

Ordering key

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Ordering key

Air handling unit

ECAA-aa-bb-c-d-eee-f-g

Unit size (**aa**)

01–09

Air handling combination (**bb**)

see pages 3 and 4

Air connection arrangement; (**c**)

see pages 3 and 4

1 = A–D

2 = A–C

3 = B–D

4 = B–C

5 = vertical installation (aa = 01–04)

6 = outdoor version (air connections A–D).

Not for code suffix -bb = 12, 15, 42, 45

Delivery form (**d**)

1 = factory-assembled unit ¹⁾

2 = first block in unit divided into blocks,
viewed in the direction of supply air flow

3 = intermediate block in a unit divided into blocks,
viewed in the direction of supply air flow

4 = last block in unit divided into blocks,
viewed in the direction of supply air flow

5 = intermediate block with Cooler function

Length (**eee**)

Unit/block length (cm) in steps of 10 cm ¹⁾

Insulation (**f**)

1 = thermal insulation, (50 kg/m³)
in casing element

2 = heavy-duty insulation, (140 kg/m³)
in casing element

3 = equivalent to EI 30 (140 kg/m³)
in casing element and frame

4 = equivalent to EI 15 (50 kg/m³)
in casing element and (140 kg/m³) frame

Wall element/framework material (**g**)

1 = galvanized sheet steel/alu-zinc coated sheet steel frame

2 = plastic-coated, galvanized sheet steel/alu-zinc coated sheet steel frame

1) If the unit is factory-assembled and has length code suffix eee >450 (4504 mm), the unit is produced as two blocks mounted on a common base frame.

Ordering key

Air handling combination, Right-hand inspection side (**bb**)

	Supply air at the bottom, Right-hand	Supply air at the top, Right-hand	Vertical, Right-hand
Rotary heat exchanger	10 	11 	12
Plate heat exchanger	20 	21 	
Air recirculation	40 	41 	42

Dampers, filters and air heaters shown in the air handling combinations can be omitted if they are shown.

Air cooler ¹⁾, Indirect Evaporative Cooler (IEC) ²⁾ can be specified. As an alternative cooler, the ECKC ³⁾ cooling unit can be specified for location directly upstream of the exhaust air fan.

In all air handling combinations, inspection sections can be specified upstream of the supply air heaters and coolers.

1) For air handling combinations 10, 11, 20, 21, 40 and 41.

2) For air handling combinations 10 and 11.

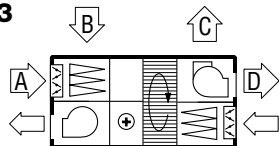
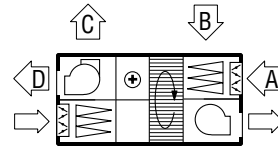
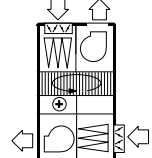
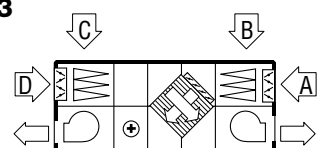
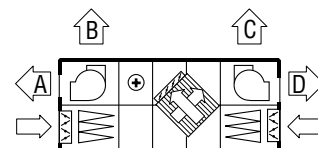
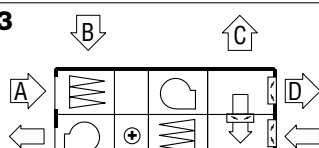
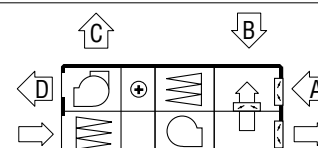
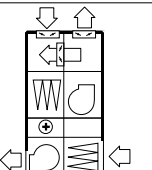
3) For air handling combinations 10, 11, 20, 21, 40 and 41, sizes 03–09.

Electrical cubicle with electrical and control unit located directly upstream of the supply air fan can be specified for all air handling combinations for horizontal air flow.

A unit silencer (separate block) can be specified for a unit with ducting connected to the end wall.

