



## FAI DP

Heat recovery ventilator configurable on site

- Horizontal and/or vertical configuration, with or without motorized by-pass
  - Extruded alloy aluminium profiles
  - Casing in double skin steel panels, plasticized white, sandwiched on injected polyurethane foam, thickness 25mm and density 42 Kg/m<sup>3</sup>
  - Cross-flow aluminium heat exchanger
  - 3 or 4 speed direct driven AC blowers 230V-1-50Hz (up to size 4)
  - 1 speed direct driven AC blowers 400V-3-50Hz (for size 5 and 6)
  - Filters (EN 779): G4 class for exhaust air - F7 class low pressure loss for fresh air
  - Also available in plug-n-play solutions with electrical panel and microprocessor control pre-wired on board
  - Water or electric post-heating integrable into the unit
- RANGE: nr. 6 models from 400 m<sup>3</sup>/h up to 5.600 m<sup>3</sup>/h airflow



**DELIVERY TIMING:**  
2 weeks (whitout regulation)  
4 weeks (with plug-n-play versions)



**SEE THE QUICK COMPARISON TABLE OF THE MICROPROCESSOR CONTROLLERS:**  
see page 11



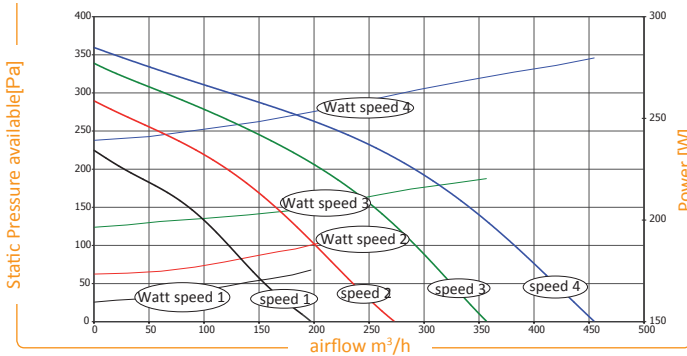
**TECHNICAL DATA:**  
[www.utek.eu](http://www.utek.eu)



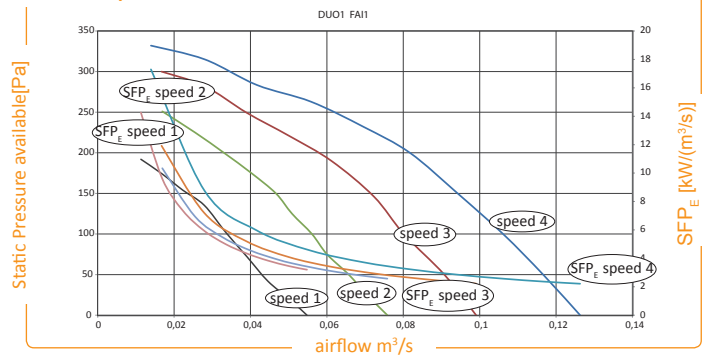
**CONFIGURATION SOFTWARE:**  
[www.airfactory.it](http://www.airfactory.it)

## PERFORMANCES

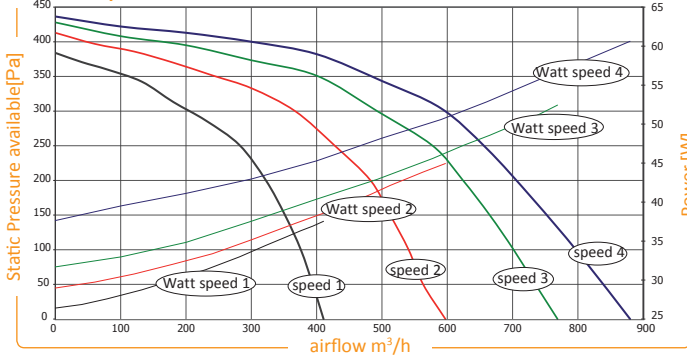
FAI 1 DP H/V



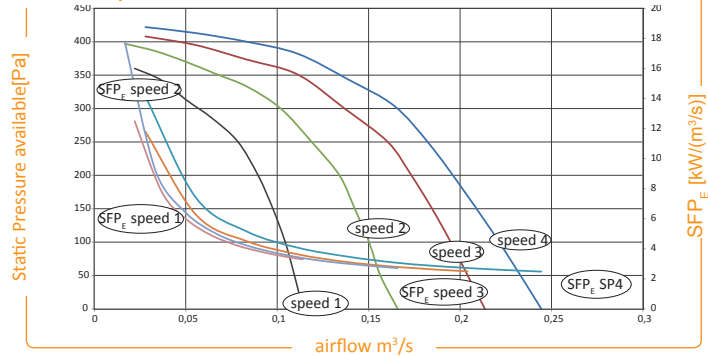
FAI 1 DP H/V



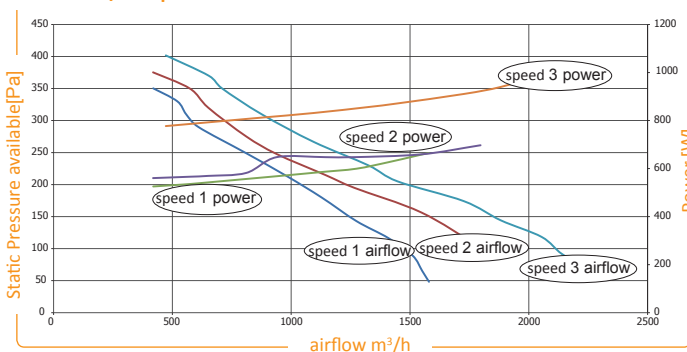
FAI 2 DP H/V



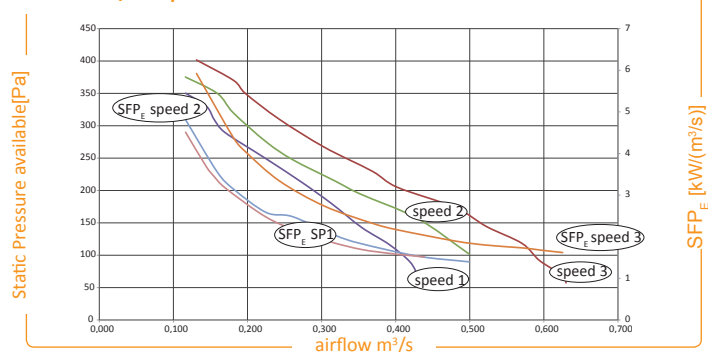
FAI 2 DP H/V



FAI 3 DP H/V 3 speed



FAI 3 DP H/V 3 speed

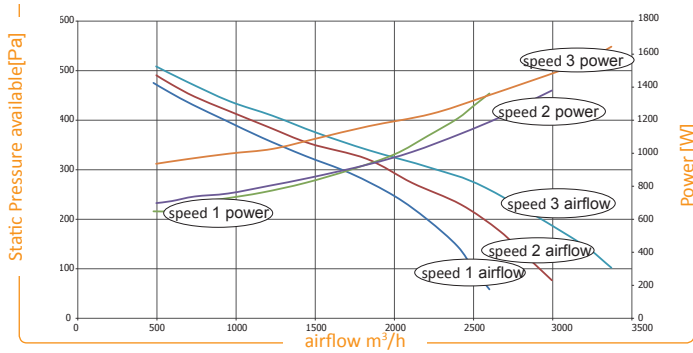




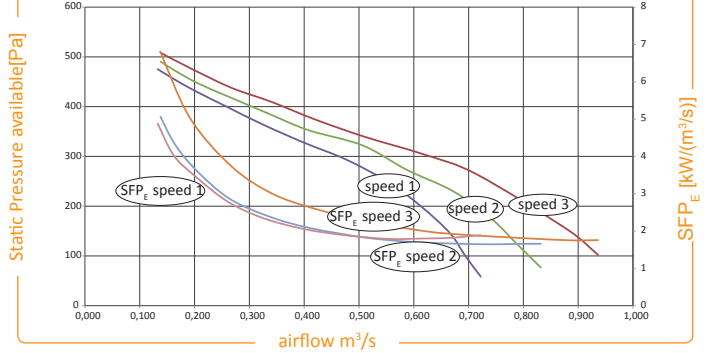
# HEAT RECOVERY VENTILATOR FOR ENERGY EFFICIENT COMMERCIAL BUILDINGS

( $\eta = \text{min. } 50\% \text{ max } >70\%$ )

