

# HEAT RECOVERY UNIT



## MURECO EVO EC Series (F7/F7) WITHOUT CONTROL

OPTIONAL  
CONTROL



**FEATURES:**

- Heat recovery unit according to Erp 2018.
- High efficiency cross flow exchanger certified by Eurovent.
- Air flow rates between 530 m<sup>3</sup>/h and 4600 m<sup>3</sup>/h.
- Double wall with non-flammable thermo-acoustic inner 25 mm thick.
- Outlets with watertight seal.
- Horizontal configuration.
- All units are supplied with handles for hanging.
- Condensate tray in stainless steel.
- Plug-fans with backward impellers.
- Heat exchanger by-pass with mounted 3-point all-or-nothing servo motor.
- Includes F7/F7 filters
- Filter holders prepared to house one filter in the air intake and two filters in the discharge.
- Includes dirty filter pressure switch.
- It does not include the control or canopy, it must be added as an accessory.
- Minimum working temperature -10°C
- Extraction drive possible on all units
- External safety switch

Code	Model WITHOUT CONTROL	Flow rate max. (m <sup>3</sup> /h)	Power supply	Max. absorbed power <sup>(2)</sup> (kW)	Maximum intensity (A)	Efficiency <sup>(1)</sup>	Sound pressure (LpA) <sup>(3)</sup>
RC10141	MURECO-EVO EC 500 (F7/F7)	530	1/230 V 50-60 Hz	0.31	2.10	82.20%	37
RC10142	MURECO-EVO EC 900 (F7/F7)	900	1/230 V 50-60 Hz	0.45	3.00	82.00%	38
RC10143	MURECO-EVO EC 1600 (F7/F7)	1,550	1/230 V 50-60 Hz	0.88	3.90	82.30%	46
RC10144	MURECO-EVO EC 1800 (F7/F7)	1,800	1/230 V 50-60 Hz	1.02	4.30	82.70%	44
RC10145	MURECO-EVO EC 2600 (F7/F7)	2,600	1/230 V 50-60 Hz	0.92	3.90	83.50%	45
RC10146	MURECO-EVO EC 3500 (F7/F7)	3,400	1/230 V 50-60 Hz	2.00	8.30	83.70%	41
RC10147	MURECO-EVO EC 4600 (F7/F7)	4,600	3/400 V 50-60 Hz	2.60	10.40	84.60%	50

**Notes:**

- <sup>(1)</sup> Wet efficiency referred to nominal flow rate, outdoor (-5°C 80% RH) and indoor (20°C / 50% RH) conditions.
- <sup>(2)</sup> Sum of both fans.
- <sup>(3)</sup> Radiated sound pressure level, in dB(A), measured in free field, at 3 m distance.

**OPTIONAL:**

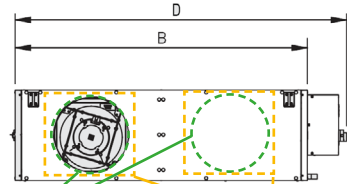
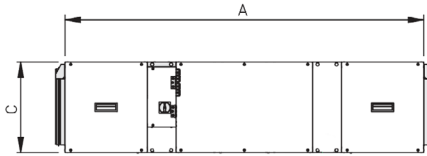


Code	Item
RC11038	<ul style="list-style-type: none"> <li>• Automatic management of the fans by CO<sub>2</sub> concentration (possibility of configuration for manual regulation 0...10 V)</li> <li>• Measuring range 400 ppm to 1,400 ppm (default 800 ppm)</li> <li>• Possibility to manage the fans through an external signal from 0 to 10 V</li> <li>• Automatic all/nothing management of the bypass (3-point actuator) by means of NTC15K temperature probes. Actuator and probes must be included in the flow recuperator.</li> <li>• Indoor air: remote probe connected to the NTC 15K control</li> <li>• Outdoor air remote probe connected to the NTC-15K control</li> <li>• 3-point bypass actuator</li> <li>• Dirty filter display alarm (configurable by differential pressure or by hours of operation)</li> <li>• Possibility of MODBUS communication for integration in centralized systems (BMS)</li> <li>• Time scheduling</li> <li>• Keypad lock function</li> <li>• Different screen display options</li> </ul>

## DIMENSIONS :

Model	A (mm)	B (mm)	C (mm)	D (mm)	Duct connection (mm)	Weight (kg)
MURECO-EVO EC 500	1120	698	289	862	Ø 200	70
MURECO-EVO EC 900	1345	843	376	1007	Ø 315	86
MURECO-EVO EC 1600	1495	1218	376	1382	Ø 315	137
MURECO-EVO EC 1800	1580	1083	453	1247	Ø 355	145
MURECO-EVO EC 2600	1845	1495	453	1670	570x375	200
MURECO-EVO EC 3500	2038	1325	541	1489	470x450	235
MURECO-EVO EC 4600	2207	1993	598	2156	700x440	336

## FRONT VIEW



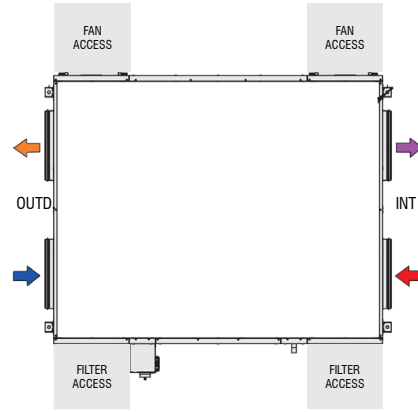
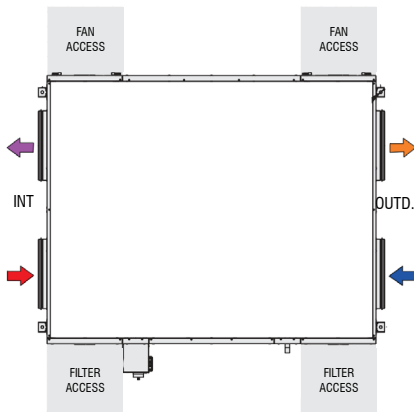
Model 500 to 1800  
CIRCULAR AIR  
INTAKE

Model 2600 to 4600  
RECTANGULAR AIR  
INTAKE

## TOP VIEW

DEFAULT (FACTORY SUPPLY)