Ordering key

Air handling combination, Left-hand inspection side (**bb**)

	Supply air at the bottom, Left-hand	Supply air at the top, Left-hand	Vertical, Left-hand
Rotary heat exchanger	13 	14 	15 
Plate heat exchanger	23 	24 	
Air recirculation	43 	44 	45 

Dampers, filters and air heaters shown in the air handling combinations can be omitted if they are shown.

Air cooler ¹⁾, Indirect Evaporative Cooler (IEC) ²⁾ can be specified. As an alternative cooler, the ECKC ³⁾ cooling unit can be specified for location directly upstream of the exhaust air fan.

In all air handling combinations, inspection sections can be specified upstream of the supply air heaters and coolers.

Electrical cubicle with electrical and control unit located directly upstream of the supply air fan can be specified for all air handling combinations for horizontal air flow and.

A unit silencer (separate block) can be specified for a unit with ducting connected to the end wall.

1) For air handling combinations 13, 14, 23, 24, 43 and 44.

2) For air handling combinations 13 and 14.

3) For air handling combinations 13, 14, 23, 24, 43 and 44, sizes 03–09.

Ordering key

Intake air section damper/filter

ECVA-aa-bb-c-d-e-ff-g-h

Unit size (aa): 01–09

Air handling combination (bb) as per ECAA on pages 3 and 4

Connection form (c) as per ECAA on pages 3 and 4

Location (d)
1 = supply air, 2 = exhaust air
3 = Supply air with frost coil (not in units with ECLK)

Damper type (e)
0 = without damper
1 = internal damper CEN 3 (type 4) *)
2 = internal damper CEN 4 (type 5) *)
3 = internal damper CEN 3 (type 4), insulated blades *)
4 = external damper, PG joint, CEN 3 (type 4)
5 = external damper, PG joint, CEN 4 (type 5)
6 = external damper, PG joint, CEN 3 (type 4), insulated blades
7 = external damper, flanged, CEN 3 (type 4)
8 = external damper, flanged, CEN 4 (type 5)
9 = external damper, flanged, CEN 3 (type 4) insulated frame

*) e = 1, 2, 3 not in combination with top inlet and filter.

Material (h)
1 = galvanized sheet steel
2 = stainless sheet steel AISI 304

Pre-filter for long bag filter (g)
0 = without filter function
1 = filter class G3 (EU 3)

Bag filter (ff)
00 = without filter function
04 = short, filter class G4 (EU 4), synthetic
05 = short, filter class F5 (EU 5), synthetic
06 = short, filter class F6 (EU 6), synthetic
14 = long, filter class G4 (EU 4), synthetic
15 = long, filter class F5 (EU 5), synthetic
16 = long, filter class F6 (EU 6), synthetic
17 = long, filter class F7 (EU 7), synthetic
18 = long, filter class F8 (EU 8), synthetic
26 = long, filter class F6 (EU 6), glass fibre
27 = long, filter class F7 (EU 7), glass fibre
29 = long, filter class F9 (EU 9) glass fibre
37 = long, filter class F7 (EU 7), synthetic, plastic frame
47 = short, filter class F7 (EU 7), glass fibre
98 = with filterguide frame for short filter without filter cassette
99 = with filterguide frame for long filter, without filter cassette

Possible combinations of damper and filter

Inlet	Damper only				Filter only				Damper and filter					
	End wall		Top		End wall		Top		End wall				Top	
	Out-side	In-side	Outside	Inside	Short	Long	Short	Long	Short	Short	Long	Long	Short	Long
Damper loc. filter length														
Variant														
Size (aa)														
01	•	•	•	•	•	•	•		•	•	•	•	•	
02	•	•	•	•	•	•	•		•	•	•	•	•	
03	•	•	•	•	•	•	•		•	•	•	•	•	
04	•	•	•	•	•	•	•		•	•	•	•	•	
05	•	•	•	•	•	•	•		•	•	•	•	•	
06	•	•	•	•	•	•	•	• ¹⁾	•	•	•	•	•	• ¹⁾
07	•	•	•	•	•	•	•		•	•	•	•	•	•
08	•	•	•	•	•	•	•		•	•	•	•	•	•
09	•	•	•	•	•	•	•		•	•	•	•	•	•