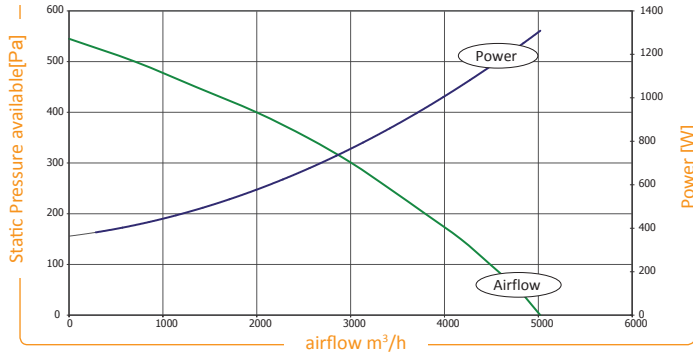
FAI 4 DP H/V 3 speed



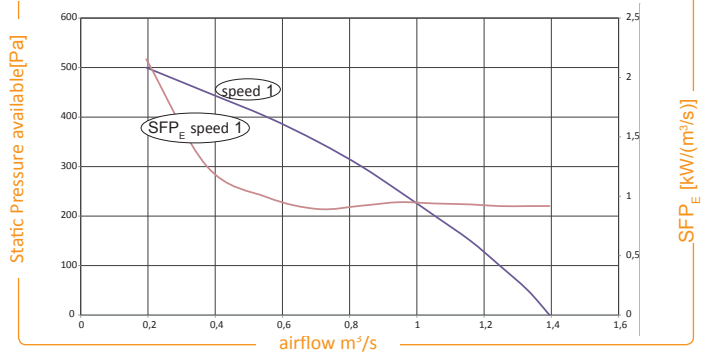
FAI 4 DP H/V 3 speed



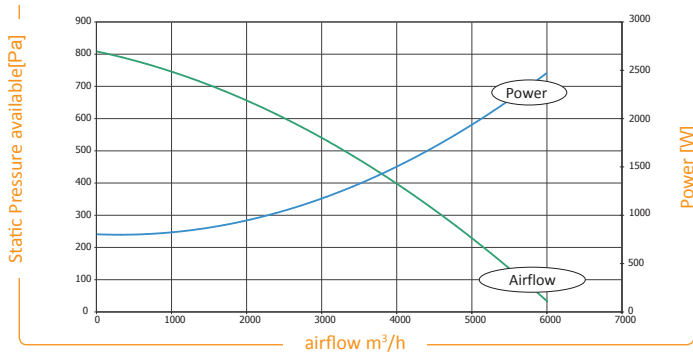
FAI 5 DP H/V 1 speed



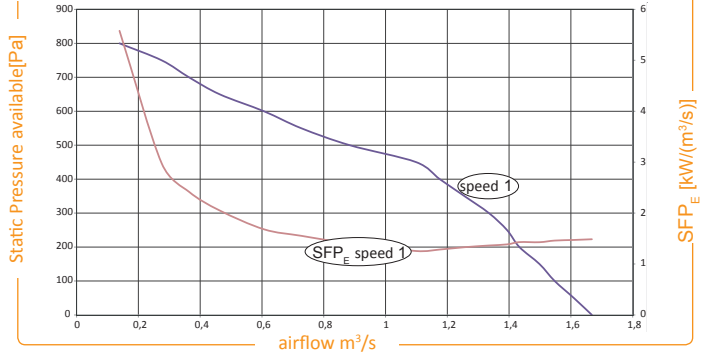
FAI 5 DP H/V 1 speed



FAI 6DP H/V 1 speed

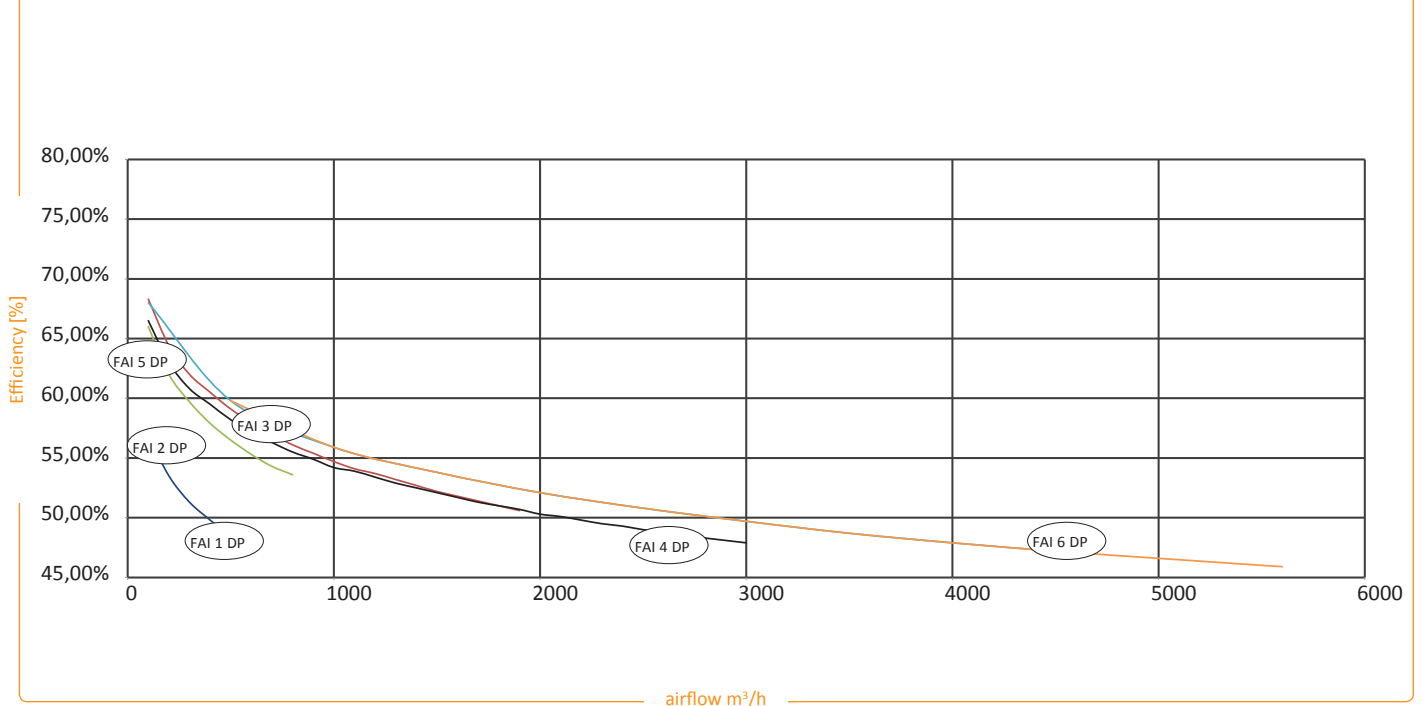


FAI 6DP H/V 1 speed



## HEAT RECOVERY PERFORMANCE (sensible efficiency)

Values referred to the following conditions: T<sub>bs</sub> external air - 5°C; U.R. external 80%; T<sub>bs</sub> environment 20°C; U.R. environment 50%; nominal airflow