CONFIGURATION RESULTING FROM SIMPLE ON-SITE MODIFICATION



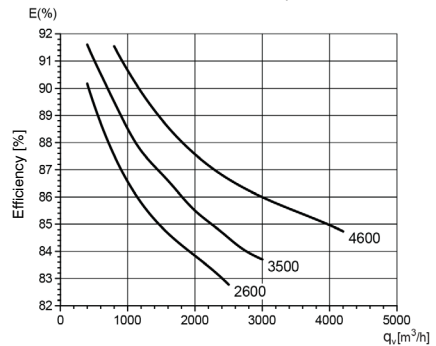
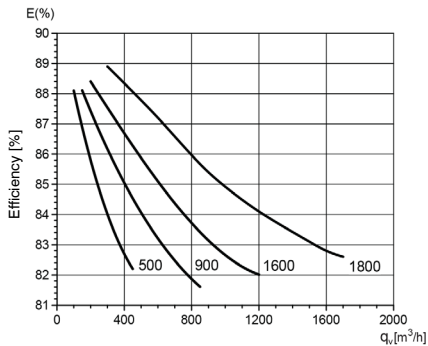
← OUTSIDE AIR EXTRACTION  
← OUTSIDE AIR SUPPLY

→ INDOOR AIR EXTRACTION  
→ INDOOR AIR SUPPLY

## RECOVERY EFFICIENCY AS A FUNCTION OF FLOW RATE:

### Working conditions

Outdoor air: Temperature = -5°, RH = 80%.  
Indoor air: Temperature = 20°C, RH = 50%.



# HEAT RECOVERY UNIT

MUND<sup>CLIMA</sup>

## MURECO EVO EC 500 Series (F7/F7) WITHOUT CONTROL

OPTIONAL  
CONTROL

NEW



ErP  
2018

### FEATURES:

- Heat recovery unit according to Erp 2018.
- High efficiency cross flow exchanger certified by Eurovent.
- Air flow rates of between 530 m<sup>3</sup>/h
- Double wall with non-flammable thermo-acoustic inner 25 mm thick.
- Outlets with watertight seal.
- Horizontal configuration.
- All units are supplied with handles for hanging.
- Condensate tray in stainless steel.
- Plug-fans with backward impellers.
- Heat exchanger by-pass with mounted 3-point all-or-nothing servo motor.
- Includes F7/F7 filters
- Filter holders prepared to house one filter in the air intake and two filters in the discharge.
- Includes dirty filter pressure switch.
- The control is not included, it must be added as an accessory.
- Minimum working temperature -10°C
- Extraction drive possible on all units
- External safety switch

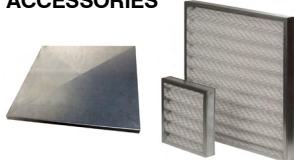
Code	Model WITHOUT CONTROL	Flow rate max. (m <sup>3</sup> /h)	Power supply	Max. absorbed power <sup>(2)</sup> (kW)	Maximum intensity (A)	Efficiency <sup>(1)</sup>
RC10141	MURECO-EVO EC 500 (F7/F7)	530	1/230 V 50-60 Hz	0.31	2.10	82.20%

### Notes:

<sup>(1)</sup> Wet efficiency referred to nominal flow rate, outdoor (-5°C 80% RH) and indoor (20°C / 50% RH) conditions.

<sup>(2)</sup> Sum of both fans.

### ACCESSORIES



F7 Filter	F8 Filter	F9 Filter
RC11100	RC11101	RC11102
Canopy		
RC11062		

### OPTIONAL:

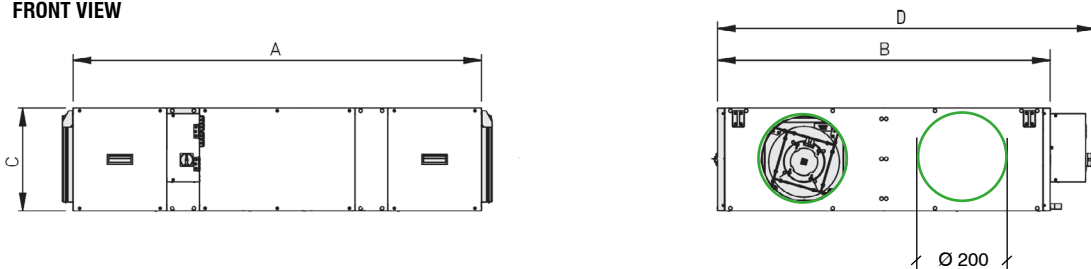


Code	Item
RC10138	<ul style="list-style-type: none"> <li>• Automatic management of the fans by CO<sub>2</sub> concentration (possibility of configuration for manual regulation 0...10 V)</li> <li>• Measuring range 400 ppm to 1,400 ppm (default 800 ppm)</li> <li>• Possibility to manage the fans through an external signal from 0 to 10 V</li> <li>• Automatic all/nothing management of the bypass (3-point actuator) by means of NTC15K temperature probes. Actuator and probes must be included in the flow recuperator.</li> <li>• Indoor air: remote probe connected to the NTC 15K control</li> <li>• Outdoor air remote probe connected to the NTC-15K control</li> <li>• 3-point bypass actuator</li> <li>• Dirty filter display alarm (configurable by differential pressure or by hours of operation)</li> <li>• Possibility of MODBUS communication for integration in centralized systems (BMS)</li> <li>• Time scheduling</li> <li>• Keypad lock function</li> <li>• Different screen display options</li> </ul>

## DIMENSIONS :

Model	A (mm)	B (mm)	C (mm)	D (mm)	Duct connection (mm)	Weight (kg)
MURECO-EVO EC 500	1120	698	289	862	Ø 200	70