1) Not with pre-filter (g = 0)

Ordering key

REGOTERM®/TURBOTERM Rotary heat exchanger ECRA-aa-bb-c-d-1

Unit size (aa): 01-09

Air handling combination (bb) as per ECAA

Rotor type (c)

- 1 = non-hygroscopic
- 2 = hygroscopic
- 3 = non-hygroscopic, edge-reinforced
- 4 = hydroscopic, edge-reinforced
- 5 = non-hygroscopic, epoxy coated
- 6 = non-hygroscopic, TURBOTERM
- 7 = hygroscopic, TURBOTERM
- 8 = non-hygroscopic, epoxy coated, TURBOTERM

Drive system, power supply, 50 Hz (d)

- 1 = constant speed, 3 x 400 V
- 2 = variable speed, 1 x 230 V (aa = 01-06), the speed detector is included in the function
- 3 = constant speed, 1 x 240 V (aa = 01-07)
- 4 = constant speed 3 x 230 V
- 5 = variable speed 1 x 230 V (aa = 07-09) the speed detector is included in the function

Material (e)

- 1 = galvanized sheet steel

RECUTERM® Plate heat exchanger, ¹⁾ with by-pass damper ECRC-aa-bb-c-d-e-1

Unit size (aa): 01-09

Air handling combination (bb) as per ECAA on pages 4 and 5

Fin material (c)

- 1 = aluminium
- 2 = epoxy-coated aluminium

Version (d)

Large plate heat exchanger ($\eta \approx 60\%$)

- 1 = shut-off/by-pass damper, excl. actuator
- 2 = section-by-section defrosting, including actuator and control unit for shut-off damper, including actuator for by-pass damper
- 3 = "cold corner" defrosting, excluding actuator and control unit

Small plate heat exchanger ($\eta \approx 50\%$)

- 4 = shut-off/by-pass damper, excl. actuator (aa=03-09)
- 6 = "cold corner" defrosting, excluding actuator and control unit (aa=03-09)

Droplet eliminator (e)

- 0 = without
- 1 = with, for downward exhaust air flow

Material (f)

- 1 = galvanized sheet steel

1) Flushing trough in the supply air section.
See the ECAZ-32 in EC 2000 catalogue.

Air recirculation section ECRF-aa-bb-c-d

Unit size (aa) 01-09

Air handling combination (bb) as per ECAA

Connection form (c) as per ECAA

Mixing damper (d)

- 1 = tightness class CEN 3 (type 4), galvanized sheet steel
- 2 = tightness class CEN 4 (type 5), galvanized sheet steel

Ordering key

Air heater for hot water ECEE-aa-bb-c-1-2-1

Unit size **(aa)** _____
 01–09

Air handling combination **(bb)** _____
 as per ECAA.

Output variant **(c)** _____
 1, 3, 5 (0 = space for output variant 5)

Finned coil materials **(d)** _____
 1 = Cu/Al

Version **(e)** _____
 2 = air heater

Material **(f)** _____
 1 = galvanized sheet steel

Preheater for hot water mounted on the outside ECEG-aa-1-1-1-e

Unit size **(aa)** _____
 01–09

Output variant **(b)** _____
 1

Finned coil materials **(c)** _____
 1 = Cu/Al

Material **(d)** _____
 1 = galvanized sheet steel

Connection **(e)** _____
 1 = PG joint
 2 = flanged connection

Electric air heater ECEK-aa-bb-c-d-e-1

Unit size **(aa)** _____
 01–09

Air handling combination **(bb)** _____
 as per ECAA.

Output variant **(c)** _____
 1, 2, 3, 4 5 *, 6 *) (0 = space for output variant 6)

*) aa = 08, c = 6 only d=3
 aa = 09, c = 5, 6 only d = 3

Version **(d)** _____
 3 = heater rod type
 4 = heater rod type with thyristor and stepping switch

Power supply **(e)** _____
 5 = 230 V, 3 phase
 6 = 400–415 V, 3 phase
 7 = 3 x 415 V

Material **(f)** _____
 1 = galvanized sheet steel

Ordering key

Air cooler for chilled water ECNN-aa-bb-c-1-1-f-1

Unit size (aa) _____
01-09

Air handling combination (bb) _____
as per ECAA.