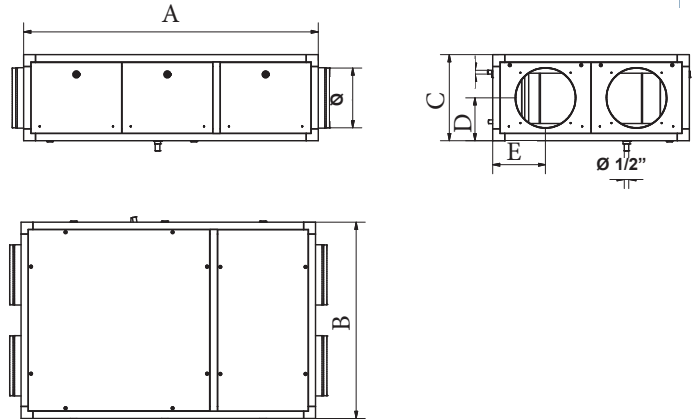




## DIMENSIONS AND WEIGHT HORIZONTAL CONFIGURATION (H)

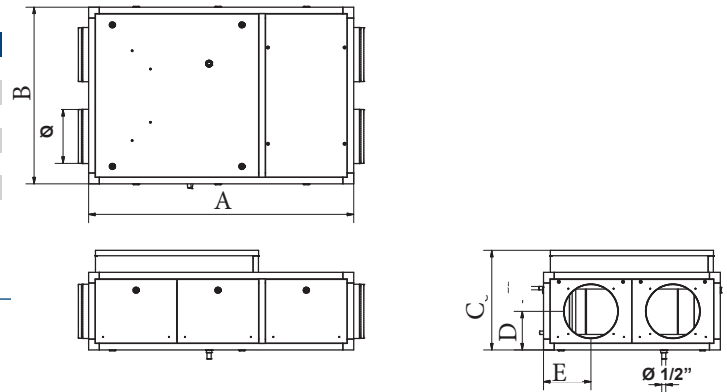
### DIMENSIONS (mm) and WEIGHT (Kg) WITHOUT BY-PASS

MODEL	A	B	C	D	E	Ø	Weight
FAI 1 DP	960	640	345	172,5	175	200	40
FAI 2 DP	1230	820	360	180	220	250	56
FAI 3 DP	1560	1040	535	267,5	225	315	110
FAI 4 DP	1905	1270	630	315	240	355	155
FAI 5 DP	1550	1200	855	427,5	305	450	195
FAI 6 DP	1550	1200	855	427,5	305	450	200

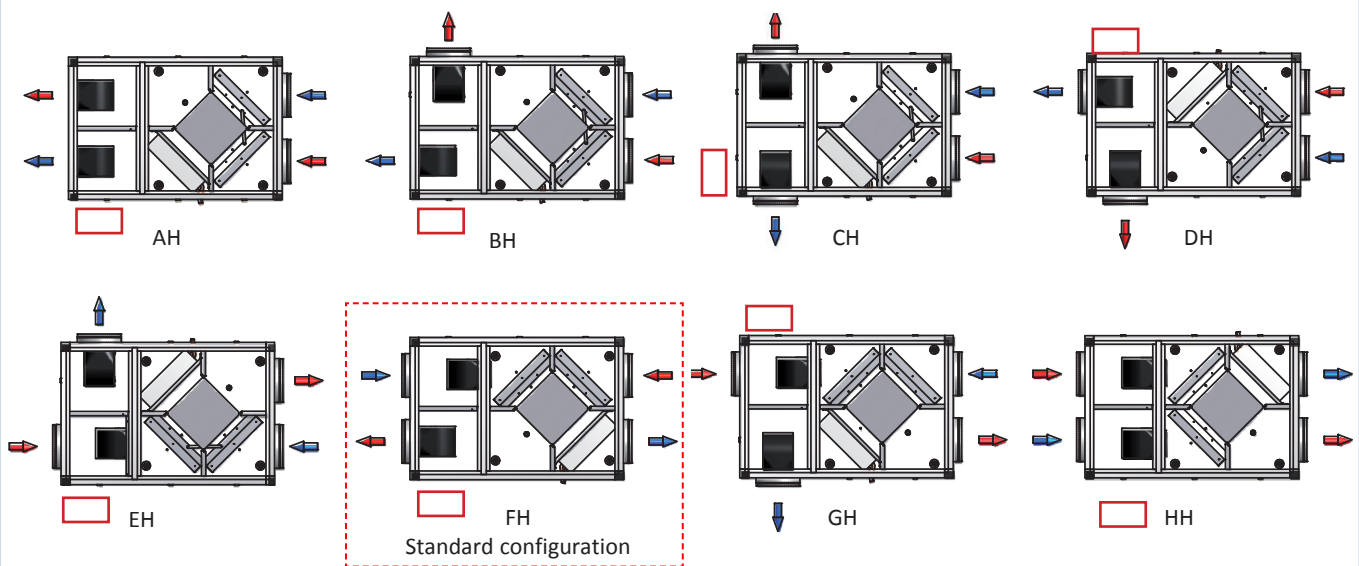


### DIMENSIONS (mm) and WEIGHT (Kg) WITH BY-PASS (BP)

MODEL	A	B	C	D	E	Ø	ØR	Weight
FAI 1 DP	960	640	450	172,5	175	200	1/2"	49
FAI 2 DP	1230	820	465	180	220	250	1/2"	68
FAI 3 DP	1560	1040	640	267,5	225	315	1/2"	126
FAI 4 DP	1905	1270	735	315	240	355	1"	176
FAI 5 DP	1550	1200	855	427,5	305	450	1"	195
FAI 6 DP	1550	1200	855	427,5	305	450	1"	200



### HORIZONTAL CONFIGURATION - top view -



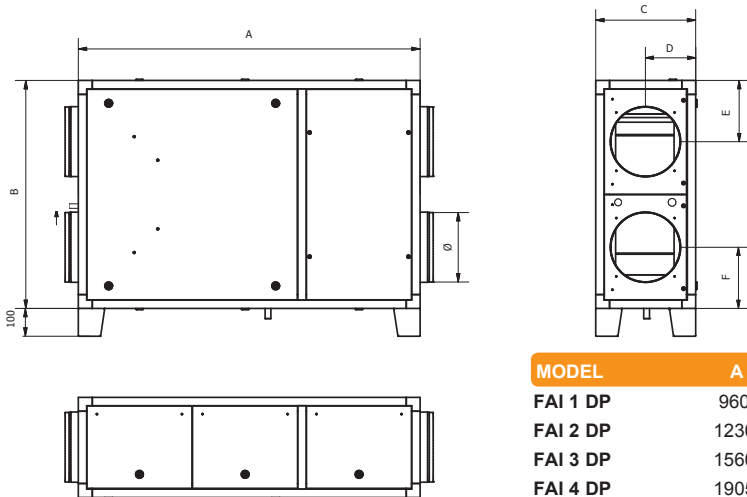
**Legend**

- Electric board
- Fresh air
- Exhaust air



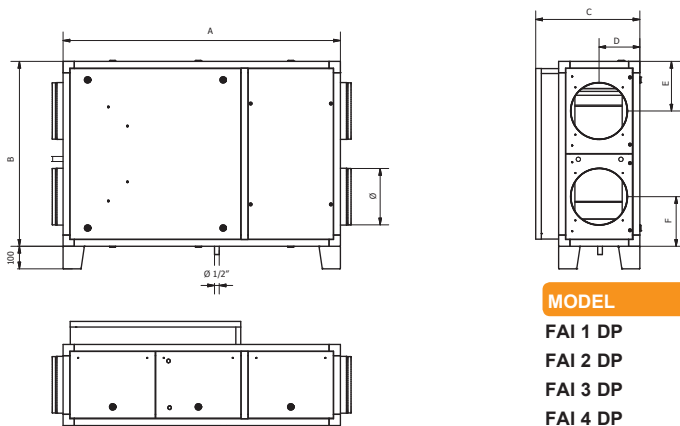
DIMENSION (mm) and WEIGHT (kg) VERTICAL

WITHOUT BYPASS



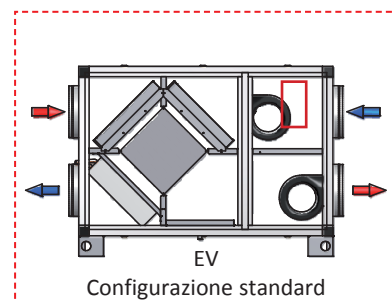
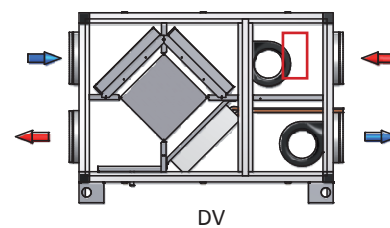
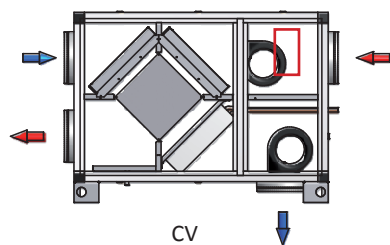
MODEL	A	B	C	D	E	F	Ø	Weight
FAI 1 DP	960	640	345	172,5	175	175	200	40
FAI 2 DP	1230	820	360	180	220	220	250	56
FAI 3 DP	1560	1040	535	315	325	225	315	110
FAI 4 DP	1905	1270	630	360	425	240	355	155
FAI 5 DP	1550	1200	855	427,5	305	305	450	195
FAI 6 DP	1550	1200	855	427,5	305	305	450	200

WITH BYPASS



MODEL	A	B	C	D	E	F	Ø	Weight
FAI 1 DP	960	640	450	172,5	175	175	200	49
FAI 2 DP	1230	820	465	180	220	220	250	68
FAI 3 DP	1560	1040	640	315	325	225	315	126
FAI 4 DP	1905	1270	735	360	425	240	355	176
FAI 5 DP	1550	1200	855	427,5	305	305	450	195
FAI 6 DP	1550	1200	855	427,5	305	305	450	200

VERTICAL CONFIGURATION



- Electric board
- fresh air
- ← exhaust air



### FAI without regulation



**HORIZONTAL**  
without BY-PASS



**VERTICAL**  
without BY-PASS

REL-T 400V-3-50Hz

Model	Code	Price	Model	Code	Price
FAI 1 DP H	2BA000010BFH	€ 1.620,00	FAI 1 DP V	2BA000010BEV	€ 1.701,00
FAI 2 DP H	2BB000010BFH	€ 2.000,00	FAI 2 DP V	2BB000010BEV	€ 2.100,00
FAI 3 DP H	2BC000010BFH	€ 2.690,00	FAI 3 DP V	2BC000010BEV	€ 2.824,50
FAI 4 DP H	2BD000010BFH	€ 3.750,00	FAI 4 DP V	2BD000010BEV	€ 3.937,50
FAI 5 DP H	2BE000010BFH	€ 5.197,00	FAI 5 DP V	2BE000010BEV	€ 5.456,85
FAI 6 DP H	2BF000010BFH	€ 5.594,00	FAI 6 DP V	2BF000010BEV	€ 5.873,70



**HORIZONTAL**  
with BY-PASS



**VERTICAL**  
with BY-PASS

Model	Code	Price	Model	Code	Price
FAI 1 DP BP H	2BA000020BFH	€ 1.910,40	FAI 1 DP BP V	2BA000020BEV	€ 1.991,40
FAI 2 DP BP H	2BB000020BFH	€ 2.325,00	FAI 2 DP BP V	2BB000020BEV	€ 2.425,00
FAI 3 DP BP H	2BC000020BFH	€ 3.041,00	FAI 3 DP BP V	2BC000020BEV	€ 3.175,50
FAI 4 DP BP H	2BD000020BFH	€ 4.150,40	FAI 4 DP BP V	2BD000020BEV	€ 4.337,90
FAI 5 DP BP H	2BE000020BFH	€ 6.203,00	FAI 5 DP BP V	2BE000020BEV	€ 6.462,85
FAI 6 DP BP H	2BF000020BFH	€ 6.637,00	FAI 6 DP BP V	2BF000020BEV	€ 6.916,70

### POST-HEATING WATER COIL



**HORIZONTAL**  
without BY-PASS



.. BA-AC



**VERTICAL**  
without BY-PASS



.. BA-AC

Model	Code	Price	Model	Code	Price
FAI 1 DP H	2BAA00010BFH	€ 1.869,30	FAI 1 DP V	2BAA00010BEV	€ 1.950,30
FAI 2 DP H	2BBA00010BFH	€ 2.291,80	FAI 2 DP V	2BBA00010BEV	€ 2.391,80
FAI 3 DP H	2BCA00010BFH	€ 3.067,00	FAI 3 DP V	2BCA00010BEV	€ 3.201,50
FAI 4 DP H	2BDA00010BFH	€ 4.341,30	FAI 4 DP V	2BDA00010BEV	€ 4.528,80
FAI 5 DP H	2BEA00010BFH	€ 5.925,00	FAI 5 DP V	2BEA00010BEV	€ 6.185,00
FAI 6 DP H	2BFA00010BFH	€ 6.322,00	FAI 6 DP V	2BFA00010BEV	€ 6.601,70



**HORIZONTAL**  
with BY-PASS



.. BA-AC



**VERTICAL**  
with BY-PASS



.. BA-AC

Model	Code	Price	Model	Code	Price
FAI 1 DP BP H	2BAA00020BFH	€ 2.159,70	FAI 1 DP BP V	2BAA00020BEV	€ 2.240,70
FAI 2 DP BP H	2BBA00020BFH	€ 2.616,80	FAI 2 DP BP V	2BBA00020BEV	€ 2.716,80
FAI 3 DP BP H	2BCA00020BFH	€ 3.418,00	FAI 3 DP BP V	2BCA00020BEV	€ 3.552,50
FAI 4 DP BP H	2BDA00020BFH	€ 4.741,70	FAI 4 DP BP V	2BDA00020BEV	€ 4.929,20
FAI 5 DP BP H	2BEA00020BFH	€ 6.931,00	FAI 5 DP BP V	2BEA00020BEV	€ 7.191,00
FAI 6 DP BP H	2BFA00020BFH	€ 7.365,00	FAI 6 DP BP V	2BFA00020BEV	€ 7.644,70

### ELECTRICAL HEATER POST-HEATING



**HORIZONTAL**  
without BY-PASS



.. REL-M/REL-T  
230V-1-50Hz / 400V-3-50Hz



**VERTICAL**  
without BY-PASS



.. REL-M/REL-T  
230V-1-50Hz / 400V-3-50Hz

Model	Code	Price	Model	Code	Price
FAI 1 DP H	2BAB00010BFH	€ 1.857,00	FAI 1 DP V	2BAB00010BEV	€ 1.938,00
FAI 2 DP H	2BBB00010BFH	€ 2.313,00	FAI 2 DP V	2BBB00010BEV	€ 2.413,00
FAI 3 DP H	2BCB00010BFH	€ 3.015,00	FAI 3 DP V	2BCB00010BEV	€ 3.149,50
FAI 4 DP H	2BDB00010BFH	€ 4.467,00	FAI 4 DP V	2BDB00010BEV	€ 4.654,50
FAI 4 DP H	2BDC00010BFH	€ 4.467,00	FAI 4 DP V	2BDC00010BEV	€ 4.654,50
FAI 5 DP H	2BEC00010BFH	€ 5.972,00	FAI 5 DP V	2BEC00010BEV	€ 6.232,00
FAI 6 DP H	2BFC00010BFH	€ 6.369,00	FAI 6 DP V	2BFC00010BEV	€ 6.648,70