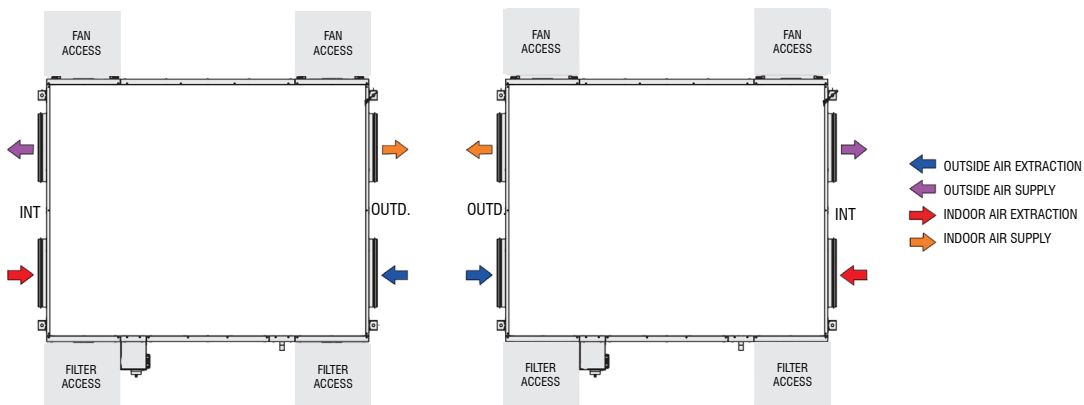
## FRONT VIEW



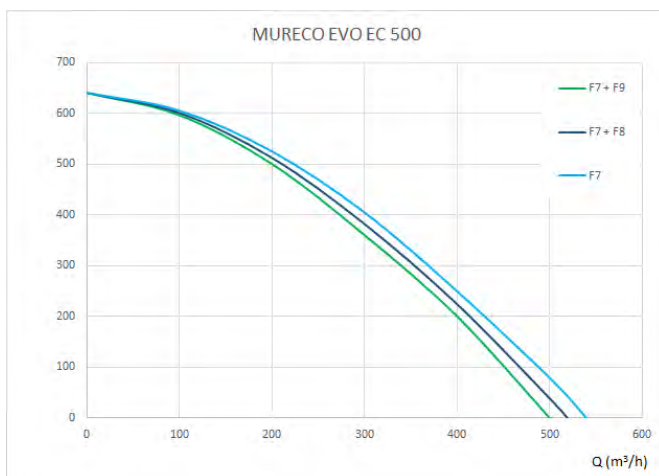
## TOP VIEW

DEFAULT (FACTORY SUPPLY)

CONFIGURATION RESULTING FROM SIMPLE ON-SITE MODIFICATION



## CHARACTERISTICS CURVE:



# HEAT RECOVERY UNIT

MUND<sup>CLIMA</sup>

## MURECO EVO EC 900 Series (F7/F7) WITHOUT CONTROL

OPTIONAL  
CONTROL

NEW



ErP  
2018

### FEATURES:

- Heat recovery unit according to Erp 2018.
- High efficiency cross flow exchanger certified by Eurovent.
- Air flow rates of between 900 m<sup>3</sup>/h
- Double wall with non-flammable thermo-acoustic inner 25 mm thick.
- Outlets with watertight seal.
- Horizontal configuration.
- All units are supplied with handles for hanging.
- Condensate tray in stainless steel.
- Plug-fans with backward impellers.
- Heat exchanger by-pass with mounted 3-point all-or-nothing servo motor.
- Includes F7/F7 filters
- Filter holders prepared to house one filter in the air intake and two filters in the discharge.
- Includes dirty filter pressure switch.
- The control is not included, it must be added as an accessory.
- Minimum working temperature -10°C
- Extraction drive possible on all units
- External safety switch

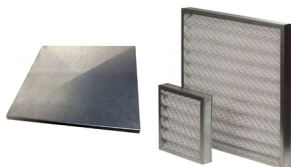
Code	Model WITHOUT CONTROL	Flow rate max. (m <sup>3</sup> /h)	Power supply	Max. absorbed power <sup>(2)</sup> (kW)	Maximum intensity (A)	Efficiency <sup>(1)</sup>
RC10142	MURECO-EVO EC 900 (F7/F7)	900	1/230 V 50-60 Hz	0.45	3.00	82.00%

### Notes:

<sup>(1)</sup> Wet efficiency referred to nominal flow rate, outdoor (-5°C 80% RH) and indoor (20°C / 50% RH) conditions.

<sup>(2)</sup> Sum of both fans.

### ACCESSORIES:



F7 Filter	F8 Filter	F9 Filter
RC11103	RC11104	RC11105
Canopy		
RC11063		

### OPTIONAL:

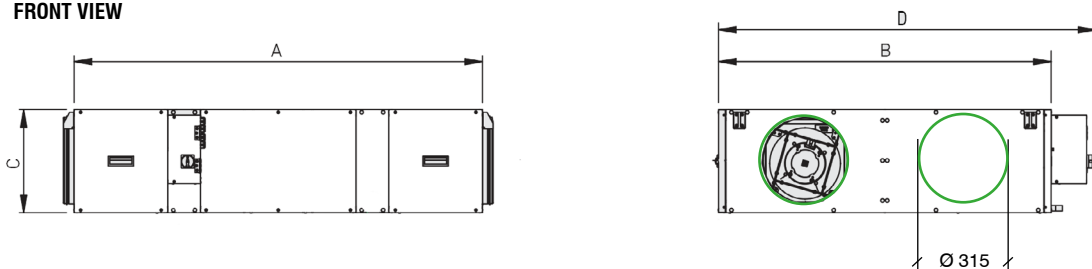


Code	Item
RC11038	<ul style="list-style-type: none"> <li>• Automatic management of the fans by CO<sub>2</sub> concentration (possibility of configuration for manual regulation 0...10 V)</li> <li>• Measuring range 400 ppm to 1,400 ppm (default 800 ppm)</li> <li>• Possibility to manage the fans through an external signal from 0 to 10 V</li> <li>• Automatic all/nothing management of the bypass (3-point actuator) by means of NTC15K temperature probes. Actuator and probes must be included in the flow recuperator.</li> <li>• Indoor air: remote probe connected to the NTC 15K control</li> <li>• Outdoor air remote probe connected to the NTC-15K control</li> <li>• 3-point bypass actuator</li> <li>• Dirty filter display alarm (configurable by differential pressure or by hours of operation)</li> <li>• Possibility of MODBUS communication for integration in centralized systems (BMS)</li> <li>• Time scheduling</li> <li>• Keypad lock function</li> <li>• Different screen display options</li> </ul>
RC11038	REX-EC + CO <sub>2</sub> Control

## DIMENSIONS :

Model	A (mm)	B (mm)	C (mm)	D (mm)	Duct connection (mm)	Weight (kg)
MURECO-EVO EC 900	1345	843	376	1007	Ø 315	86