Output variant (c) _____
2, 3, 4, 6 (0 = space for output variant 6)

Finned coil materials (d) _____
1 = Cu/Al

Fin pitch (e) _____
1 = 2 mm

Droplet eliminator (f) _____
0 = without
1 = with

Material (g) _____
1 = galvanized sheet steel

Air cooler for evaporative refrigerant (R22 or R134) ECNP-aa-bb-c-1-1-f-g-1

Unit size (aa) _____
01-09

Air handling combination (bb) _____
as per ECAA.

Output variant (c) _____
2, 3, 4, 6 (0 = space for output variant 6)

Finned coil material (d) _____
1 = Cu/Al

Fin pitch (e) _____
1 = 2 mm

Output stages (f) _____
1 = 1 output stage (not aa = 08, 09, c = 6)
2 = 2 output stages, 1/2 + 1/2 interlaced (aa = 03-09)
3 = 2 output stages, 1/3 + 2/3 interlaced (aa = 04-09)

Droplet eliminator (g) _____
0 = without
1 = with

Material (h) _____
1 = galvanized sheet steel

ECNP air cooler combination options

Output variant (c)	1-output stage (f = 1)	1/2 + 1/2 (f = 2)	1/3 + 2/3 (f = 3)
2	aa = 01-09	aa = 03-09	aa = 06-09
3	aa = 01-09	aa = 04-09	aa = 04-09
4	aa = 01-09	aa = 03-09	aa = 04-09
6	aa = 01-07	aa = 03-09	aa = 05-09

COOLMASTER® Evaporativ cooler/humidifier ECQA-aa-bb-1-1

Unit size (aa) _____
01-09

Air handling combination (bb) _____
as per ECAA (bb = 10, 11, 13, 14)

Humidification rate (c) _____
1 = 90%, glass fibre, aluminium droplet eliminator

Version (d) _____
1 = once-through water

Cooling unit Cooler ECKC-aa-bb-c-dd-e-f-g-h-i-j-k

Unit size (aa) _____
03-09

Airhandling arrangement (bb) _____

Capacity variant (c) _____
1, 2, 3

Fin pitch (dd) _____
(supply) / (exhaust)
20 = 2,0 mm / 1,8 mm
25 = 2,5 mm / 2,0 mm

Material, coil (e) _____
Only supply air coil
1 = Cu/Al
2 = Cu/Cu

Water cooled condensor (f) _____
0 = without
1 = with

Droplet eliminator (g) _____
0 = without
1 = with

Refrigerant (h) _____
1 = R407C

Capacity control (i) _____
0 = without (3 steps)
1 = with hot gas bypass

Voltage (j) _____
1 = 3 x 400V, 50 Hz
2 = 3 x 230V, 50 Hz (Norway)

Material (k) _____
1 = galvanized steel sheet

Ordering key

Fan with F impeller **ECLF-aa-bb-c-d-e-f-1**

Unit size **(aa)** _____
01-09

Air handling combination **(bb)** _____
as per ECAA

Connection form **(c)** _____
as per ECAA

Location **(d)** _____
1 = supply air
2 = exhaust air

Fan variant **(e)** _____
7 = type F impeller, CENTRIMASTER
8 = type F impeller, CENTRIMASTER för
factory-mounted frequency converter (c = 1-4) ¹⁾

Version **(f)** _____
0 = without flow sensor
1 = with q-DYSA[®] flow sensor

Material **(g)** _____
1 = galvanized sheet steel

Fan with B impeller **ECLB-aa-bb-c-d-e-f-1**

Unit size **(aa)** _____
01-09

Air handling combination **(bb)** _____
as per ECAA

Connection form **(c)** _____
as per ECAA

Location **(d)** _____
1 = supply air
2 = exhaust air

Fan variant **(e)** _____
7 = type F impeller, CENTRIMASTER
8 = type F impeller, CENTRIMASTER för
factory-mounted frequency converter (c = 1-4) ¹⁾