**HORIZONTAL**  
with BY-PASS



.. REL-M/REL-T  
230V-1-50Hz / 400V-3-50Hz



**VERTICAL**  
with BY-PASS



.. REL-M/REL-T  
230V-1-50Hz / 400V-3-50Hz

Model	Code	Price	Model	Code	Price
FAI 1 DP H	2BAB00020BFH	€ 2.147,40	FAI 1 DP V	2BAB00020BEV	€ 2.228,40
FAI 2 DP H	2BBB00020BFH	€ 2.638,00	FAI 2 DP V	2BBB00020BEV	€ 2.738,00
FAI 3 DP H	2BCB00020BFH	€ 3.366,00	FAI 3 DP V	2BCB00020BEV	€ 3.500,50
FAI 4 DP H	2BDB00020BFH	€ 4.867,40	FAI 4 DP V	2BDB00020BEV	€ 5.054,90
FAI 4 DP H	2BDC00020BFH	€ 4.867,40	FAI 4 DP V	2BDC00020BEV	€ 5.054,90
FAI 5 DP H	2BEC00020BFH	€ 6.978,00	FAI 5 DP V	2BEC00020BEV	€ 7.238,00
FAI 6 DP H	2BFC00020BFH	€ 7.412,00	FAI 6 DP V	2BFC00020BEV	€ 7.691,70



**FAI DP**  
microprocessor controller pre-wired on board



**HORIZONTAL**  
without BY-PASS

None



**VERTICAL**  
without BY-PASS

None

Model	Code	Price
FAI 1 DP H EVO PH ..	2BA0CA010BFH	€ 2.546,00
FAI 2 DP H EVO PH ..	2BB0CA010BFH	€ 2.926,00
FAI 3 DP H EVO PH ..	2BC0CA010BFH	€ 3.616,00
FAI 4 DP H EVO PH ..	2BD0CA010BFH	€ 4.676,00
FAI 5 DP H EVO PH ..	2BE0CN010BFH	€ 8.240,00
FAI 6 DP H EVO PH ..	2BF0CN010BFH	€ 8.637,00

Model	Code	Price
FAI 1 DP V EVO PH ..	2BA0CA010BEV	€ 2.627,00
FAI 2 DP V EVO PH ..	2BB0CA010BEV	€ 3.026,00
FAI 3 DP V EVO PH ..	2BC0CA010BEV	€ 3.751,00
FAI 4 DP V EVO PH ..	2BD0CA010BEV	€ 4.864,00
FAI 5 DP V EVO PH ..	2BE0CN010BEV	€ 8.499,00
FAI 6 DP V EVO PH ..	2BF0CN010BEV	€ 8.916,00

Model	Code	Price
FAI 1 DP H EVO D PH ..	2BA0TA010BFH	€ 2.692,00
FAI 2 DP H EVO D PH ..	2BB0TA010BFH	€ 3.072,00
FAI 3 DP H EVO D PH ..	2BC0TA010BFH	€ 3.762,00
FAI 4 DP H EVO D PH ..	2BD0TA010BFH	€ 4.822,00
FAI 5 DP H EVO D PH ..	2BE0TN010BFH	€ 8.386,00
FAI 6 DP H EVO D PH ..	2BF0TN010BFH	€ 8.783,00

Model	Code	Price
FAI 1 DP V EVO D PH ..	2BA0TA010BEV	€ 2.773,00
FAI 2 DP V EVO D PH ..	2BB0TA010BEV	€ 3.172,00
FAI 3 DP V EVO D PH ..	2BC0TA010BEV	€ 3.897,00
FAI 4 DP V EVO D PH ..	2BD0TA010BEV	€ 5.010,00
FAI 5 DP V EVO D PH ..	2BE0TN010BEV	€ 8.645,00
FAI 6 DP V EVO D PH ..	2BF0TN010BEV	€ 9.062,00

**POST-HEATING WATER COIL**



**HORIZONTAL**  
without BY-PASS

.. BA-AC



**VERTICAL**  
without BY-PASS

.. BA-AC

Model	Code	Price
FAI 1 DP H EVO PH ..	2BAACA010BFH	€ 2.814,00
FAI 2 DP H EVO PH ..	2BBACA010BFH	€ 3.237,00
FAI 3 DP H EVO PH ..	2BCACA010BFH	€ 4.012,00
FAI 4 DP H EVO PH ..	2BDACA010BFH	€ 5.286,00
FAI 5 DP H EVO PH ..	2BEACN010BFH	€ 8.986,00
FAI 6 DP H EVO PH ..	2BFACN010BFH	€ 9.383,00

Model	Code	Price
FAI 1 DP V EVO PH ..	2BAACA010BEV	€ 2.895,00
FAI 2 DP V EVO PH ..	2BBACA010BEV	€ 3.337,00
FAI 3 DP V EVO PH ..	2BCACA010BEV	€ 4.147,00
FAI 4 DP V EVO PH ..	2BDACA010BEV	€ 5.474,00
FAI 5 DP V EVO PH ..	2BEACN010BEV	€ 9.245,00
FAI 6 DP V EVO PH ..	2BFACN010BEV	€ 9.662,00

Model	Code	Price
FAI 1 DP H EVO D PH ..	2BAATA010BFH	€ 2.960,00
FAI 2 DP H EVO D PH ..	2BBATA010BFH	€ 3.383,00
FAI 3 DP H EVO D PH ..	2BCATA010BFH	€ 4.158,00
FAI 4 DP H EVO D PH ..	2BDATA010BFH	€ 5.432,00
FAI 5 DP H EVO D PH ..	2BEATN010BFH	€ 9.132,00
FAI 6 DP H EVO D PH ..	2BFATN010BFH	€ 9.529,00

Model	Code	Price
FAI 1 DP V EVO PH ..	2BAATA010BEV	€ 3.041,00
FAI 2 DP V EVO PH ..	2BBATA010BEV	€ 3.483,00
FAI 3 DP V EVO PH ..	2BCATA010BEV	€ 4.293,00
FAI 4 DP V EVO PH ..	2BDATA010BEV	€ 5.620,00
FAI 5 DP V EVO PH ..	2BEATN010BEV	€ 9.391,00
FAI 6 DP V EVO PH ..	2BFATN010BEV	€ 9.808,00

**ELECTRICAL HEATER POST-HEATING**



**HORIZONTAL**  
without BY-PASS

.. REL-M/REL-T  
230V-1-50Hz / 400V-3-50Hz



**VERTICAL**  
without BY-PASS

.. REL-M/REL-T  
230V-1-50Hz / 400V-3-50Hz

Model	Code	Price
FAI 1 DP H EVO PH ..	2BABC010BFH	€ 3.163,00
FAI 2 DP H EVO PH ..	2BBBC010BFH	€ 3.611,00
FAI 3 DP H EVO PH ..	2BCBCD010BFH	€ 4.237,00
FAI 4 DP H EVO PH ..	2DBBCD010BFH	€ 5.754,00
FAI 4 DP H EVO PH ..	2BDCCE010BFH	€ 5.985,00
FAI 5 DP H EVO PH ..	2BECC0010BFH	€ 9.750,00
FAI 6 DP H EVO PH ..	2BFCC0010BFH	€ 10.147,00

Model	Code	Price
FAI 1 DP H EVO PH ..	2BABC010BEV	€ 3.244,00
FAI 2 DP H EVO PH ..	2BBBC010BEV	€ 3.711,00
FAI 3 DP H EVO PH ..	2BCBCD010BEV	€ 4.372,00
FAI 4 DP H EVO PH ..	2DBBCD010BEV	€ 5.942,00
FAI 4 DP H EVO PH ..	2BDCCE010BEV	€ 6.173,00
FAI 5 DP H EVO PH ..	2BECC0010BEV	€ 10.009,00
FAI 6 DP H EVO PH ..	2BFCC0010BEV	€ 10.426,00