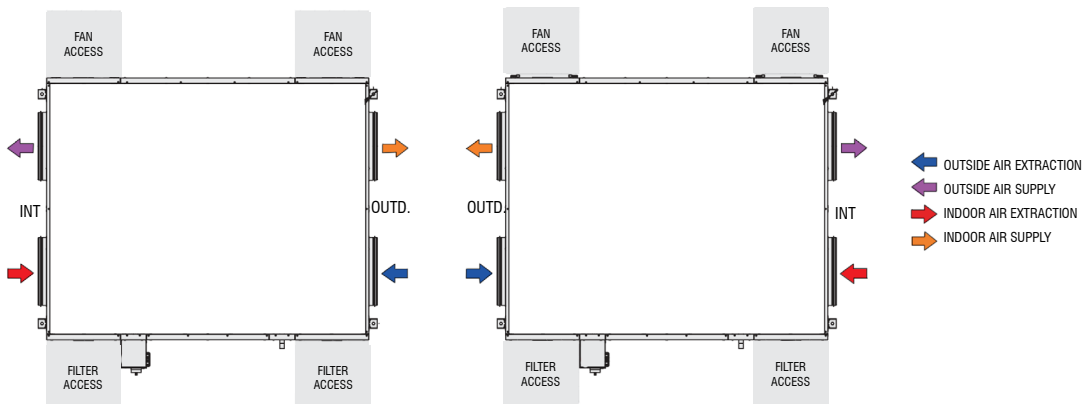
## FRONT VIEW



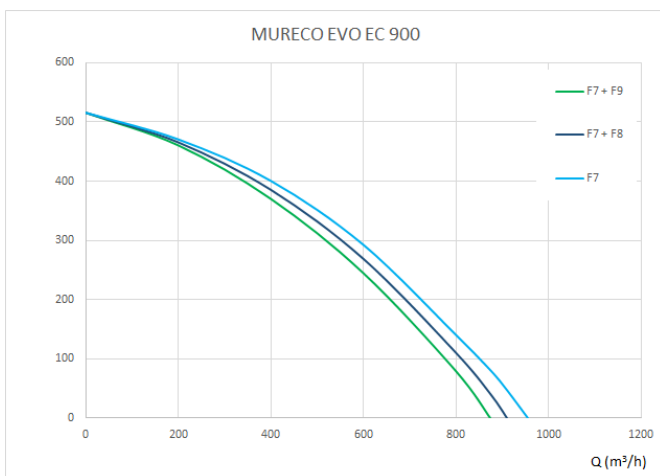
## TOP VIEW

DEFAULT (FACTORY SUPPLY)

CONFIGURATION RESULTING FROM SIMPLE ON-SITE MODIFICATION



## CHARACTERISTICS CURVE:



# HEAT RECOVERY UNIT

MUND<sup>CLIMA</sup>

## MURECO EVO EC 1600 Series (F7/F7)

### WITHOUT CONTROL

OPTIONAL CONTROL

NEW



**FEATURES:**

- Heat recovery unit according to Erp 2018.
- High efficiency cross flow exchanger certified by Eurovent.
- Air flow rates of between 1550 m<sup>3</sup>/h
- Double wall with non-flammable thermo-acoustic inner 25 mm thick.
- Outlets with watertight seal.
- Horizontal configuration.
- All units are supplied with handles for hanging.
- Condensate tray in stainless steel.
- Plug-fans with backward impellers.
- Heat exchanger by-pass with mounted 3-point all-or-nothing servo motor.
- Includes F7/F7 filters
- Filter holders prepared to house one filter in the air intake and two filters in the discharge.
- Includes dirty filter pressure switch.
- The control is not included, it must be added as an accessory.
- Minimum working temperature -10°C
- Extraction drive possible on all units
- External safety switch

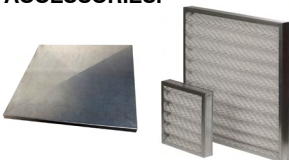
Code	Model WITHOUT CONTROL	Flow rate max. (m <sup>3</sup> /h)	Power supply	Max. absorbed power <sup>(2)</sup> (kW)	Maximum intensity (A)	Efficiency <sup>(1)</sup>
RC10143	MURECO-EVO EC 1600 (F7/F7)	1,550	1/230 V 50-60 Hz	0.88	3.90	82.30%

**Notes:**

<sup>(1)</sup> Wet efficiency referred to nominal flow rate, outdoor (-5°C 80% RH) and indoor (20°C / 50% RH) conditions.

<sup>(2)</sup> Sum of both fans.

**ACCESSORIES:**



F7 Filter	F8 Filter	F9 Filter
RC11106	RC11107	RC11108
Canopy		
RC11064		

**OPTIONAL:**

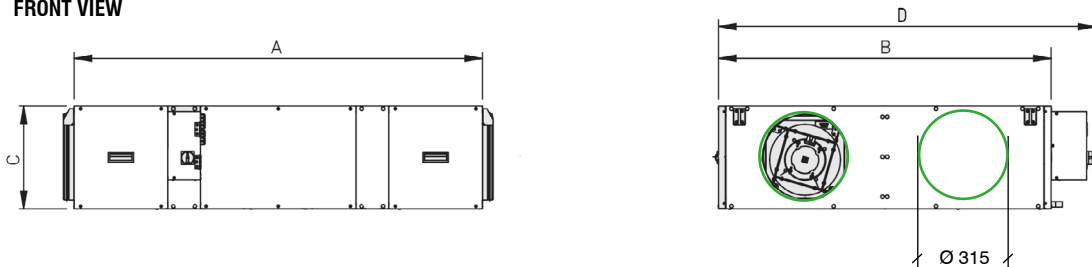


Code	Item
RC11038	<ul style="list-style-type: none"> <li>• Automatic management of the fans by CO<sub>2</sub> concentration (possibility of configuration for manual regulation 0...10 V)</li> <li>• Measuring range 400 ppm to 1,400 ppm (default 800 ppm)</li> <li>• Possibility to manage the fans through an external signal from 0 to 10 V</li> <li>• Automatic all/nothing management of the bypass (3-point actuator) by means of NTC15K temperature probes. Actuator and probes must be included in the flow recuperator.</li> <li>• Indoor air: remote probe connected to the NTC 15K control</li> <li>• Outdoor air remote probe connected to the NTC-15K control</li> <li>• 3-point bypass actuator</li> <li>• Dirty filter display alarm (configurable by differential pressure or by hours of operation)</li> <li>• Possibility of MODBUS communication for integration in centralized systems (BMS)</li> <li>• Time scheduling</li> <li>• Keypad lock function</li> <li>• Different screen display options</li> </ul>

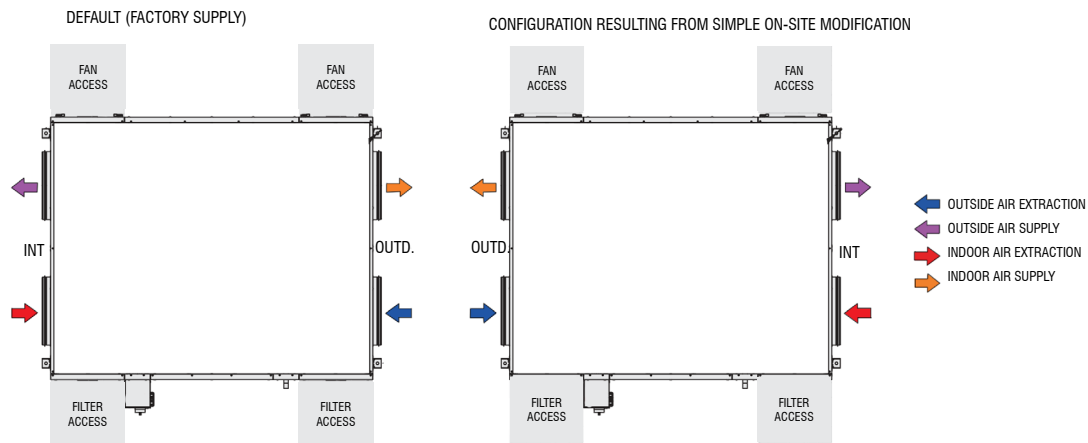
## DIMENSIONS :