Version **(f)** _____
0 = without flow sensor
1 = with q-DYSA[®] flow sensor

Material **(g)** _____
1 = galvanized sheet steel

Belt drive for fan with F impeller **ECLV-aa-b-c-dddd-e**

Unit size **(aa)** _____
01-09

Fan variant **(b)** _____
1 = for V-belt drive
2 = for flat-belt drive
3 = for V-belt drive + extra V-belt
4 = for flat-belt drive + extra flat-belt

Location **(c)** _____
1 = supply air
2 = exhaust air

Fan speed, r/min **(dddd)** _____

Nominal frequency at maximum air flow **(e)** _____
1 = 50 Hz

Belt drive for fan with B impeller **ECLT-aa-b-c-dddd-e**

Unit size **(aa)** _____
03-09

Fan variant **(b)** _____
1 = for V-belt drive
2 = for flat-belt drive
3 = for V-belt drive + extra V-belt
4 = for flat-belt drive + extra flat-belt

Location **(c)** _____
1 = supply air
2 = exhaust air

Fan speed, r/min **(dddd)** _____

Dimensioneringsfrekvens vid max. flöde **(e)** _____
1 = 50 Hz

1) For particulars of frequency converter, see the STRZ-54.

The operating frequency can be factory pre-set, if desired, by means of the STRV code.

Fan speed factory pre-setting **STRV-aa-bb-c**

Frequency, high speed **(aa)** _____

Frequency, low speed **(bb)** _____

Frequency inverter **(c)** _____
1 = supply air
2 = exhaust air

Ordering key

Plenum fan ¹⁾ ECLK-aa-bb-c-d-e-f-g-h

Unit size (aa) _____
03–09

Air handling combination (bb) _____
as per ECAA, (not 12, 15, 42, 45)

Connection form (c) _____
as per ECAA

Location (d) _____
1 = supply air
2 = exhaust air

Fan size (e) _____
7 = small, Centriflow Plus
8 = medium, Centriflow Plus
9 = big, Centriflow Plus

Version (f) _____
3 = with flow sensor

Constraction (g) _____
3 = Centriflow Plus

Material (h) _____
1 = galvanized sheet steel

1) For particulars of frequency converter, see the STRZ-54.

Motor, single-speed 2, 4, 6 poles APAL-a-bbbbbb-c-d-e

Motor, two-speed
4/6-poler, with separate
stator windings ATAL-a-bbbbbb-c-d-e

Motor, two-speed
2/4-, 4/8-poles,
Dahlander-wound ARAL-a-bbbbbb-c-d-e

Motor, two-speed
2/4-, 4/8-poles,
with separate
stator windings ASSL-a-bbbbbb-c-d

Number of poles ¹⁾ (a) _____
(see motor tables)
2, 4, 6

Rating ¹⁾ (bbbbbb) _____
(see motor tables)
The first three digits of code suffix (b) specify the number of integer kW, and the last to digits are decimals.
Example: code suffix 00175 denotes 1.75 kW.

Power supply (c) _____
Single-speed motor ²⁾

1 = 220–240 V delta/380–420 V star
220 V delta/380 V star

2 = 380–420 V delta/660–690 V star

5 = 500 V star (sizes 63–100)
500 V delta (sizes 112–160)

Two-speed motor ³⁾

1 = 220–230 V (sizes 63–132)
230 V (sizes 160)

2 = 380–400 V (sizes 112–132)
400 V (sizes 160)

4 = 400–415 V (sizes 63–132)
415 V (sizes 160)

5 = 500 V (sizes 63–160)

Temperature sensors in stator winding (d) _____
0 = without
1 = with bimetal temperature contacts
2 = with thermistor



Manufacture (e) _____
0 = ABB
2 = WEG

- 1) For the higher speed of a two-speed motor.
 - 2) Star/delta starting is not possible if the motor is wound for the mains voltage when connected in star.
 - 3) Type ATAL, ARAL and ASSL two-speed motors **cannot** be star/delta started.
- Quotations for two-speed motors designed for star/delta starting will be submitted on request.**

Ordering key

Electric cubicle for STRD ECEL-aa-bb-c

for a factory-assembled unit for horizontal installation indoors

Unit size **(aa)** _____
01–09

Air handling combination **(bb)** _____
as per ECAA

Variant **(c)** _____
0 = Outdoor
2 = for reglerfabrikat TAC Exenta
4 = for Siemens Saphir 32/36
5 = for Johnson Controls control equipment, DX9100

Inspection section ECTC-aa-bb-c-d

In supply and exhaust air paths

Unit size **(aa)** _____
01–09

Air handling combination **(bb)** _____
as per ECAA

Length/version **(c)** _____
2 = 200 mm
4 = 400 mm
6 = 600 mm

Version **(d)** _____
0 = without inspection door
1 = with inspection door

Recirculated air section ECTD-aa-bb-c-1

Unit size **(aa)** _____
01–09

Air handling combination **(bb)** _____
as per ECAA

Version **(c)** _____
1 = with recirculated air damper
2 = with recirculated air / extract air damper
3 = with recirculated air / extract air damper and inspection section

Material function **(d)** _____
1 = galvanized sheet steel

Silencer section ¹⁾ ECSA-aa-bb-c-d-e-f separate block

Unit size **(aa)** _____
01–09

Air handling combination **(bb)** _____
as per ECAA, with air inlet/discharge in end wall

Location **(c)** _____
1 = on end wall, supply air fan
2 = on end wall, exhaust air fan

Length **(d)** _____
1 = short baffle
2 = short baffle with diffuser (for ECLF)
3 = long baffle
4 = long baffle with diffuser (for ECLF)

Baffle design **(e)** _____
2 = withdrawable, wet cleanable

Material **(f)** _____
1 = galvanized sheet steel

1) Should be ordered as ECAA with ECSA in a separate first or last block. See ECAA (d = 2 or 4)

Ordering key

Unit accessories

Inspection window ECAZ-01-b

Version **(b)** _____
 1 = single glazed, 2 = double glazed

To be specified after every section in the supply air path for which a window is required as follows:

- 1 Fan ECL(B,F,K)
- 1 Inspection section ECTC (c - 4, 9)
- 1 Recirculated air section ECTD
- 1 Heat recovery unit ECRA
- 2 Heat recovery unit ECRC
- 2 Air recirculation section ECRF

Lifting lugs ECAZ-02

Base frame ¹⁾ ECAZ-04-bb-ccc-d-e-f

For a block divided unit on a common base frame

Unit size **(bb)**: 01-09 _____

Length **(ccc)** _____
 Unit or block length (cm) in steps of 10 cm as per ECAA on pages 279 and 280

Version **(d)** _____
 1 = base frame
 2 = base frame + adjustable feet

Delivery form **(e)** _____
 1 = base frame fitted to unit or block
 2 = unassembled base frame delivered separately

Material **(f)** _____
 1 = galvanized sheet steel
 2 = stainless sheet steel AISI 304

1) Attenuater ECSA requires separate base frame.

Lifting tubes, set of two ECAZ-05-bb

Unit size **(bb)** _____
 01-09

Spreaders, set of two for unit with roof ECAZ-06-bb (for unit with roof)

Unit size **(bb)** _____
 01-09

Ordering key

Water trap ECAZ-08

Light fitting ECAZ-09-bb-c-d-e-f

Unit size (bb) _____
01-09

Delivery form (c) _____
1 = wired to a common switch (factory-assembled unit)
2 = unmounted light fitting
3 = wired to a switch (separate block)
4 = wired to a terminal box (separate block)

Location in ECL(B,F,K) fans (d) _____
0 = without
1 = with (two) (factory-assembled unit)
2 = with (one) (separate block) (c = 3 or 4)

Location in ECRC plate heat exchanger/ECRF (e) _____
air recirculation section
0 = without
1 = with (two)

Located in the ECTC inspection section (f) _____
in the supply air path
0 = without
1 = with, in one inspection section (one)
2 = with, in two inspection sections (two)

Flange connection for air heater and air cooler ECAZ-11-b-c-1

Connection (b) _____
1 = nr 15
2 = nr 25
3 = nr 32
4 = nr 50
5 = nr 80

Loose flange (c) _____
0 = without
1 = with, for threaded connection (b = 1-4)
2 = with, for welded connection

Material (d) _____
1 = steel

Air purging valve for air heaters and air coolers ECAZ-12-b

Version (b) _____
2 = automatic

Earth cable ECAZ-13-b

Location (b) _____
1 = fan
2 = flexible connection (ECAZ-17)

Roof for outdoor installation ECAZ-14-bb-ccc-d-e

Unit size (bb): 01-09 _____

Length (ccc) _____
Unit length (cm) in steps of 10 cm
as per ECAA on pages 279 and 280

Version ¹⁾ (d) _____
1 = factory-assembled unit
2 = first block of unit divided into blocks
3 = intermediate block of unit divided into blocks
4 = last block of unit divided into blocks
5 = Coolerblock

Material (e) _____
1 = galvanized sheet steel
5 = galvanized sheet steel coated with polyester

1) Common roof for unit with ECSA silencer must be ordered as for a unit divided into blocks (d = 2, 3, 4).

Intake grille for outdoor installation ECAZ-15-bb-c

Unit size (bb): 01-09 _____

Material (c) _____
1 = galvanized sheet steel (blades of propylene plastic)
2 = stainless sheet steel AISI 304 (fins in PP-plastic)

Cowl for outdoor installation ECAZ-16-bb-c-d

Unit size (bb): 01-09 _____

Location (c) _____
1 = inlet (ECVA, ECRF, ECSA)
2 = fan outlet ECL(B,F)
3 = fan outlet (ECLK, ECRF, ECSA)

Material (d) _____
1 = galvanized sheet steel,
2 = stainless sheet steel AISI 304

Flexible connection ECAZ-17-bb-c-d
Duct connection piece ECAZ-18-bb-c-d
Counterflange (d = 2, 4) ECAZ-19-bb-c-d
Protective screen ECAZ-20-bb-c-d

Unit size (bb): 01-09 _____

Location (c) _____
1 = inlet (ECVA, ECRF, ECSA)
alt. on outlet (ECRF, ECSA, ECLK)
2 = fan outlet ECL(B,F)

Connection type (d) _____
1 = PG-joint, galvanized sheet steel
2 = flanged connection, galvanized sheet steel
3 = PG-joint, stainless sheet steel AISI 304
4 = flanged connection, stainless sheet steel AISI 304

Ordering key

Filter cassette ECAZ-21-bb-cc

Unit size **(bb)**: 01-09

Bag filter set for supply air or exhaust air **(cc)**

04 = short, filter class G4 (EU 4), synthetic
 05 = short, filter class F5 (EU 5), synthetic
 06 = short, filter class F6 (EU 6), synthetic

14 = long, filter class G4 (EU 4), synthetic
 15 = long, filter class F5 (EU 5), synthetic
 16 = long, filter class F6 (EU 6), synthetic
 17 = long, filter class F7 (EU 7), synthetic
 18 = long, filter class F8 (EU 8), synthetic

26 = long, filter class F6 (EU 6), glass fibre
 27 = long, filter class F7 (EU 7), glass fibre
 29 = long, filter class F9 (EU 9), glass fibre

37 = long, filter class F7 (EU 7), synthetic,
 plastic frame

47 = short, filter class F7 (EU 7), glass fibre

Prefilter cassette, supply air, G3 (EU 3) ECAZ-22-bb

Unit size **(bb)**
 01-09

U-tube manometer ECAZ-23

Pressure gauge, filter Dwyer MAGNEHELIC ECAZ-24

Differential manometer, sloping scale ECAZ-25

Filter monitor STYZ-28-b-c

Positioning **(b)**
 1 = supply air
 2 = exhaust air

Delivery form **(c)**
 0 = not assembled for unit delivery only
 1 = not assembled for simultaneous control delivery
 4 = assembled and connected for simultaneous control delivery

Speed monitor ECAZ-27-b

Version ¹⁾ **(b)**
 1 = alarm relay (for constant speed)
 2 = magnetic sensor (for constant and variable speed, factory fitted)

1) Constant speed: 1 st ECAZ-27-1 + 1 st ECAZ-27-2
 Speed controller: 1 st ECAZ-27-2

Humidifier fills, replacement (for ECQA) ECAZ-28-bb-1

Unit size **(bb)**: 01-09

Humidification rate **(c)**
 1 = 90%, glass fibre (COOLMASTER)

Flow indication, analogue direct reading instrument for ECL(B,F) ECAZ-29-bb-c

Unit size **(bb)**: 01-09

Fan **(c)**
 1 = ECLF fan
 2 = ECLB fan (bb = 03 - 09)

Grille door for one fan unit ECAZ-31-bb-1-1

Unit size **(bb)**
 01-09

Fan variant **(c)**
 1 = belt driven
 3 = ECLK Plenum fan (bb = 03-09)

Material **(d)**
 1 = galvanized sheet steel

Optional drain tray extra tray for plate heat exchanger, supply air section ECAZ-32-bb-cc-d

Unit size **(bb)**
 01-09

Air handling combination **(cc)**

Plate heat exchanger **(d)**
 1 = large
 2 = small (bb = 03-09)

Ordering key

Anti-frost protection for ECKB in the outdoor version **ECAZ-34-bb**

Unit size (bb) _____
03-09

Lever actuator for ECVA, ECTD and ECRF **ECAZ-35**

Installation instructions **ECAZ-36-bb**

Language variant (bb) _____
02 = Swedish
03 = English
04 = German
06 = Finnish

Filter trough for ECVA air intake section (stainless steel AISI 304) **ECAZ-37-bb-cc-1-e-f**

Unit size (bb) _____
01-09

Air handling combination (cc) _____

Location (d) _____
1 = supply air

Direction of air flow (e) _____
1 = end wall inlet, short filter bag
2 = end wall inlet, long filter bag
3 = roof inlet

Drainage (f) _____
0 = without
1 = with ¹⁾

1) Prerequisite: horizontal unit or ECAZ-04 base frame.

Manometer **ECAZ-38**

U-tube manometer **ECAZ-41-bb-c**

Unit size (bb) _____
03-09

Fan size (c) _____
7 = small, Centriflow Plus
8 = medium, Centriflow Plus
9 = big, Centriflow Plus

Raised legs **ECAZ-42-bb-c-d**

with adjustable foot (set of 2) 1)
For leg support ECAZ-50 and base frame ECAZ-04

Foundation height (bb) _____
Nom. height (±20 mm) incl. base frame/leg support
25 = 25 cm
50 = 50 cm

Material (c) _____
1 = galvanized steel
2 = stainless steel, SS 2333 (AISI 304)

Execution (d) _____
1 = legs assembled/adjustable foot sep. del. (bb = 25)
2 = delivered separately

1) Min. requirement: (ECAZ-50 (ccc) / 75 + 2) legs
Alt. for leg support ECAZ-50: block length 2000: 4
> 2000: 6 legs

Modification kit, water system (for ECQA, c = 1) **ECAZ-45-bb**

Glass fibre ⇔ Aluminium
(Incl. humidifier fill)

Unit size (bb) _____
bb = 01-09

Leg support **ECAZ-50-bb-ccc-1-e**

Till separat block samt helt aggregat

Unit size (bb) _____
01-09

Length (ccc) _____
Length, cm = (ECAA delkod -eee)

Height (d) _____
1 = 150 mm

Material (e) _____
1 = fz galvanized sheet steel
2 = stainless steel, SS 2333 (AISI 304)

Tool box **AUBA-1**

Flow indication **STYZ-78-b-c**

Pressure range (b) _____
1 = 0-500 Pa
2 = 0-1000 Pa
3 = 0-2000 Pa
5 = 0-5000 Pa
8 = 0-8000 Pa

Delivery form (c) _____
0 = Not assembled for unit delivery only
3 = Assembled for unit delivery only
4 = Assembled and connected for simultaneous control delivery