Model	Code	Price
FAI 1 DP H EVO D PH ..	2BABTB010BFH	€ 3.309,00
FAI 2 DP H EVO D PH ..	2BBBTC010BFH	€ 3.757,00
FAI 3 DP H EVO D PH ..	2BCBTD010BFH	€ 4.383,00
FAI 4 DP H EVO D PH ..	2DBBTD010BFH	€ 5.900,00
FAI 4 DP H EVO D PH ..	2BDCTE010BFH	€ 6.131,00
FAI 5 DP H EVO D PH ..	2BECT0010BFH	€ 9.896,00
FAI 6 DP H EVO D PH ..	2BFCT0010BFH	€ 10.293,00

Model	Code	Price
FAI 1 DP H EVO D PH ..	2BABTB010BEV	€ 3.390,00
FAI 2 DP H EVO D PH ..	2BBBTC010BEV	€ 3.857,00
FAI 3 DP H EVO D PH ..	2BCBTD010BEV	€ 4.518,00
FAI 4 DP H EVO D PH ..	2DBBTD010BEV	€ 6.088,00
FAI 4 DP H EVO D PH ..	2BDCTE010BEV	€ 6.319,00
FAI 5 DP H EVO D PH ..	2BECT0010BEV	€ 10.155,00
FAI 6 DP H EVO D PH ..	2BFCT0010BEV	€ 10.572,00

REL-T 400V-3-50Hz



**FAI DP**  
microprocessor controller pre-wired on board



**HORIZONTAL**  
with BY-PASS

None



**VERTICAL**  
with BY-PASS

None

Model	Code	Price
FAI 1 DP BP H EVO PH ..	2BA0CA020BFH	€ 2.837,00
FAI 2 DP BP H EVO PH ..	2BB0CA020BFH	€ 3.251,00
FAI 3 DP BP H EVO PH ..	2BC0CA020BFH	€ 3.967,00
FAI 4 DP BP H EVO PH ..	2BD0CA020BFH	€ 5.077,00
FAI 5 DP BP H EVO PH ..	2BE0CN020BFH	€ 9.246,00
FAI 6 DP BP H EVO PH ..	2BF0CN020BFH	€ 9.680,00

Model	Code	Price
FAI 1 DP BP V EVO PH ..	2BA0CA020BEV	€ 2.918,00
FAI 2 DP BP V EVO PH ..	2BB0CA020BEV	€ 3.351,00
FAI 3 DP BP V EVO PH ..	2BC0CA020BEV	€ 4.102,00
FAI 4 DP BP V EVO PH ..	2BD0CA020BEV	€ 5.264,00
FAI 5 DP BP V EVO PH ..	2BE0CN020BEV	€ 9.505,00
FAI 6 DP BP V EVO PH ..	2BF0CN020BEV	€ 9.959,00

Model	Code	Price
FAI 1 DP BP H EVO D PH ..	2BA0TA020BFH	€ 2.983,00
FAI 2 DP BP H EVO D PH ..	2BB0TA020BFH	€ 3.397,00
FAI 3 DP BP H EVO D PH ..	2BC0TA020BFH	€ 4.113,00
FAI 4 DP BP H EVO D PH ..	2BD0TA020BFH	€ 5.223,00
FAI 5 DP BP H EVO D PH ..	2BE0TN020BFH	€ 9.392,00
FAI 6 DP BP H EVO D PH ..	2BF0TN020BFH	€ 9.826,00

Model	Code	Price
FAI 1 DP BP V EVO D PH ..	2BA0TA020BEV	€ 3.064,00
FAI 2 DP BP V EVO D PH ..	2BB0TA020BEV	€ 3.497,00
FAI 3 DP BP V EVO D PH ..	2BC0TA020BEV	€ 4.248,00
FAI 4 DP BP V EVO D PH ..	2BD0TA020BEV	€ 5.410,00
FAI 5 DP BP V EVO D PH ..	2BE0TN020BEV	€ 9.651,00
FAI 6 DP BP V EVO D PH ..	2BF0TN020BEV	€ 10.105,00

**POST-HEATING WATER COIL**



**HORIZONTAL**  
with BY-PASS

.. BA-AC



**VERTICAL**  
with BY-PASS

.. BA-AC

Model	Code	Price
FAI 1 DP BP H EVO PH ..	2BAACA020BFH	€ 3.105,00
FAI 2 DP BP H EVO PH ..	2BBACA020BFH	€ 3.562,00
FAI 3 DP BP H EVO PH ..	2BCACA020BFH	€ 4.363,00
FAI 4 DP BP H EVO PH ..	2BDACA020BFH	€ 5.687,00
FAI 5 DP BP H EVO PH ..	2BEACN020BFH	€ 9.992,00
FAI 6 DP BP H EVO PH ..	2BFACN020BFH	€ 10.426,00

Model	Code	Price
FAI 1 DP BP V EVO PH ..	2BAACA020BEV	€ 3.186,00
FAI 2 DP BP V EVO PH ..	2BBACA020BEV	€ 3.662,00
FAI 3 DP BP V EVO PH ..	2BCACA020BEV	€ 4.498,00
FAI 4 DP BP V EVO PH ..	2BDACA020BEV	€ 5.874,00
FAI 5 DP BP V EVO PH ..	2BEACN020BEV	€ 10.251,00
FAI 6 DP BP V EVO PH ..	2BFACN020BEV	€ 10.705,00

Model	Code	Price
FAI 1 DP BP H EVO D PH ..	2BAATA020BFH	€ 3.251,00
FAI 2 DP BP H EVO D PH ..	2BBATA020BFH	€ 3.708,00
FAI 3 DP BP H EVO D PH ..	2BCATA020BFH	€ 4.509,00
FAI 4 DP BP H EVO D PH ..	2BDATA020BFH	€ 5.833,00
FAI 5 DP BP H EVO D PH ..	2BEATN020BFH	€ 10.138,00
FAI 6 DP BP H EVO D PH ..	2BFATN020BFH	€ 10.572,00

Model	Code	Price
FAI 1 DP BP V EVO D PH ..	2BAATA020BEV	€ 3.332,00
FAI 2 DP BP V EVO D PH ..	2BBATA020BEV	€ 3.808,00
FAI 3 DP BP V EVO D PH ..	2BCATA020BEV	€ 4.644,00
FAI 4 DP BP V EVO D PH ..	2BDATA020BEV	€ 6.020,00
FAI 5 DP BP V EVO D PH ..	2BEATN020BEV	€ 10.397,00
FAI 6 DP BP V EVO D PH ..	2BFATN020BEV	€ 10.851,00

**ELECTRICAL HEATER POST-HEATING**



**HORIZONTAL**  
with BY-PASS

.. REL-M/REL-T  
230V-1-50Hz / 400V-3-50Hz



**VERTICAL**  
with BY-PASS

.. REL-M/REL-T  
230V-1-50Hz / 400V-3-50Hz

Model	Code	Price
FAI 1 DP BP H EVO PH ..	2BABC020BFH	€ 3.454,00
FAI 2 DP BP H EVO PH ..	2BBBC020BFH	€ 3.936,00
FAI 3 DP BP H EVO PH ..	2BCBC020BFH	€ 4.588,00
FAI 4 DP BP H EVO PH ..	2BDBC020BFH	€ 6.155,00
FAI 4 DP BP H EVO PH ..	2BDCCE020BFH	€ 6.386,00
FAI 5 DP BP H EVO PH ..	2BECC020BFH	€ 10.756,00
FAI 6 DP BP H EVO PH ..	2BFCC020BFH	€ 11.190,00

Model	Code	Price
FAI 1 DP BP V EVO PH ..	2BABC020BEV	€ 3.535,00
FAI 2 DP BP V EVO PH ..	2BBBC020BEV	€ 4.036,00
FAI 3 DP BP V EVO PH ..	2BCBC020BEV	€ 4.723,00
FAI 4 DP BP V EVO PH ..	2BDBC020BEV	€ 6.342,00
FAI 4 DP BP V EVO PH ..	2BDCCE020BEV	€ 6.573,00
FAI 5 DP BP V EVO PH ..	2BECC020BEV	€ 11.015,00
FAI 6 DP BP V EVO PH ..	2BFCC020BEV	€ 11.469,00

Model	Code	Price
FAI 1 DP BP H EVO D PH ..	2BABTB020BFH	€ 3.600,00
FAI 2 DP BP H EVO D PH ..	2BBBTC020BFH	€ 4.082,00
FAI 3 DP BP H EVO D PH ..	2BCBTD020BFH	€ 4.734,00
FAI 4 DP BP H EVO D PH ..	2BDBTD020BFH	€ 6.301,00
FAI 4 DP BP H EVO D PH ..	2BDCTE020BFH	€ 6.532,00
FAI 5 DP BP H EVO D PH ..	2BECTO020BFH	€ 10.902,00
FAI 6 DP BP H EVO D PH ..	2BFCTO020BFH	€ 11.336,00

Model	Code	Price
FAI 1 DP BP V EVO D PH ..	2BABTB020BEV	€ 3.681,00
FAI 2 DP BP V EVO D PH ..	2BBBTC020BEV	€ 4.182,00
FAI 3 DP BP V EVO D PH ..	2BCBTD020BEV	€ 4.869,00
FAI 4 DP BP V EVO D PH ..	2BDBTD020BEV	€ 6.488,00
FAI 4 DP BP V EVO D PH ..	2BDCTE020BEV	€ 6.719,00
FAI 5 DP BP V EVO D PH ..	2BECTO020BEV	€ 11.161,00
FAI 6 DP BP V EVO D PH ..	2BFCTO020BEV	€ 11.615,00

REL-T 400V-3-50Hz



## TECHNICAL DATA

**RCF..  
ELECTRICAL HEATER OF DEICING**

	FAI 1 DP	FAI 2 DP	FAI 3 DP	FAI 4 DP		FAI 5 DP	FAI 6 DP
Nominal power (kW)	2	4	6	8	8	12	12
Voltage (V)	230	230	230	230	400	400	400
Phases (nr.)	1	1	1	1	3	3	3
Stages (nr.)	1	2	2	2	2	2	2
Current absorption (A)	8,5	17,5	26	34,78	11,55	17,32	17,32
Intake air temp. on exchanger (°C)	-3	-3	0	-5	-5	-5	-5

Dimensionate con temperatura aria esterna = -15°C e portata aria nominale.

**REL..  
ELECTRICAL HEATER POST-HEATING**

	FAI 1 DP	FAI 2 DP	FAI 3 DP	FAI 4 DP		FAI 5 DP	FAI 6 DP
	REL-M1	REL-M1	REL-M1	REL-M2	REL-T2	REL-T2	REL-T2
Nominal power (kW)	2	4	6	8	8	12	12
Voltage (V)	230	230	230	230	400	400	400
Phases (nr.)	1	1	1	1	3	3	3
Stages (nr.)	1	2	2	2	2	2	2
Current absorption (A)	8,5	17,5	26	34,78	11,55	17,32	17,32
Intake air temp. on exchanger (°C)	20	20	21	20	20	22	20

Measured with intake air temp. = 8°C and nominal airflow

Loss of pressure between 2 and 10 Pa, on the air side of the REL section

**BA-AC  
POST-HEATING HOT WATER COIL 80°/70° C**

	FAI 1 DP	FAI 2 DP	FAI 3 DP	FAI 4 DP	FAI 5 DP	FAI 6 DP
Rows (nr.)	2	2	2	2	2	2
Thermal yield (kW)	2,62	5,75	10,67	14,29	30	34,5
Replacement air outlet temp. (°C)	23,3	29,2	24,4	21,9	29	25,4
Air side pressure loss (Pa)	16	32	31	27	60	100
Water side pressure loss (kPa)	1	2,5	41	21	10	10
Water side connection size (Ø)	1/2"	1/2"	1/2"	1	1	1

Values referring to the following conditions: water 80°/70°C; Intake air temp. 8°C; nominal airflow

The tables of thermal yield are available on [Accessories](#) booklet

**BA-AT  
POST-HEATING TEMPERATE WATER COIL 45°/35° C**

	FAI 1 DP	FAI 2 DP	FAI 3 DP	FAI 4 DP	FAI 5 DP	FAI 6 DP
Rows (nr.)	2	2	2	2	3	3
Thermal yield (kW)	2,2	3,7	7,9	13,3	20,6	23,4
Replacement air outlet temp. (°C)	21,0	22,2	20,3	21,2	22,1	20,5
Air side pressure loss (Pa)	90	65	95	80	90	125
Water side pressure loss (kPa)	0,9	2,1	4,9	5,7	6,1	7,0
Water side connection size (Ø)	1/2"	1/2"	3/4"	3/4"	3/4"	3/4"

Values referring to the following conditions: water 45°/35°C; Intake air temp. 8°C; nominal airflow

The tables of thermal yield are available on [Accessories](#) booklet





## OPTIONAL ACCESSORIES

### SPEED CONTROL

Only for coupling to the unit without regulation



**CV**  
Speed switch commutator

Coupling	Model	Code	Price
FAI 1 DP	CV4*	0G0000000001	€ 54,00
FAI 2 DP	CV4*	0G0000000001	€ 54,00
FAI 3 DP	CV3**	0G0000000002	€ 48,00
FAI 4 DP	CV3**	0G0000000002	€ 48,00

\* 4 speed commutator

\*\* 3 speed commutator



**RVT**  
Speed regulator 400V-350Hz

Coupling	Model	Code	Price
FAI 5 DP	RVT 6A*	0G0000000003	€ 517,50
FAI 6 DP	RVT 6A*	0G0000000003	€ 517,50
FAI 5 DP	RVT 9A**	0G0000000004	€ 602,00
FAI 6 DP	RVT 9A**	0G0000000004	€ 602,00

\* For nr 1 ventilator

\*\* For nr 2 ventilator

without regulator

### SENSORS



**QPA 2002**  
CO<sub>2</sub>, VOC air quality sensor

Code	Price
0G0000000013	€ 869,00



**EE80**  
CO<sub>2</sub> Sensor

Code	Price
0G0000000012	€ 305,00



**EE16**  
Humidity Sensor

Code	Price
0G0000000011	€ 305,00

### ACCESSORIES FOR DEICING AND/OR POST-HEATING (for duct mounting)



**RCF-SC\***  
Pre-riscaldatore elettrico

Coupling	Ø (mm)	kW	Code	Price
FAI 1 DP	200	2	0E302012000M	€ 810,00
FAI 2 DP	250	4	0E304022500M	€ 1.020,00
FAI 3 DP	315	6	0E306023150M	€ 1.117,00
FAI 4 DP	355	8	0E308023550M	€ 1.604,00
FAI 4 DP*	355	8	0E308023550T	€ 1.888,00
FAI 5 DP*	450	12	0E312024500T	€ 1.974,00
FAI 6 DP*	450	12	0E312024500T	€ 1.974,00

\* only for EVO PH/EVO D-PH

## OPTIONAL ACCESSORIES

### AIR FILTRATION

(The claimed performances are guaranteed only by UTEK original filter low pressure loss)