Model	A (mm)	B (mm)	C (mm)	D (mm)	Duct connection (mm)	Weight (kg)
MURECO-EVO EC 1600	1495	1218	376	1382	Ø 315	137

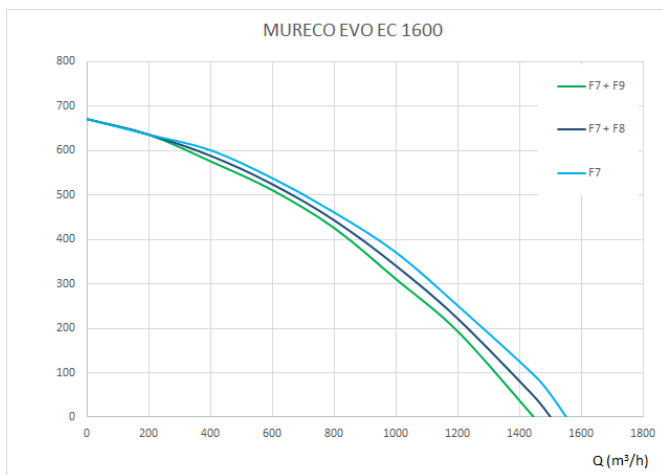
## FRONT VIEW



## TOP VIEW



## CHARACTERISTICS CURVE:





# HEAT RECOVERY UNIT

MUND<sup>CLIMA</sup>

## MURECO EVO EC 1800 Series (F7/F7) WITHOUT CONTROL

OPTIONAL  
CONTROL

NEW

**FEATURES:**

- Heat recovery unit according to Erp 2018.
- High efficiency cross flow exchanger certified by Eurovent.
- Air flow rates of between 1800 m<sup>3</sup>/h
- Double wall with non-flammable thermo-acoustic inner 25 mm thick.
- Outlets with watertight seal.
- Horizontal configuration.
- All units are supplied with handles for hanging.
- Condensate tray in stainless steel.
- Plug-fans with backward impellers.
- Heat exchanger by-pass with mounted 3-point all-or-nothing servo motor.
- Includes F7/F7 filters
- Filter holders prepared to house one filter in the air intake and two filters in the discharge.
- Includes dirty filter pressure switch.
- The control is not included, it must be added as an accessory.
- Minimum working temperature -10°C
- Extraction drive possible on all units
- External safety switch



Code	Model WITHOUT CONTROL	Flow rate max. (m <sup>3</sup> /h)	Power supply	Max. absorbed power <sup>(2)</sup> (kW)	Maximum intensity (A)	Efficiency <sup>(1)</sup>
RC10144	MURECO-EVO EC 1800 (F7/F7)	1,800	1/230 V 50-60 Hz	1.02	4.30	82.70%

**Notes:**

<sup>(1)</sup> Wet efficiency referred to nominal flow rate, outdoor (-5°C 80% RH) and indoor (20°C / 50% RH) conditions.

<sup>(2)</sup> Sum of both fans.

**ACCESSORIES:**



F7 Filter	F8 Filter	F9 Filter
RC11109	RC11110	RC11111
<b>Canopy</b>		
RC11065		

**OPTIONAL:**

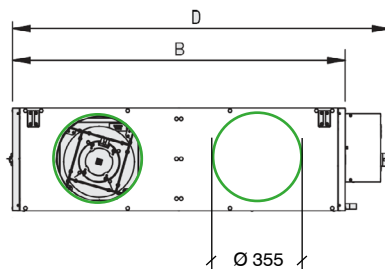
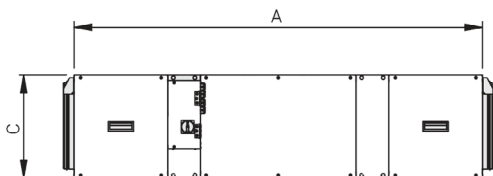


Code	Item
RC11038	<ul style="list-style-type: none"> <li>• Automatic management of the fans by CO<sub>2</sub> concentration (possibility of configuration for manual regulation 0...10 V)</li> <li>• Measuring range 400 ppm to 1,400 ppm (default 800 ppm)</li> <li>• Possibility to manage the fans through an external signal from 0 to 10 V</li> <li>• Automatic all/nothing management of the bypass (3-point actuator) by means of NTC15K temperature probes. Actuator and probes must be included in the flow recuperator.</li> <li>• Indoor air: remote probe connected to the NTC 15K control</li> <li>• Outdoor air remote probe connected to the NTC-15K control</li> <li>• 3-point bypass actuator</li> <li>• Dirty filter display alarm (configurable by differential pressure or by hours of operation)</li> <li>• Possibility of MODBUS communication for integration in centralized systems (BMS)</li> <li>• Time scheduling</li> <li>• Keypad lock function</li> <li>• Different screen display options</li> </ul>
RC11038	REX-EC + CO <sub>2</sub> Control

## DIMENSIONS :

Model	A (mm)	B (mm)	C (mm)	D (mm)	Duct connection (mm)	Weight (kg)
MURECO-EVO EC 1800	1580	1083	453	1247	Ø 355	145

