64	65	58	52	46	70
	RADIATED	7	46	57	53	52	55	52	45	39	61
		8	41	53	48	48	52	49	42	37	58
		9	46	52	47	47	50	45	38	34	56

ILHT-710 CC ECOWATT			63	125	250	500	1000	2000	4000	8000	LwA
100%	INLET	1	75	81	82	83	85	82	75	69	90
		2	74	78	81	81	82	79	73	70	88
		3	75	75	79	80	81	77	73	70	87
	OUTLET	1	75	90	92	94	94	88	80	73	99
		2	72	84	86	88	88	82	75	70	93
		3	75	83	86	88	87	79	73	68	93
	RADIATED	1	64	77	74	79	75	69	59	54	83
		2	63	74	72	77	72	66	58	54	81
		3	64	71	71	76	71	64	58	54	79
75%	INLET	4	69	75	76	77	79	75	69	63	84
		5	68	72	74	75	76	73	67	63	82
		6	69	69	73	74	75	71	67	64	80
	OUTLET	4	69	84	86	88	88	81	74	67	93
		5	65	78	80	82	82	76	69	64	87
		6	69	77	80	82	80	73	67	62	87
	RADIATED	4	58	71	68	73	69	62	53	47	77
		5	57	67	66	71	66	59	52	48	74
		6	58	65	65	70	65	58	52	48	73
50%	INLET	7	60	66	67	68	70	67	60	54	75
		8	59	63	66	66	67	64	58	55	73
		9	60	60	64	65	66	62	58	55	72
	OUTLET	7	60	75	77	79	79	73	65	58	84
		8	57	69	71	73	73	67	60	55	78
		9	60	68	71	73	72	64	58	53	78
	RADIATED	7	49	62	59	64	60	53	44	39	68
		8	48	59	57	62	57	51	43	39	65
		9	49	56	56	61	56	49	43	39	64

PERFORMANCE CURVES

- q_v: Airflow in m^3/h and m^3/s.
- p_{sf}: Static pressure in mmWG and Pa.
- Dry air at 20ºC and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

ILHB-355 MV ECOWATT			63	125	250	500	1000	2000	4000	8000	LwA
100%	INLET	1	48	73	71	67	71	73	69	64	79
		2	46	70	67	65	71	69	66	62	77
		3	57	71	70	67	70	67	63	58	77
	OUTLET	1	47	72	74	73	74	74	70	64	81
		2	45	70	72	70	72	71	66	60	78
		3	56	71	73	72	71	69	62	56	79
	RADIATED	1	48	61	58	57	60	63	60	57	68
		2	47	58	55	55	59	60	56	55	66
		3	57	59	58	57	59	57	53	51	66
75%	INLET	4	41	67	64	60	65	67	63	58	73
		5	40	64	61	58	65	63	60	56	70
		6	51	65	64	60	64	60	56	52	71
	OUTLET	4	41	66	68	66	68	68	64	58	75
		5	39	64	66	64	66	65	60	54	72
		6	50	65	67	66	65	63	56	50	72
	RADIATED	4	42	54	52	51	54	57	54	51	62
		5	41	52	48	49	53	54	50	49	60
		6	51	53	52	51	52	51	47	45	60
50%	INLET	7	33	58	55	52	56	58	54	49	64
		8	31	55	52	50	56	54	51	47	61
		9	42	56	55	52	55	52	48	43	62
	OUTLET	7	32	57	59	57	59	59	55	49	66
		8	30	55	57	55	57	56	51	45	63
		9	41	56	58	57	56	54	47	41	64
	RADIATED	7	33	46	43	42	45	48	45	42	53
		8	32	43	40	40	44	45	41	40	51
		9	42	44	43	42	44	42	38	36	51

ILHB-400 MV ECOWATT			63	125	250	500	1000	2000	4000	8000	LwA
100%	INLET	1	46	76	72	66	70	72	68	65	80
		2	43	73	68	64	68	69	65	60	77
		3	54	72	69	65	67	67	63	58	76
	OUTLET	1	48	71	73	73	75	74	70	64	81
		2	44	68	70	69	72	70	67	60	77
		3	55	70	72	70	72	68	62	55	78
	RADIATED	1	43	63	61	56	59	59	54	48	68
		2	40	59	57	53	57	57	52	43	64
		3	51	59	58	55	56	54	49	42	64
75%	INLET	4	40	70	66	60	64	65	62	58	74
		5	37	66	62	57	62	63	59	54	70
		6	48	65	63	59	61	60	57	52	70
	OUTLET	4	41	65	67	66	69	68	64	58	75
		5	37	62	63	63	65	64	60	54	71
		6	49	63	66	64	65	62	56	48	71
	RADIATED	4	37	57	55	50	53	53	48	42	61
		5	34	53	51	47	51	51	45	37	58
		6	45	52	52	48	50	48	43	35	58
50%	INLET	7	31	61	57	51	55	56	53	49	65
		8	28	57	53	48	53	54	50	45	61
		9	39	57	54	50	52	51	48	43	61
	OUTLET	7	32	56	58	57	60	59	55	49	66
		8	28	53	55	54	56	55	51	45	62
		9	40	55	57	55	56	53	47	39	62
	RADIATED	7	28	48	46	41	44	44	39	33	53
		8	25	44	42	38	42	42	36	28	49
		9	36	43	43	40	41	39	34	27	49

ILHB-450 MV ECOWATT			63	125	250	500	1000	2000	4000	8000	LwA
100%	INLET	1	53	77	74	70	76	75	72	67	82
		2	51	75	71	69	74	73	70	65	80
		3	62	75	73	70	73	70	66	61	80
	OUTLET	1	53	76	78	76	78	77	74	69	85
		2	50	73	74	74	76	75	71	66	82
		3	58	73	76	75	76	72	67	61	82
	RADIATED	1	50	68	62	59	64	64	62	53	72
		2	49	65	59	58	62	62	60	51	70
		3	59	66	61	59	62	59	56	47	70
75%	INLET	4	46	71	68	64	69	69	66	61	76
		5	45	68	65	63	68	67	63	59	74
		6	55	69	66	64	67	64	59	55	74
	OUTLET	4	47	69	71	70	72	71	67	63	78
		5	44	67	68	67	70	69	64	59	76
		6	51	67	70	68	70	66	60	55	76
	RADIATED	4	44	62	56	53	58	58	56	47	66
		5	42	59	53	51	56	56	53	45	64
		6	53	60	55	53	55	53	50	41	63
50%	INLET	7	37	62	59	55	60	60	57	52	67
		8	36	59	56	54	59	58	54	50	65
		9	46	60	57	55	58	55	51	46	65
	OUTLET	7	38	60	62	61	63	62	59	54	69
		8	35	58	59	58	61	60	55	50	67
		9	42	58	61	59	61	57	51	46	67
	RADIATED	7	35	53	47	44	49	49	47	38	57
		8	33	50	44	43	47	47	44	36	55
		9	44	51	46	44	46	44	41	32	55

PERFORMANCE CURVES

- q_v: Airflow in m^3/h and m^3/s.
- p_{sf}: Static pressure in mmWG and Pa.
- Dry air at 20ºC and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.

ILHT-500 CC ECOWATT

ILHT-500 CC ECOWATT			63	125	250	500	1000	2000	4000	8000	LwA
100%	INLET	1	64	73	76	77	79	79	74	68	85
		2	63	70	72	74	77	75	70	65	82
		3	65	71	71	73	75	72	67	61	80
	OUTLET	1	66	81	88	87	90	84	80	72	94
		2	62	76	82	82	86	79	75	68	89
		3	64	75	81	80	83	76	70	63	87
	RADIATED	1	54	63	69	66	73	67	62	55	76
		2	52	60	64	62	71	63	58	52	73
		3	54	61	63	61	68	60	55	48	71
75%	INLET	4	58	67	70	71	73	72	67	61	79
		5	56	64	66	68	71	69	64	59	76
		6	59	65	64	66	69	66	61	55	74
	OUTLET	4	60	75	81	81	83	77	73	66	88
		5	56	70	76	76	80	73	69	62	83
		6	58	69	75	74	77	70	64	57	81
	RADIATED	4	48	57	63	60	67	61	55	49	70
		5	46	53	58	56	65	57	51	46	67
		6	48	55	56	55	62	54	48	42	65
50%	INLET	7	49	58	61	62	64	63	58	52	70
		8	48	55	57	59	62	60	55	50	67
		9	50	56	56	58	60	57	52	46	65
	OUTLET	7	51	66	73	72	75	69	64	57	79
		8	47	61	67	67	71	64	60	53	74
		9	49	60	66	65	68	61	55	48	72
	RADIATED	7	39	48	54	51	58	52	46	40	61
		8	37	45	49	47	56	48	43	37	58
		9	39	46	48	46	53	45	40	33	56

ILHT-630 MV ECOWATT

ILHT-630 MV ECOWATT			63	125	250	500	1000	2000	4000	8000	LwA
100%	INLET	1	57	76	73	72	78	76	72	66	83
		2	60	72	72	71	77	75	72	71	82
		3	67	74	73	71	75	70	67	67	81
	OUTLET	1	60	73	77	78	80	77	73	67	85
		2	59	72	75	76	79	75	70	65	83
		3	66	72	77	77	78	72	67	65	84
	RADIATED	1	49	65	64	65	68	67	65	62	74
		2	51	62	64	64	68	66	64	67	74
		3	58	64	65	64	65	62	59	63	72
75%	INLET	4	51	69	67	66	72	70	66	60	77
		5	54	66	66	65	71	69	66	65	76
		6	60	68	67	65	69	64	61	61	75
	OUTLET	4	54	67	71	72	74	71	67	61	79
		5	53	65	69	70	73	69	64	58	77
		6	60	66	71	71	72	65	60	59	77
	RADIATED	4	43	59	58	58	62	61	58	56	68
		5	45	56	57	58	61	60	58	61	68
		6	52	58	59	58	59	55	53	57	66
50%	INLET	7	42	61	58	57	63	61	57	51	68
		8	45	57	57	56	62	60	57	56	67
		9	51	59	58	56	60	55	52	52	66
	OUTLET	7	45	58	62	63	65	62	58	52	70
		8	44	57	60	61	64	60	55	49	68
		9	51	57	62	62	63	57	51	50	68
	RADIATED	7	34	50	49	49	53	52	49	47	59
		8	36	47	48	49	52	51	49	52	59
		9	43	49	50	49	50	47	44	48	57

ILHT-710 MV ECOWATT

ILHT-710 MV ECOWATT			63	125	250	500	1000	2000	4000	8000	LwA
100%	INLET	1	65	81	77	82	85	82	76	71	89
		2	70	82	80	82	81	77	72	67	88
		3	74	80	78	82	81	78	73	69	88
	OUTLET	1	72	83	86	89	88	84	79	75	94
		2	67	79	84	88	86	81	76	73	92
		3	74	79	86	88	86	79	75	73	92
	RADIATED	1	59	76	71	78	80	76	72	67	84
		2	64	76	74	78	76	70	67	63	83
		3	69	75	72	79	76	71	68	65	83
75%	INLET	4	58	75	71	76	79	76	70	65	83
		5	64	75	74	76	75	71	65	61	82
		6	68	74	72	76	75	72	67	62	82
	OUTLET	4	66	77	80	83	82	78	72	69	88
		5	61	73	78	82	80	75	70	67	86
		6	67	73	79	82	79	73	69	67	86
	RADIATED	4	53	70	65	72	74	70	65	61	78
		5	58	70	68	72	70	64	61	57	77
		6	62	69	66	72	70	65	62	58	77
50%	INLET	7	49	66	62	67	70	67	61	56	74
		8	55	67	65	67	66	62	57	52	73
		9	59	65	63	67	66	63	58	53	73
	OUTLET	7	57	68	71	74	73	69	64	60	79
		8	52	64	69	73	71	66	61	58	77
		9	59	64	71	73	71	64	60	58	77
	RADIATED	7	44	61	56	63	65	61	56	52	69
		8	49	61	59	63	61	55	52	48	68
		9	54	60	57	64	61	56	53	49	68

MOUNTING ACCESSORIES - CC MODELS

CC VERSION

MV VERSION

ILSH MV - ILSH CC
Mounting support with motor in horizontal position.

Model	MV			CC		
	A	B	C	A	B	C
355	668	50	35	848	50	35
400	668	50	35	823	50	35
450	668	50	35	1048	50	35
500	762	50	35	1097	50	35
560	762	50	35	1197	50	35
630	855	50	35	1242	50	35
710	977	50	35	1401	50	35

ILTI MV - ILTI CC
Pitched roof cover for outdoor mounted installations with motor in horizontal position.

Model	MV		CC	
	A	B	A	B
355	658	391	658	636
400	731	425	731	721
450	812	453	812	790
500	890	485	890	828
560	985	504	985	859
630	1098	550	1098	953
710	1226	610	1226	1112

ILBR
Rectangular duct connection flange

Model	A	B
355	559	263
400	631	297
450	711	326
500	768	338
630	977	403
710	1104	462

ILBC
Inlet circular duct connection flange (MV version)

Model	A	F
355	559	400
400	631	450
450	711	500
500	768	560
630	977	710
710	1104	800

ILRC
Outlet circular duct connection flange

Model	A	B	F	H
355	559	266	400	670
400	631	300	450	670
450	711	329	500	670
500	768	341	560	670
630	977	406	710	670
710	1104	465	800	670

ILAR
Flexible rectangular flange duct connector.

Model	A	B	E
355	559	266	160
400	631	300	160
450	711	329	160
500	768	341	160
630	977	406	160
710	1104	465	160

ACOPEL F400 N
Circular flexible connector.
Certified F400-120.

Model	E	F
355	160	400
400	160	450
450	160	500
500	160	560
630	160	710
710	160	800

ILVV - ILVH
Discharge protection guard

Model	A	B	C
355	559	263	197
400	631	297	216
450	711	326	233
500	768	338	240
630	977	403	278
710	1104	462	311

Model	A	B	D
355	559	263	194
400	631	297	213
450	711	326	234
500	768	338	249
630	977	403	305
710	1104	462	340

IJKH
Airflow control damper.
Certified F400-120.

Model	A	B	C
355	559	263	224
400	631	297	247
450	711	326	245
500	768	338	256
560	864	354	267
630	977	403	302
710	1104	462	343
800	1248	488	361

ICAH - ICAV
Backdraught shutter.
Certified F400-120.

Model	A	B	C
355	559	263	80
400	631	297	80
450	711	326	80
500	768	338	80
560	864	354	80
630	977	403	80
710	1104	462	80
800	1248	488	80

Model	A	B	C
355	559	263	80
400	631	297	80
450	711	326	80
500	768	338	80
560	864	354	80
630	977	403	80
710	1104	462	80
800	1248	488	80

ILPL
Doble inlet plenum (MV version).

Model	A	B	C	D	E	kg
355	622	448	238	355	662	21
400	694	498	260	400	734	25
450	774	555	289	450	814	30
500	852	675	349	560	892	37
560	948	755	389	630	988	60
630	1060	805	441	630	1100	81
710	1188	885	481	710	1228	99

PAVZ
Anti-vibrations support.
(Set of 4 rubber supports.)

ELECTRICAL ACCESSORIES

REB-ECOWATT
Remote speed controller

TDP-S/TDP-D/TDP-PI
Presure sensor with display Supplied in standard with CAV version and optional for other versions (accuracy: ± 8%)

BDRA
Control box for manual activation of the emergency operation mode