**G4**  
Spare filter

Coupling	Dimension (mm)	Filter/unit	Code	Price each
FAI 1 DP	200x230x48	1	OF1200230048	€ 15,00
FAI 2 DP	250x400x48	1	OF1250400048	€ 17,00
FAI 3 DP	430x580x48	1	OF1430580048	€ 23,00
FAI 4 DP	500x625x48	1	OF1500625048	€ 35,00
FAI 5 DP	400x500x48	2 x	OF1400500048	€ 17,00
FAI 6 DP	400x500x48	2 x	OF1400500048	€ 17,00



**F7**  
Spare filter

Coupling	Dimension (mm)	Filter/unit	Code	Price each
FAI 1 DP	200x230x48	1	OF5200230048	€ 47,00
FAI 2 DP	250x400x48	1	OF5250400048	€ 68,00
FAI 3 DP	430x580x48	1	OF5430580048	€ 123,00
FAI 4 DP	500x625x48	1	OF5500625048	€ 154,00
FAI 5 DP	400x500x48	2 x	OF5400500048	€ 101,00
FAI 6 DP	400x500x48	2 x	OF5400500048	€ 101,00



**F9**  
Optional filter

Coupling	Dimension (mm)	Filter/unit	Code	Price each
FAI 1 DP	200x230x48	1	OF7200230048	€ 48,00
FAI 2 DP	250x400x48	1	OF7250400048	€ 69,00
FAI 3 DP	430x580x48	1	OF7430580048	€ 126,00
FAI 4 DP	500x625x48	1	OF7500625048	€ 159,00
FAI 5 DP	400x500x48	2 x	OF7400500048	€ 104,00
FAI 6 DP	400x500x48	2 x	OF7400500048	€ 104,00

### PROTECTIVE ACCESSORIES



**T**  
Weather protective roof  
(horizontal configuration without by-pass)

Coupling	Code	Price
FAI 1 DP	OCZ109007700	€ 75,00
FAI 2 DP	OCZ140009800	€ 89,00
FAI 3 DP	OCZ179012700	€ 112,00
FAI 4 DP	OCZ221515700	€ 142,00
FAI 5 DP	OCZ198016300	€ 158,00
FAI 6 DP	OCZ198016300	€ 158,00



**T**  
Weather protective roof  
(horizontal configuration with by-pass)

Coupling	Code	Price
FAI 1 DP	OCZ109007701	€ 103,00
FAI 2 DP	OCZ140009801	€ 122,00
FAI 3 DP	OCZ179012701	€ 155,00
FAI 4 DP	OCZ221515701	€ 199,00
FAI 5 DP	OCZ198016300	€ 158,00
FAI 6 DP	OCZ198016300	€ 158,00



**T**  
Weather protective roof  
(vertical configuration with/without by-pass)

Coupling	Code	Price
FAI 1 DP	OCZ122006100	€ 73,00
FAI 2 DP	OCZ153006400	€ 80,00
FAI 3 DP	OCZ192009000	€ 100,00
FAI 4 DP	OCZ239511000	€ 124,00
FAI 5 DP	OCZ196012300	€ 139,00
FAI 6 DP	OCZ196012300	€ 139,00



**SKMF-R**  
Weather protection cowl

Coupling	Ø (mm)	Code	Price
FAI 1 DP	200	0IZ000000200	€ 55,00
FAI 2 DP	250	0IZ000000250	€ 61,00
FAI 3 DP	315	0IZ000000315	€ 77,00
FAI 4 DP	355	0IZ000000355	€ 85,00
FAI 5 DP	450	0IZ000000450	€ 118,00
FAI 6 DP	450	0IZ000000450	€ 118,00



**SIPH**  
Siphon

Code	Price
0J1000000000	€ 45,00

### CLEANING AND SANITATION



**AIRCO GEL**

Code	Price
CADSANIFI001	€ 30,00



**AIRCO SPRAY**

Code	Price
CADSANIFI002	€ 27,00




















































**FOAM CLEAN**

Code	Price
CADSANIFI003	€ 30,00

## MICROPROCESSOR CONTROLS

Quick comparison table of functions available

	 EVO PH	 EVO D PH-IP
<div style="display: flex; align-items: center;">  <b>MANAGEMENT OF THE FANS:</b> </div>		
<b>1</b> Manual selection of the fan speed: <ul style="list-style-type: none"> <li>a) OFF + 3 speed levels .....</li> <li>b) OFF + regulation of the fan speed in a range [MIN-MAX] (<i>alternative to 1a</i>) .....</li> </ul>	 	 
<b>2</b> Unbalancing of the air fluxes, supply and extraction airflow: only with EC motor plug fans or double inverter .....		
<b>3</b> Power reduction: limitation of the maximum speed of the fans (not available for units equipped with 3-speed fans) .....		
<b>4</b> Fan speed: <ul style="list-style-type: none"> <li>a) automatic management when coupled with CO<sub>2</sub>, CO<sub>2</sub>/VOC, RH sensor. Steps value on the working scale set by the user in 3 speed or proportional 0..100% .....</li> <li>b) Remote management of the fan speed through 0-10 VDC signal (<i>alternative to 4a</i>) .....</li> </ul>	 	 
<b>5</b> Booster function (fan at maximum speed): <ul style="list-style-type: none"> <li>a) for a fixed range of time set by the user .....</li> <li>b) managed by external contact-with interval time set by software (<i>alternative to 5c, 10, 15</i>) .....</li> <li>c) PIR strategy from a remote proximity switch NC (ex: presence detector) <i>alternative to 5b, 10, 15</i> .....</li> </ul>	  	  
<div style="display: flex; align-items: center;">  <b>MANAGEMENT DEFROST AND / OR POST-AIR TREATMENT:</b> </div>		
<b>6</b> Prevention of the heat exchanger freezing: <ul style="list-style-type: none"> <li>a) unbalancing of the air fluxes (default strategy: exhaust hot air MAX and supply cold air MIN) .....</li> <li>b) electric pre-heating proportional (<i>alternative to 6a e 6c</i>) .....</li> <li>c) a clean contact closure to allow the user to initiate a customized strategy (<i>alternative to 6a, 6b, 9</i>) .....</li> </ul>	  	  
<b>7</b> Control of the supply air temperature setpoint (average ambient temperature - Tr): <ul style="list-style-type: none"> <li>a) electric proportional post-heating .....</li> <li>b) water proportional post-heating .....</li> <li>c) water proportional post-cooling .....</li> </ul>	  	  
<div style="display: flex; align-items: center;">  <b>ALARMS (DIAGNOSTICS)</b> </div>		
<b>8</b> Visualization of the running state of the unit: <ul style="list-style-type: none"> <li>a) simplified (flashing LED) .....</li> <li>b) detailed (digital touch-screen display) .....</li> </ul>	 	 
<b>9</b> Remote segnalation of the state of the unit: closed contact = ventilators ON; open contact = ventilators OFF or unpowered ( <i>alternative to 6c</i> ) .....		
<b>10</b> Monitoring of the filters status by mean of the running life time of the unit (set by software) or through output signal from differential pressure switches across the filters (real measuring) .....		
<b>11</b> Monitoring of the fans status through tachometric signal or differential pressostat ( <i>alternative to 5b, 5c e 15</i> ) .....		
<div style="display: flex; align-items: center;">  <b>DOMOTIC (MODBUS ETHERNET TCP-IP)</b> </div>		
<b>12</b> Publishing of the state and alarm signals on the bus line .....		
<b>13</b> Receiving of all managing instructions from the bus line .....		
<div style="display: flex; align-items: center;">  <b>OTHER FUNCTIONS</b> </div>		
<b>14</b> Management of the motorized by-pass damper .....		
<b>15</b> Switch ON/OFF of the unit from a remote contact ( <i>alternative to 5b e 5c</i> ) .....		
<b>16</b> Weekly cronoprogramming .....		
<b>17</b> Managing up to maximum 4 identical units through a single control panel (Master&Slave) .....		
<b>18</b> Possibility to change the language of the remote control panel (English, Italian, French, German, Spanish, Dutch) .....	