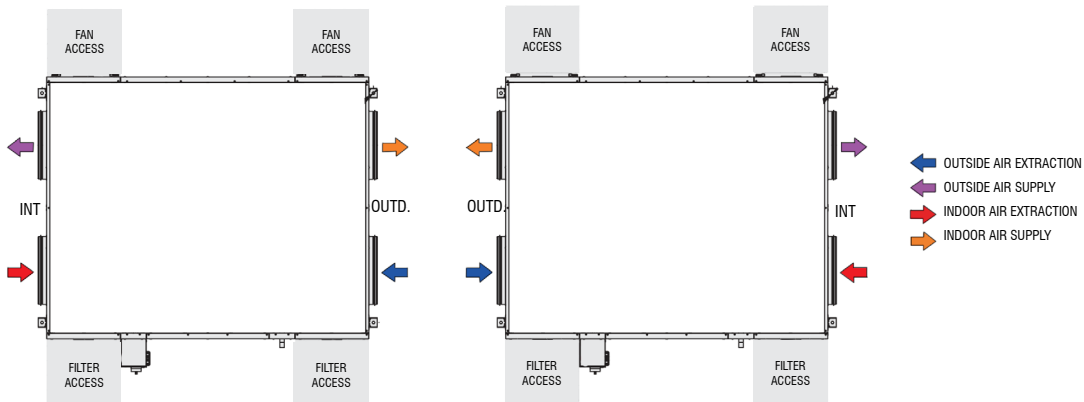
## FRONT VIEW



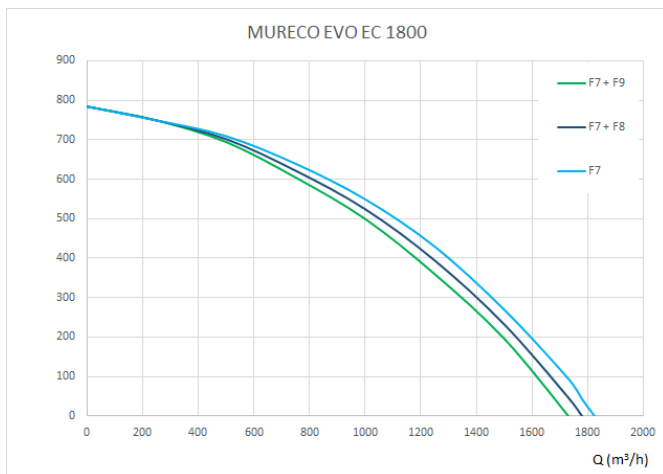
## TOP VIEW

DEFAULT (FACTORY SUPPLY)

CONFIGURATION RESULTING FROM SIMPLE ON-SITE MODIFICATION



## CHARACTERISTICS CURVE:



# HEAT RECOVERY UNIT

MUND<sup>CLIMA</sup>

## MURECO EVO EC 2600 Series (F7/F7)

### WITHOUT CONTROL

OPTIONAL CONTROL

NEW



ErP 2018

**FEATURES:**

- Heat recovery unit according to Erp 2018.
- High efficiency cross flow exchanger certified by Eurovent.
- Air flow rates of between 2600 m<sup>3</sup>/h
- Double wall with non-flammable thermo-acoustic inner 25 mm thick.
- Outlets with watertight seal.
- Horizontal configuration.
- All units are supplied with handles for hanging.
- Condensate tray in stainless steel.
- Plug-fans with backward impellers.
- Heat exchanger by-pass with mounted 3-point all-or-nothing servo motor.
- Includes F7/F7 filters
- Filter holders prepared to house one filter in the air intake and two filters in the discharge.
- Includes dirty filter pressure switch.
- The control is not included, it must be added as an accessory.
- Minimum working temperature -10°C
- Extraction drive possible on all units
- External safety switch

Code	Model WITHOUT CONTROL	Flow rate max. (m <sup>3</sup> /h)	Power supply	Max. absorbed power <sup>(2)</sup> (kW)	Maximum intensity (A)	Efficiency <sup>(1)</sup>
RC10145	MURECO-EVO EC 2600 (F7/F7)	2,600	1/230 V 50-60 Hz	0.92	3.90	83.50%

**Notes:**

<sup>(1)</sup> Wet efficiency referred to nominal flow rate, outdoor (-5°C 80% RH) and indoor (20°C / 50% RH) conditions.

<sup>(2)</sup> Sum of both fans.

**ACCESSORIES:**



F7 Filter	F8 Filter	F9 Filter
RC11112	RC11113	RC11114
Canopy		
RC11066		

**OPTIONAL:**

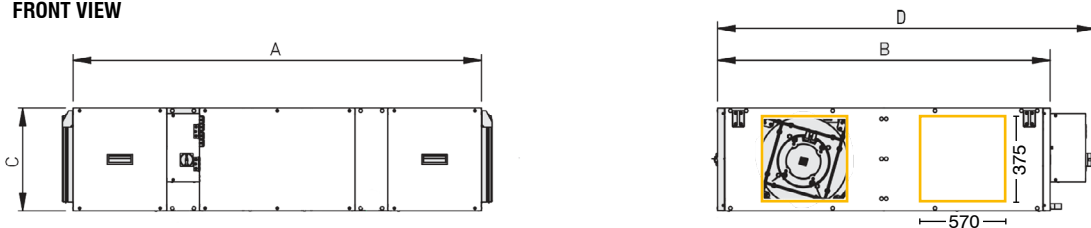


Code	Item
RC11038	<ul style="list-style-type: none"> <li>• Automatic management of the fans by CO<sub>2</sub> concentration (possibility of configuration for manual regulation 0...10 V)</li> <li>• Measuring range 400 ppm to 1,400 ppm (default 800 ppm)</li> <li>• Possibility to manage the fans through an external signal from 0 to 10 V</li> <li>• Automatic all/nothing management of the bypass (3-point actuator) by means of NTC15K temperature probes. Actuator and probes must be included in the flow recuperator.</li> <li>• Indoor air: remote probe connected to the NTC 15K control</li> <li>• Outdoor air remote probe connected to the NTC-15K control</li> <li>• 3-point bypass actuator</li> <li>• Dirty filter display alarm (configurable by differential pressure or by hours of operation)</li> <li>• Possibility of MODBUS communication for integration in centralized systems (BMS)</li> <li>• Time scheduling</li> <li>• Keypad lock function</li> <li>• Different screen display options</li> </ul>

## DIMENSIONS :

Model	A (mm)	B (mm)	C (mm)	D (mm)	Duct connection (mm)	Weight (kg)
MURECO-EVO EC 2600	1845	1495	453	1670	570x375	200

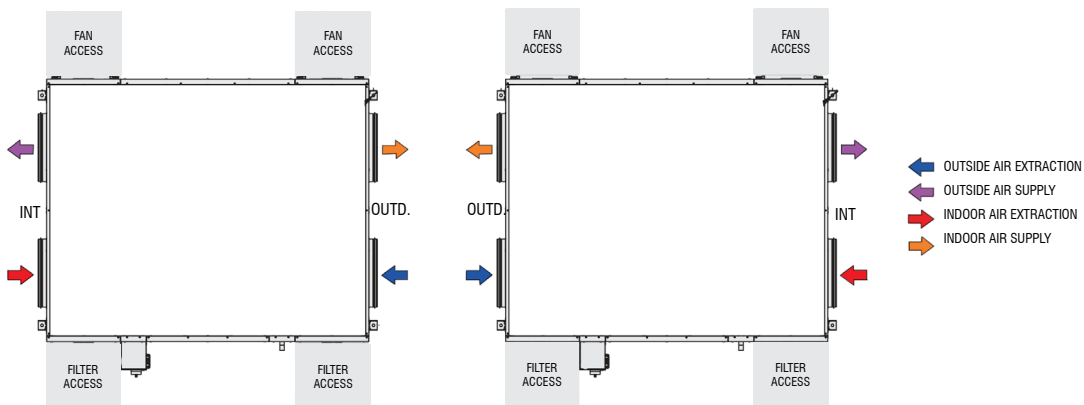
## FRONT VIEW



## TOP VIEW

DEFAULT (FACTORY SUPPLY)

CONFIGURATION RESULTING FROM SIMPLE ON-SITE MODIFICATION



## CHARACTERISTICS CURVE:



# HEAT RECOVERY UNIT

MUND<sup>CLIMA</sup>

## MURECO EVO EC 3500 Series (F7/F7)

### WITHOUT CONTROL

OPTIONAL CONTROL

NEW

**FEATURES:**

- Heat recovery unit according to Erp 2018.
- High efficiency cross flow exchanger certified by Eurovent.
- Air flow rates of between 3400 m<sup>3</sup>/h
- Double wall with non-flammable thermo-acoustic inner 25 mm thick.
- Outlets with watertight seal.
- Horizontal configuration.
- All units are supplied with handles for hanging.
- Condensate tray in stainless steel.
- Plug-fans with backward impellers.
- Heat exchanger by-pass with mounted 3-point all-or-nothing servo motor.
- Includes F7/F7 filters
- Filter holders prepared to house one filter in the air intake and two filters in the discharge.
- Includes dirty filter pressure switch.
- The control is not included, it must be added as an accessory.
- Minimum working temperature -10°C
- Extraction drive possible on all units
- External safety switch



Code	Model WITHOUT CONTROL	Flow rate max. (m <sup>3</sup> /h)	Power supply	Max. absorbed power <sup>(2)</sup> (kW)	Maximum intensity (A)	Efficiency <sup>(1)</sup>
RC10146	MURECO-EVO EC 3500 (F7/F7)	3,400	1/230 V 50-60 Hz	2.00	8.30	83.70%

**Notes:**

<sup>(1)</sup> Wet efficiency referred to nominal flow rate, outdoor (-5°C 80% RH) and indoor (20°C / 50% RH) conditions.

<sup>(2)</sup> Sum of both fans.

**ACCESSORIES:**



F7 Filter	F8 Filter	F9 Filter
RC11115	RC11116	RC11117
Canopy		
RC11067		

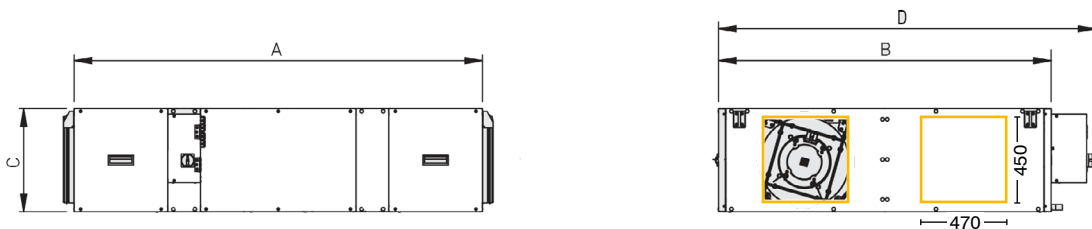
**OPTIONAL:**



Code	Item
RC11038	<ul style="list-style-type: none"> <li>• Automatic management of the fans by CO<sub>2</sub> concentration (possibility of configuration for manual regulation 0...10 V)</li> <li>• Measuring range 400 ppm to 1,400 ppm (default 800 ppm)</li> <li>• Possibility to manage the fans through an external signal from 0 to 10 V</li> <li>• Automatic all/nothing management of the bypass (3-point actuator) by means of NTC15K temperature probes. Actuator and probes must be included in the flow recuperator.</li> <li>• Indoor air: remote probe connected to the NTC 15K control</li> <li>• Outdoor air remote probe connected to the NTC-15K control</li> <li>• 3-point bypass actuator</li> <li>• Dirty filter display alarm (configurable by differential pressure or by hours of operation)</li> <li>• Possibility of MODBUS communication for integration in centralized systems (BMS)</li> <li>• Time scheduling</li> <li>• Keypad lock function</li> <li>• Different screen display options</li> </ul>

## DIMENSIONS :

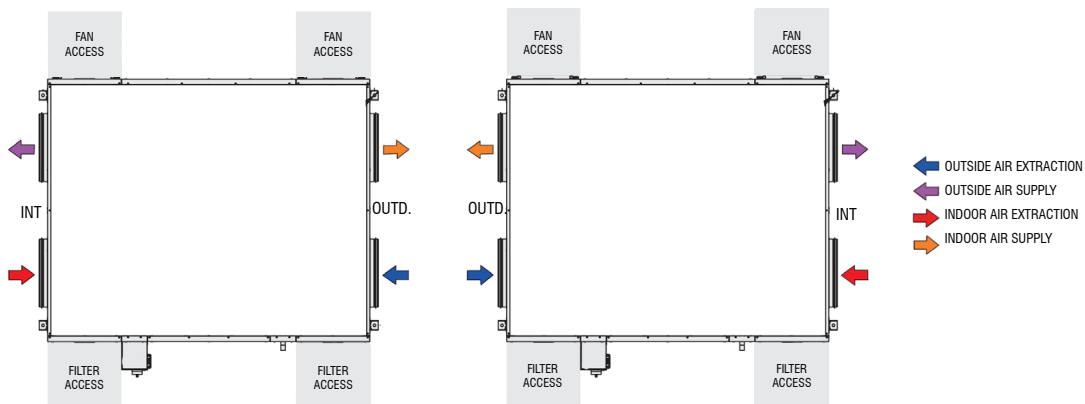
Model	A (mm)	B (mm)	C (mm)	D (mm)	Duct connection (mm)	Weight (kg)
MURECO-EVO EC 3500	2038	1325	541	1489	470x450	235



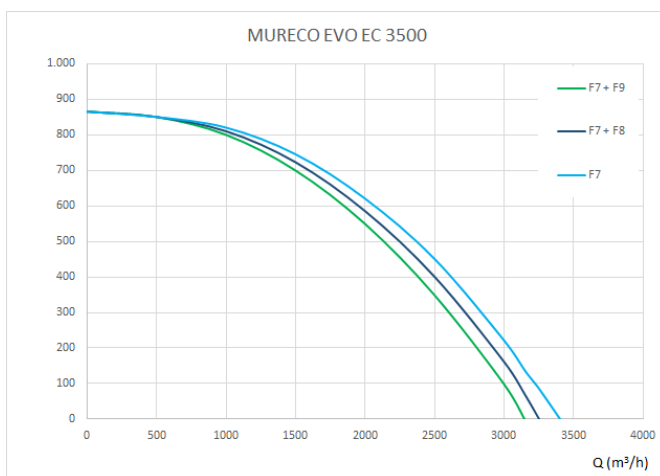
## TOP VIEW

DEFAULT (FACTORY SUPPLY)

CONFIGURATION RESULTING FROM SIMPLE ON-SITE MODIFICATION



## CHARACTERISTICS CURVE:



# HEAT RECOVERY UNIT

MUND<sup>CLIMA</sup>

## MURECO EVO EC 4600 Series (F7/F7) WITHOUT CONTROL

OPTIONAL  
CONTROL



ErP  
2018

### FEATURES:

- Heat recovery unit according to Erp 2018.
- High efficiency cross flow exchanger certified by Eurovent.
- Air flow rates of between 4600 m<sup>3</sup>/h
- Double wall with non-flammable thermo-acoustic inner 25 mm thick.
- Outlets with watertight seal.
- Horizontal configuration.
- All units are supplied with handles for hanging.
- Condensate tray in stainless steel.
- Plug-fans with backward impellers.
- Heat exchanger by-pass with mounted 3-point all-or-nothing servo motor.
- Includes F7/F7 filters
- Filter holders prepared to house one filter in the air intake and two filters in the discharge.
- Includes dirty filter pressure switch.
- The control is not included, it must be added as an accessory.
- Minimum working temperature -10°C
- Extraction drive possible on all units
- External safety switch

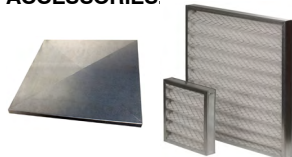
Code	Model WITHOUT CONTROL	Flow rate max. (m <sup>3</sup> /h)	Power supply	Max. absorbed power <sup>(2)</sup> (kW)	Maximum intensity (A)	Efficiency <sup>(1)</sup>
RC10147	MURECO-EVO EC 4600 (F7/F7)	4,600	3/400 V 50-60 Hz	2.60	10.40	84.60%

### Notes:

<sup>(1)</sup> Wet efficiency referred to nominal flow rate, outdoor (-5°C 80% RH) and indoor (20°C / 50% RH) conditions.

<sup>(2)</sup> Sum of both fans.

### ACCESSORIES:



F7 Filter	F8 Filter	F9 Filter
RC11118	RC11119	RC11120
Canopy		
RC11068		

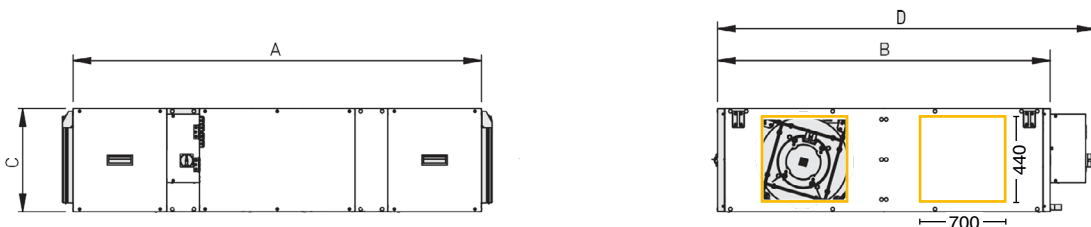
### OPTIONAL:



Code	Item
RC11038	<ul style="list-style-type: none"> <li>• Automatic management of the fans by CO<sub>2</sub> concentration (possibility of configuration for manual regulation 0...10 V)</li> <li>• Measuring range 400 ppm to 1,400 ppm (default 800 ppm)</li> <li>• Possibility to manage the fans through an external signal from 0 to 10 V</li> <li>• Automatic all/nothing management of the bypass (3-point actuator) by means of NTC15K temperature probes. Actuator and probes must be included in the flow recuperator.</li> <li>• Indoor air: remote probe connected to the NTC 15K control</li> <li>• Outdoor air remote probe connected to the NTC-15K control</li> <li>• 3-point bypass actuator</li> <li>• Dirty filter display alarm (configurable by differential pressure or by hours of operation)</li> <li>• Possibility of MODBUS communication for integration in centralized systems (BMS)</li> <li>• Time scheduling</li> <li>• Keypad lock function</li> <li>• Different screen display options</li> </ul>
RC11038	REX-EC + CO <sub>2</sub> Control

## DIMENSIONS :

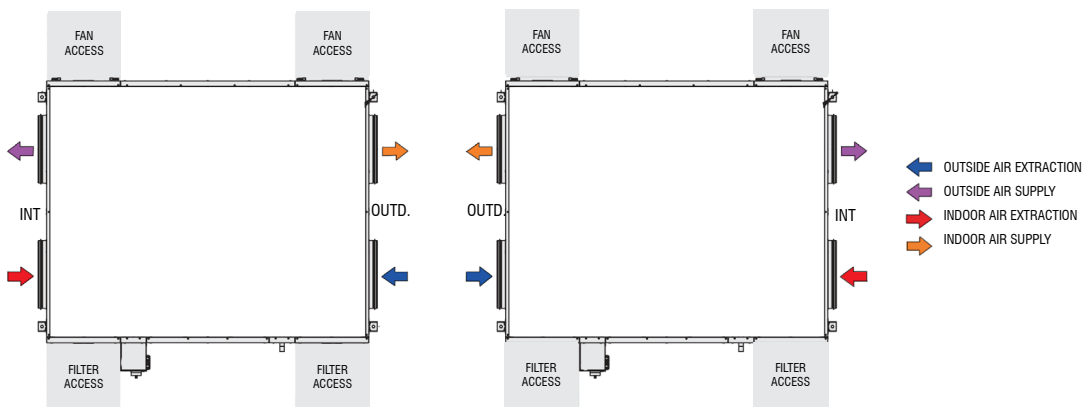
Model	A (mm)	B (mm)	C (mm)	D (mm)	Duct connection (mm)	Weight (kg)
MURECO-EVO EC 4600	2207	1993	598	2156	700x440	336



## TOP VIEW

DEFAULT (FACTORY SUPPLY)

CONFIGURATION RESULTING FROM SIMPLE ON-SITE MODIFICATION



## CHARACTERISTICS CURVE:

