

# BLAUAIR



**CATALOGUE 2025**

 **BLAUAIR**





# CONTENTS

# BLAUAIR CFH

## FLOOR MOUNTED HEAT RECOVERY UNITS



## FEATURES

High-efficient EC fans, back ward-curved, external rotor. Integrated plug-and-play controls.

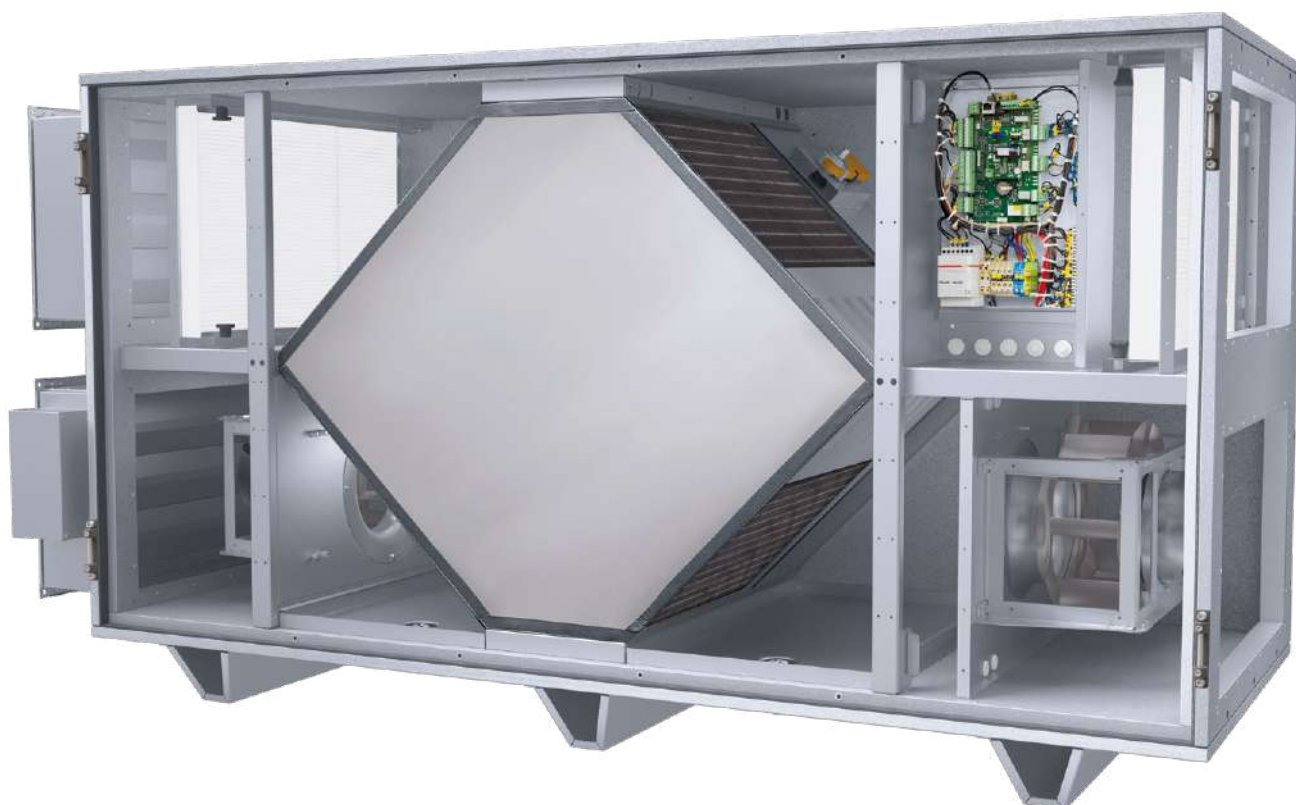
Automatic bypass. ECO-Design'18 compliant. Polystyrene plate heat exchanger. Panel filters ePM1 70% (ISO 16890)-F7 (EN779). Hinged service doors.

Optional outdoor installation with outdoor mounting kit.

Web interface, MODBUS, outputs for optional DX or Hydronic cooling / heating.

Complete set of accessories: silencers, economizers, VAV, CAV, etc.

Operation by RH/CO<sub>2</sub>/temperature/constant pressure/timer schedule.



## Casing

- Double skin
- Frameless
- 40 mm mineral wool 90 kg/m<sup>3</sup> for CFH 800-6000 and with frame 50 mm for CFH 9000
- Outer skin: zinc-aluminum
- Inner skin: zinc-aluminum
- EN1886 class: D1, T3, TB4

## Heat exchanger

High-efficient counterflow heat exchanger made of profiled plastic plates, packed with elastic heat-resistant sealant. Stainless steel drain pan on both supply and exhaust sides.

## Bypass and dampers

Automatic bypass damper with a **Belimo actuator** provides active frost protection, free-heating and free-cooling functions. Optionally integrated automatic external dampers with Belimo drives.

**BELIMO**<sup>®</sup>

## Filters

Panel filters ePM1 70% (ISO 16890)-F7 (EN779) on both supply and exhaust.



## Technical data

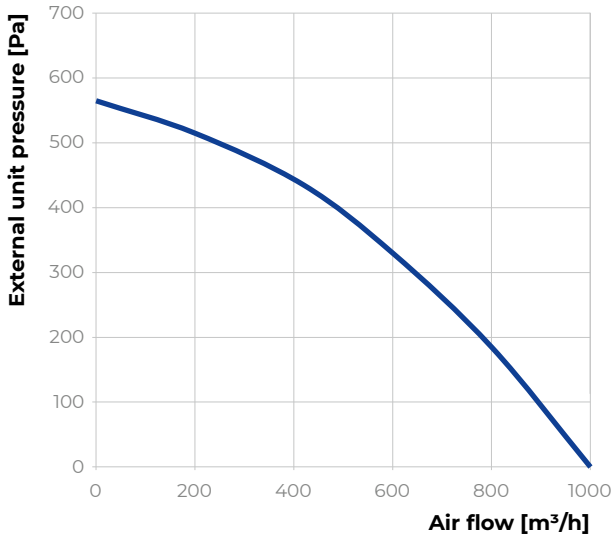
	CFH 800	CFH 1200	CFH 1500	CFH 2500
Phase/voltage [50–60 Hz/VAC]	1~200/240			
Power/current [kW/A]	2×0.168/1.4	2×0.53/4.8	2×0.53/4.8	2×0.7/6.2
Fan speed [min <sup>-1</sup> ]	2200	2470	2430	2100
Permanent ambient temperature [°C]	-35...+50			
Motor protection	IP54			
Insulation class (motor)	F			
Filter class exhaust/supply standard (optional)	ePM1 70%/ePM1 70% (ISO 16890)-F7 (EN779)			
Weight (net, without packing) [kg]	511	511	650	650
Housing protection class	IP34			
Sound pressure level at 3 m to environment [dBA]	29	26	26	33
Transported air temperature [°C]	-25...+40			

	CFH 3500	CFH 5000
Phase/voltage [50–60 Hz/VAC]	3~380/480	
Power/current [kW/A]	2×1.1/3.52	2×1.32/4.2
Fan speed [min <sup>-1</sup> ]	1800	1300
Permanent ambient temperature [°C]	-35...+50	
Motor protection	IP54	
Insulation class (motor)	F	
Filter class exhaust/supply standard (optional)	ePM1 70%/ePM1 70% (ISO 16890)-F7 (EN779)	
Weight (net, without packing) [kg]	926	1385
Housing protection class	IP34	
Sound pressure level at 3 m to environment [dBA]	35	26
Transported air temperature [°C]	-25...+40	

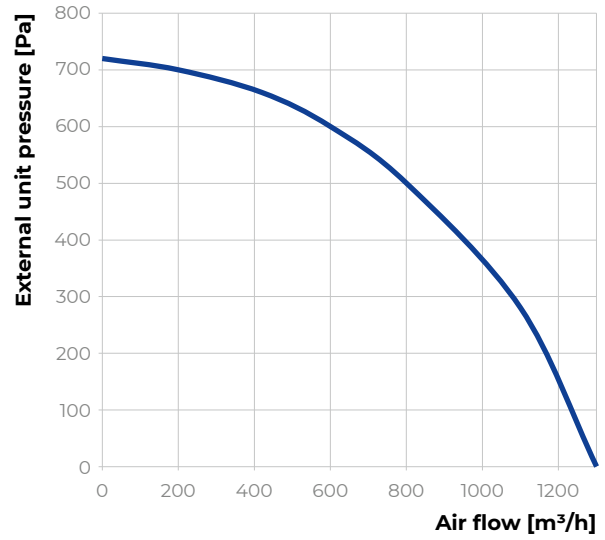
	CFH 6000	CFH 9000
Phase/voltage [50–60 Hz/VAC]	3~380/480	
Power/current [kW/A]	2×2.55/7.8	2×2.55/7.8
Fan speed [min <sup>-1</sup> ]	1500	1700
Permanent ambient temperature [°C]	-35...+50	
Motor protection	IP54	
Insulation class (motor)	F	
Filter class exhaust/supply standard (optional)	ePM1 70%/ePM1 70% (ISO 16890)-F7 (EN779)	
Weight (net, without packing) [kg]	1385	3086
Housing protection class	IP34	
Sound pressure level at 3 m to environment [dBA]	28	47
Transported air temperature [°C]	-25...+40	



**CFH 800**



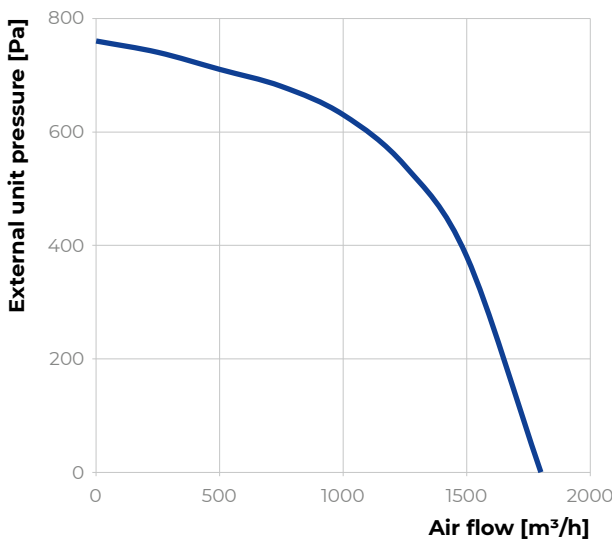
**CFH 1200**



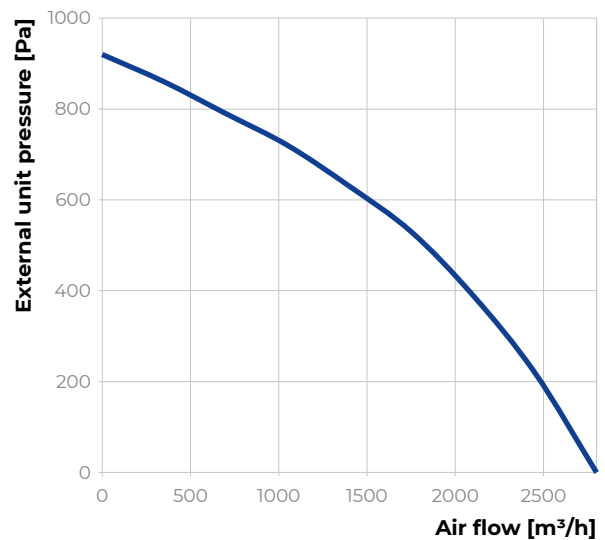
Additional pressure	CFH 800
Water heater [Pa]	55
Water cooler [Pa]	68
Electric heater [Pa]	30
DX cooler [Pa]	68

Additional pressure	CFH 1200
Water heater [Pa]	55
Water cooler [Pa]	139
Electric heater [Pa]	30
DX cooler [Pa]	139

**CFH 1500**



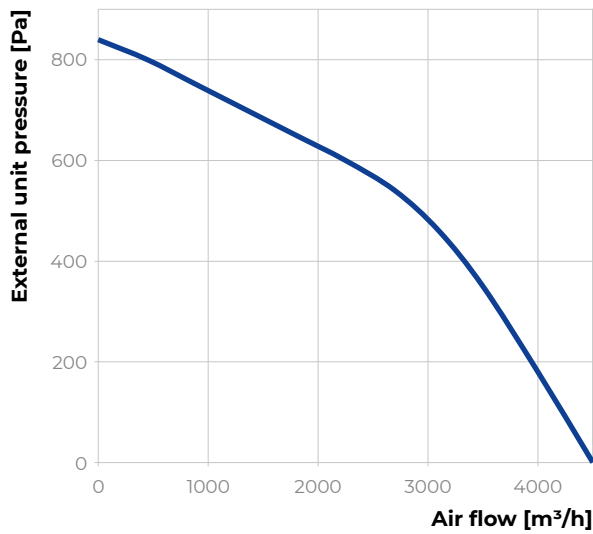
**CFH 2500**



Additional pressure	CFH 1500
Water heater [Pa]	55
Water cooler [Pa]	82
Electric heater [Pa]	30
DX cooler [Pa]	82

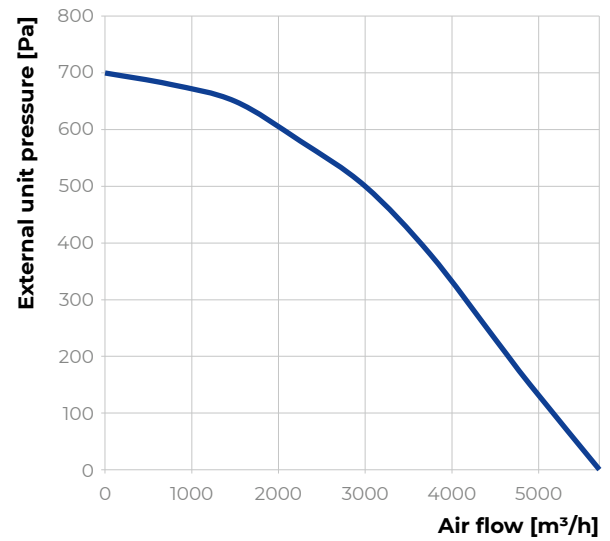
Additional pressure	CFH 2500
Water heater [Pa]	60
Water cooler [Pa]	190
Electric heater [Pa]	30
DX cooler [Pa]	190

### CFH 3500



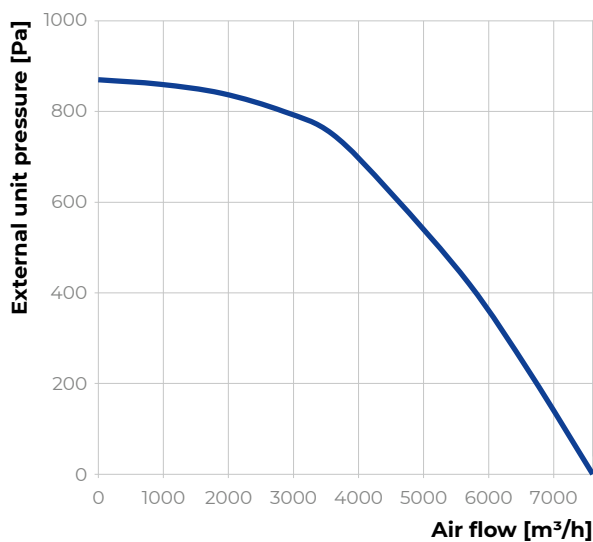
Additional pressure	CFH 3500
Water heater [Pa]	55
Water cooler [Pa]	223
Electric heater [Pa]	30
DX cooler [Pa]	223

### CFH 5000



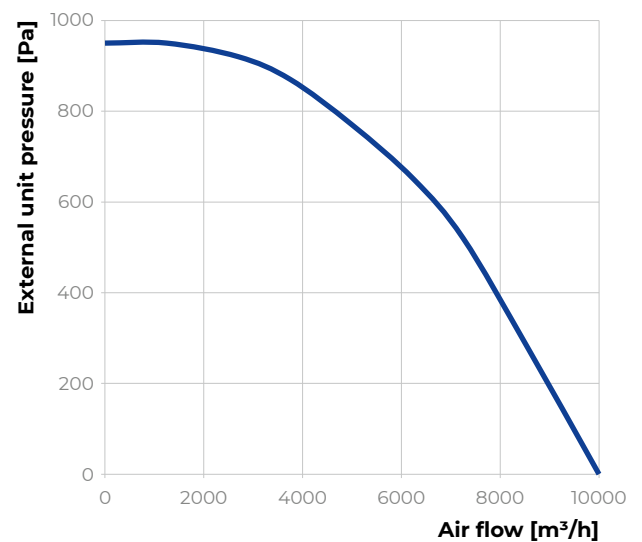
Additional pressure	CFH 5000
Water heater [Pa]	50
Water cooler [Pa]	128
Electric heater [Pa]	30
DX cooler [Pa]	128

### CFH 6000



Additional pressure	CFH 6000
Water heater [Pa]	60
Water cooler [Pa]	207
Electric heater [Pa]	30
DX cooler [Pa]	207

### CFH 9000



Additional pressure	CFH 9000
Water heater [Pa]	60
Water cooler [Pa]	176
Electric heater [Pa]	30
DX cooler [Pa]	176

# BLAUAIR CFP

## CEILING MOUNTED HEAT RECOVERY UNITS



## FEATURES

High-efficient EC fans, backward-curved, external rotor. Integrated plug-and-play controls.

Automatic bypass. ECO-Design'18 compliant. Polystyrene plate heat exchanger. Panel filters ePM1 70% (ISO 16890)-F7 (EN779). Removable service doors.

Web interface, MODBUS, outputs for optional electric/water heater or water/freon cooler..

Complete set of accessories: silencers, economizers, VAV, CAV, etc.

Operation by RH/CO<sub>2</sub>/temperature/constant pressure/timer schedule.



## Casing

- Double skin
- Frameless
- 40 mm mineral wool 90 kg/m<sup>3</sup> for CFP 500-3500 and with frame 50 mm for CFP 5000-6000
- Outer skin: zinc-aluminum
- Inner skin: zinc-aluminum
- EN1886 class: D1, T3, TB4

## Heat exchanger

High-efficient counterflow heat exchanger made of profiled polystyrene plates, packed with elastic heat-resistant sealant. Stainless steel drain pan on both supply and exhaust sides.

## Bypass and dampers

Automatic bypass damper with a **Belimo actuator** provides active frost protection, free-heating and free-cooling functions. Optionally integrated automatic external dampers with Belimo drives.

**BELIMO**<sup>®</sup>

## Filters

Panel filters ePM1 70% (ISO 16890)-F7 (EN779) on both supply and exhaust.

## Technical data

	CFP 500	CFP 700	CFP 1200
Phase/voltage [50–60 Hz/VAC]	1~200/240		
Power/current [kW/A]	2×0.17/2.6	2×0.17/2.6	2×0.53/4.8
Fan speed [min <sup>-1</sup> ]	3400	4120	2470
Permanent ambient temperature [°C]	-35...+50		
Motor protection	IP54		
Insulation class (motor)	F		
Filter class exhaust/supply standard (optional)	ePM1 70%/ePM1 70% (ISO 16890)-F7 (EN779)		
Weight (net, without packing) [kg]	82	85	120
Sound pressure level at 3 m to environment [dBA]	26	30	26
Transported air temperature [°C]	-25...+40		

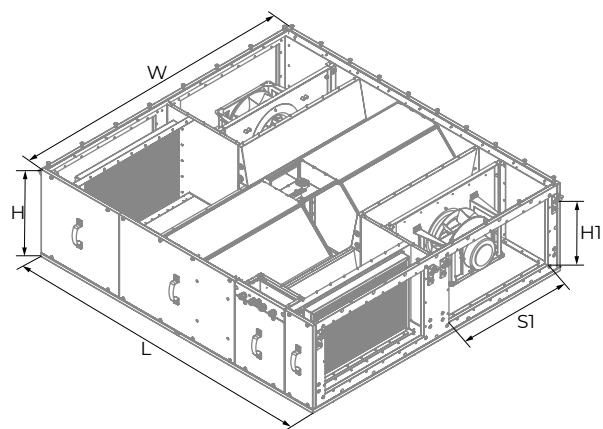
	CFP 1500	CFP 2500
Phase/voltage [50–60 Hz/VAC]	1~200/240	
Power/current [kW/A]	2×0.53/4.8	2×0.7/6.2
Fan speed [min <sup>-1</sup> ]	2430	2100
Permanent ambient temperature [°C]	-35...+50	
Motor protection	IP54	
Insulation class (motor)	F	
Filter class exhaust/supply standard (optional)	ePM1 70%/ePM1 70% (ISO 16890)-F7 (EN779)	
Weight (net, without packing) [kg]	270	290
Sound pressure level at 3 m to environment [dBA]	26	33
Transported air temperature [°C]	-25...+40	

	CFP 3500	CFP 5000	CFP 6000
Phase/voltage [50–60 Hz/VAC]	3~380/480		
Power/current [kW/A]	2×1.1/3.52	2×1.32/4.2	2×2.55/7.8
Fan speed [min <sup>-1</sup> ]	1800	1300	1500
Permanent ambient temperature [°C]	-35...+50		
Motor protection	IP54		
Insulation class (motor)	F		
Filter class exhaust/supply standard (optional)	ePM1 70%/ePM1 70% (ISO 16890)-F7 (EN779)		
Weight (net, without packing) [kg]	320	685	685
Sound pressure level at 3 m to environment [dBA]	35	26	28
Transported air temperature [°C]	-25...+40		



## Dimensions [mm]

	L	W	H	H1	S1
<b>CFP 500</b>	1500	1100	295	250	–
<b>CFP 700</b>	1500	1100	295	250	–
<b>CFP 1200</b>	1800	1440	380	300	500
<b>CFP 1500</b>	1646	1500	480	350	600
<b>CFP 2500</b>	1646	1500	480	350	600
<b>CFP 3500</b>	1880	1500	630	350	600
<b>CFP 5000</b>	2900	1900	1000	500	800
<b>CFP 6000</b>	2900	1900	1000	500	800



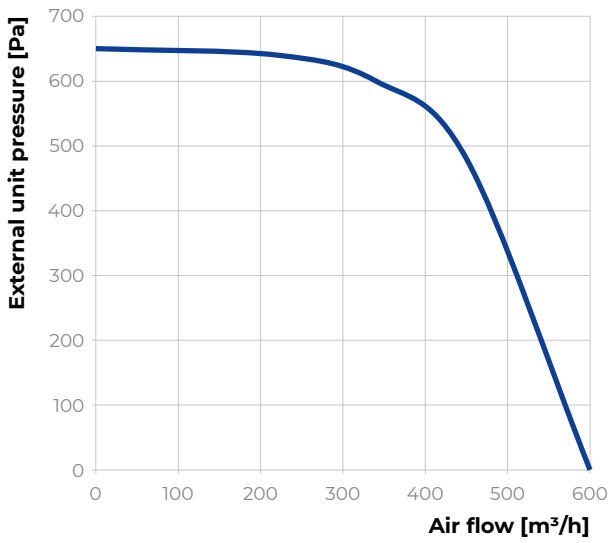
## Connectors and adapters dimensions [mm]

	Flexible connection	Damper	Adapter
<b>CFP 500 / CFP 700</b>	Ø 250	Ø 250	Ø 250 / 500×250
<b>CFP 1200</b>	Ø 315	Ø 315	Ø 315 / 500×300
<b>CFP 1500 / CFP 2500</b>	600×350	600×350	600×350 / Ø 315
<b>CFP 3500</b>	600×350	600×350	600×350 / Ø 315
<b>CFP 5000 / CFP 6000</b>	800×500	800×500	–

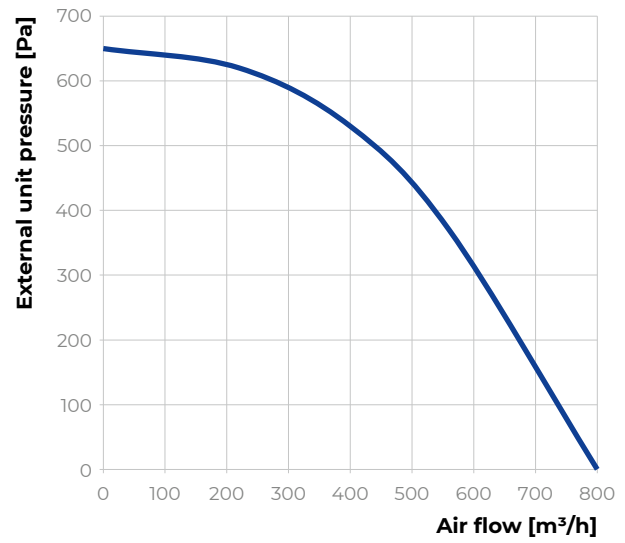
## Additional coil sections dimensions (L [mm])

		CFP 500	CFP 700	CFP 1200	CFP 1500	CFP 2500	CFP 3500	CFP 5000	CFP 6000
<b>Water heater HW-2</b>		350	350	200	360	360	360	350	350
<b>Water cooler CW-3</b>		425	425	425	505	505	505	505	505
<b>Electric heater HE</b>		306	306	200	220	220	220	505	505
<b>DX cooler CDX-3</b>		425	425	425	505	505	505	505	505

### CFP 500



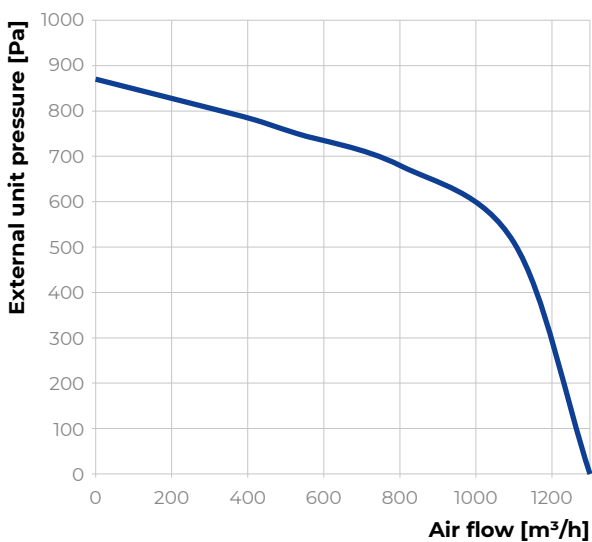
### CFP 700



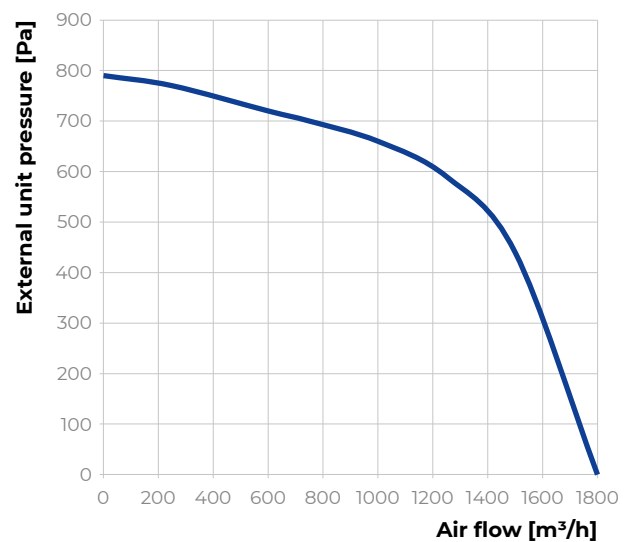
Additional pressure	CFP 500
Water heater [Pa]	55
Water cooler [Pa]	31
Electric heater [Pa]	30
DX cooler [Pa]	31

Additional pressure	CFP 700
Water heater [Pa]	55
Water cooler [Pa]	48
Electric heater [Pa]	30
DX cooler [Pa]	48

### CFP 1200



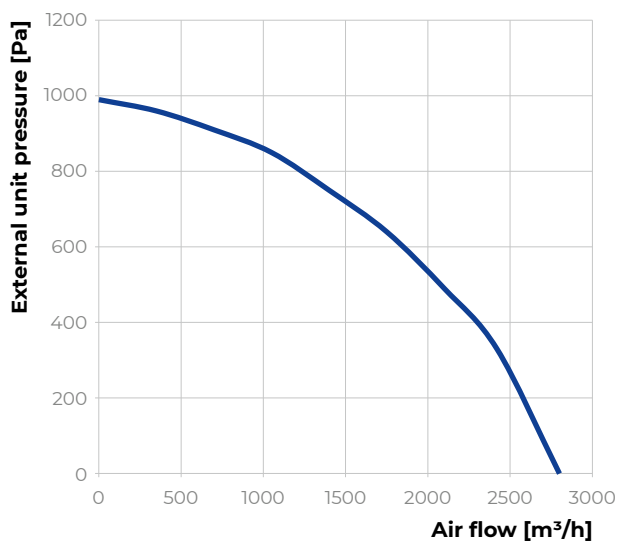
### CFP 1500



Additional pressure	CFP 1200
Water heater [Pa]	55
Water cooler [Pa]	100
Electric heater [Pa]	30
DX cooler [Pa]	100

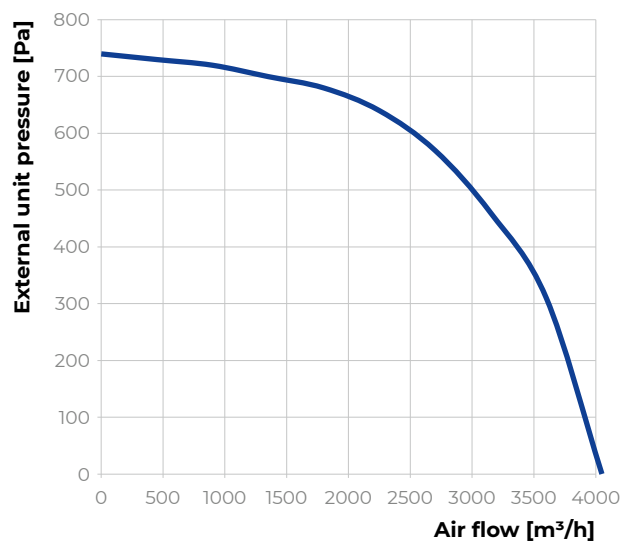
Additional pressure	CFP 1500
Water heater [Pa]	55
Water cooler [Pa]	82
Electric heater [Pa]	30
DX cooler [Pa]	82

## CFP 2500



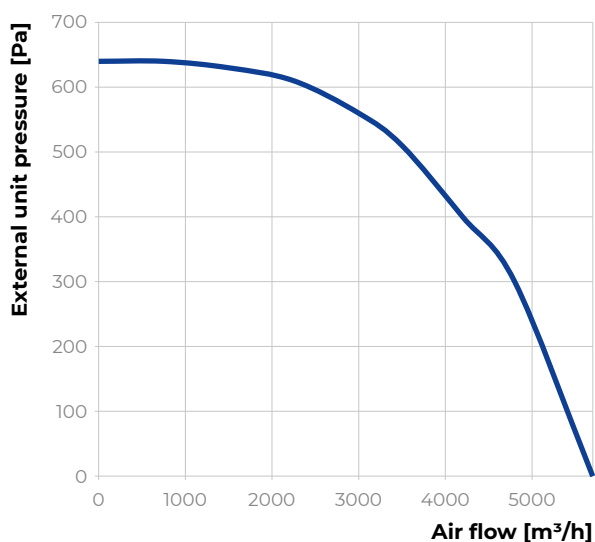
Additional pressure	CFP 2500
Water heater [Pa]	60
Water cooler [Pa]	204
Electric heater [Pa]	30
DX cooler [Pa]	204

## CFP 3500



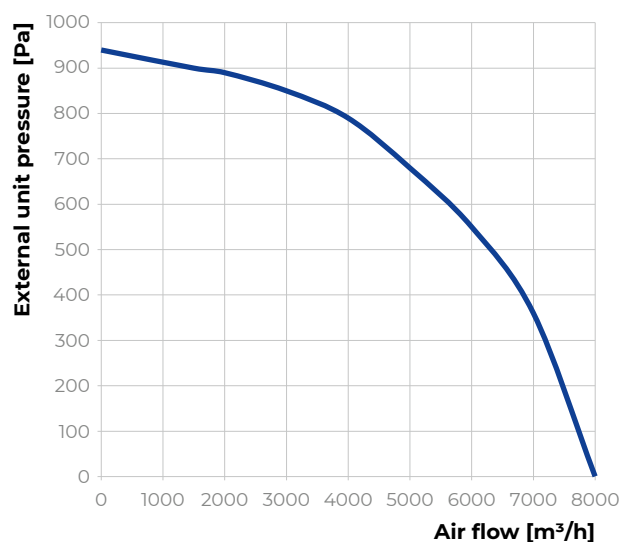
Additional pressure	CFP 3500
Water heater [Pa]	90
Water cooler [Pa]	286
Electric heater [Pa]	30
DX cooler [Pa]	286

## CFP 5000



Additional pressure	CFP 5000
Water heater [Pa]	55
Water cooler [Pa]	223
Electric heater [Pa]	35
DX cooler [Pa]	223

## CFP 6000



Additional pressure	CFP 6000
Water heater [Pa]	90
Water cooler [Pa]	285
Electric heater [Pa]	50
DX cooler [Pa]	285

# BLAUAIR CFV

## FLOOR MOUNTED HEAT RECOVERY UNITS



## FEATURES

High-efficient EC fans, backward-curved, external rotor. Integrated plug-and-play controls.

Automatic bypass. ECO-Design'18 compliant. Polystyrene plate heat exchanger. Panel filters ePM1 70% (ISO 16890)-F7 (EN779). Hinged service doors.

Web interface, MODBUS, outputs for optional water/freon cooler or electric/water heater.

Complete set of accessories: silencers, economizers, VAV, CAV, etc.

Operation by RH/CO<sub>2</sub>/temperature/constant pressure/timer schedule.



## Casing

- Double skin
- Frameless
- 40 mm mineral wool 90 kg/m<sup>3</sup>
- Outer skin: zinc-aluminum
- Inner skin: zinc-aluminum
- EN1886 class: D1, T3, TB4

## Heat exchanger

High-efficient counterflow heat exchanger made of profiled polystyrene plates, packed with elastic heat-resistant sealant. Stainless steel drain pan on both supply and exhaust sides.

## Bypass and dampers

Automatic bypass damper with a **Belimo actuator** provides active frost protection, free-heating and free-cooling functions. Optionally integrated automatic external dampers with Belimo drives.

**BELIMO**<sup>®</sup>

## Filters

Panel filters ePM1 70% (ISO 16890)-F7 (EN779) on both supply and exhaust.

## Technical data

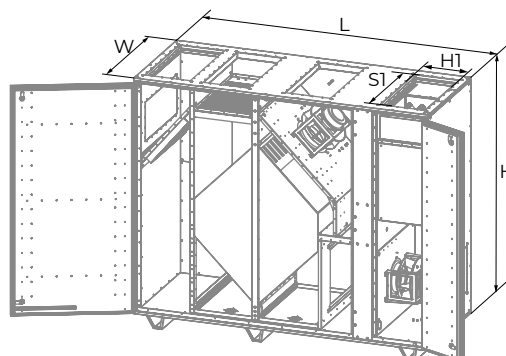
	CFV 800	CFV 1200
Phase/voltage [50–60 Hz/VAC]	1~200/240	
Power/current [kW/A]	2x0.168/2.4	2x0.53/4.8
Fan speed [min <sup>-1</sup> ]	2200	2470
Permanent ambient temperature [°C]	-35...+50	
Motor protection	IP54	
Insulation class (motor)	F	
Filter class exhaust/supply standard (optional)	ePM1 70%/ePM1 70% (ISO 16890)-F7 (EN779)	
Weight (net, without packing) [kg]	260	260
Sound pressure level at 3 m to environment [dBA]	29	26
Transported air temperature [°C]	-25...+40	

	CFV 1500	CFV 2500
Phase/voltage [50–60 Hz/VAC]	1~200/240	
Power/current [kW/A]	2x0.53/4.8	2x0.7/6.2
Fan speed [min <sup>-1</sup> ]	2430	2100
Permanent ambient temperature [°C]	-35...+50	
Motor protection	IP54	
Insulation class (motor)	F	
Filter class exhaust/supply standard (optional)	ePM1 70%/ePM1 70% (ISO 16890)-F7 (EN779)	
Weight (net, without packing) [kg]	307	307
Sound pressure level at 3 m to environment [dBA]	26	33
Transported air temperature [°C]	-25...+40	

	CFV 3500	CFV 5000	CFV 6000
Phase/voltage [50–60 Hz/VAC]	3~380/480		
Power/current [kW/A]	2x1.1/3.52	2x1.32/4.2	2x2.55/7.8
Fan speed [min <sup>-1</sup> ]	1800	1300	1500
Permanent ambient temperature [°C]	-35...+50		
Motor protection	IP54		
Insulation class (motor)	F		
Filter class exhaust/supply standard (optional)	ePM1 70%/ePM1 70% (ISO 16890)-F7 (EN779)		
Weight (net, without packing) [kg]	515	715	715
Sound pressure level at 3 m to environment [dBA]	35	26	28
Transported air temperature [°C]	-25...+40		

## Dimensions [mm]



	L	W	H	H1	S1
<b>CFV 800</b>	1400	800	1250	∅ 315	–
<b>CFV 1200</b>	1400	800	1250	∅ 315	–
<b>CFV 1500</b>	1950	750	1550	300	600
<b>CFV 2500</b>	1950	750	1550	300	600
<b>CFV 3500</b>	2200	890	1800	300	600
<b>CFV 5000</b>	2330	1390	1800	400	1000
<b>CFV 6000</b>	2330	1390	1800	400	1000



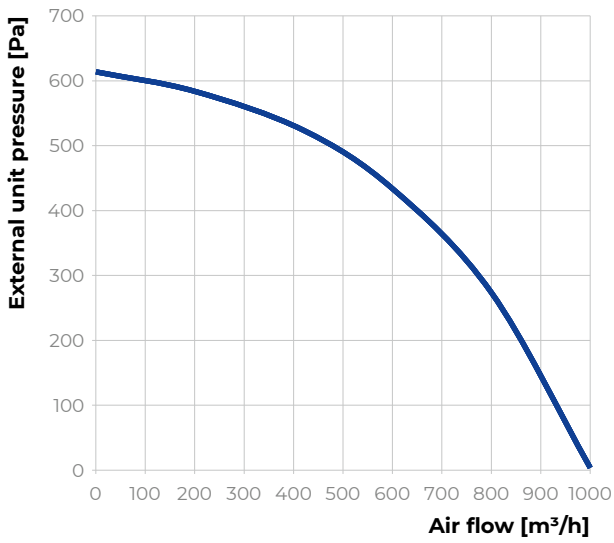
## Connectors and adapters dimensions [mm]

	Flexible connection	Damper	Adapter
<b>CFV 800 / CFV 1200</b>	∅ 315	∅ 315	∅ 250 / 500×250
<b>CFV 1500 / CFV 2500</b>	600×300	600×300	600×300 / 600×350
<b>CFV 3500</b>	600×300	600×300	600×300 / 600×350
<b>CFV 5000 / CFV 6000</b>	1000×400	1000×400	1000×400 / 1000×500

## Additional coil sections dimensions (W×H [mm])

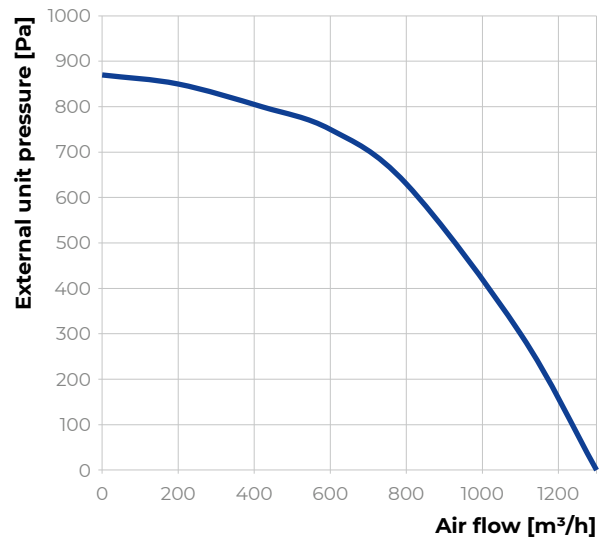
		CFV 800	CFV 1200	CFV 1500	CFV 2500	CFV 3500	CFV 5000	CFV 6000
<b>Water cooler CW-3</b>		500×250	500×250	600×350	600×350	600×350	1000×500	1000×500
<b>DX cooler CDX-3</b>		500×250	500×250	600×350	600×350	600×350	1000×500	1000×500

### CFV 800



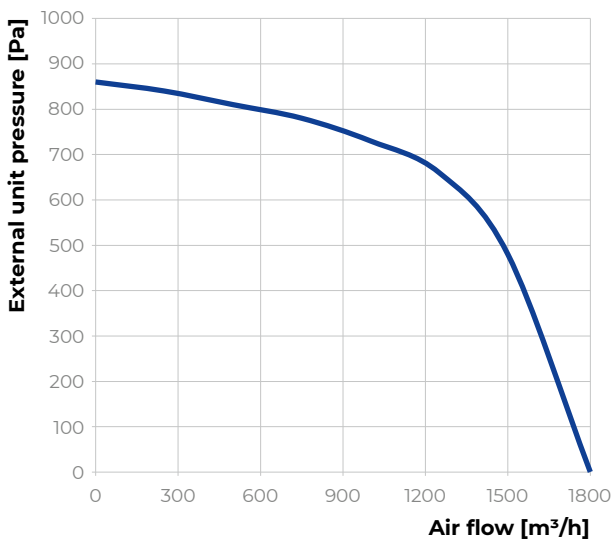
Additional pressure	CFV 800
Water heater [Pa]	35
Water cooler [Pa]	68
Electric heater [Pa]	25
DX cooler [Pa]	68

### CFV 1200



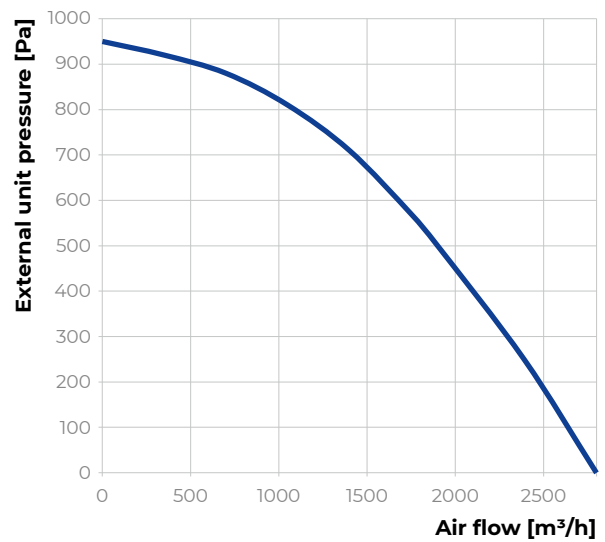
Additional pressure	CFV 1200
Water heater [Pa]	35
Water cooler [Pa]	139
Electric heater [Pa]	25
DX cooler [Pa]	139

### CFV 1500



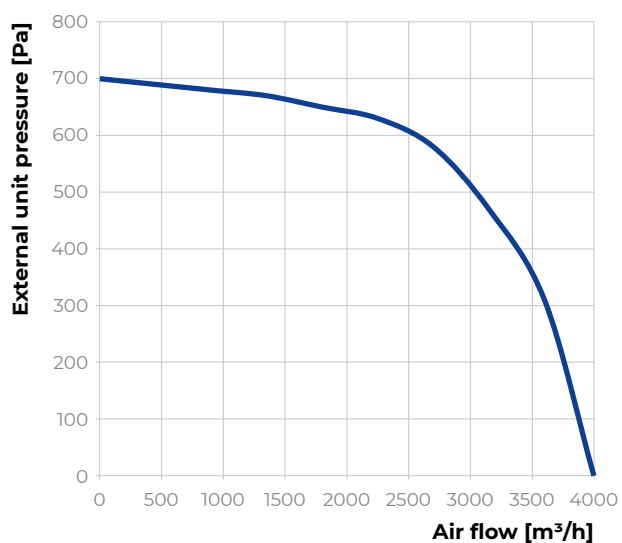
Additional pressure	CFV 1500
Water heater [Pa]	50
Water cooler [Pa]	82
Electric heater [Pa]	30
DX cooler [Pa]	82

### CFV 2500



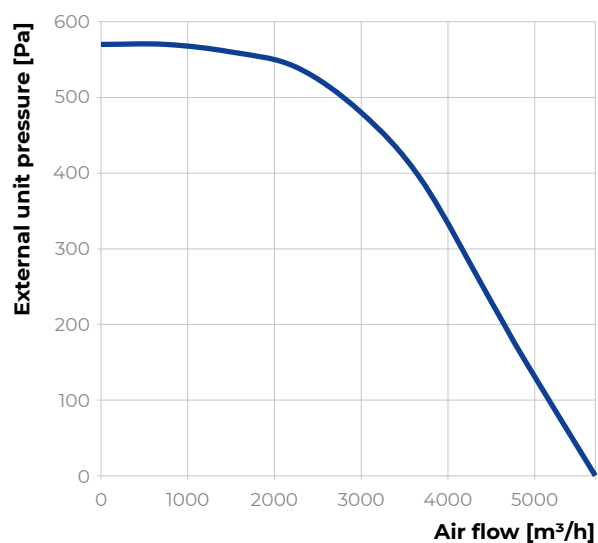
Additional pressure	CFV 2500
Water heater [Pa]	55
Water cooler [Pa]	197
Electric heater [Pa]	30
DX cooler [Pa]	197

## CFV 3500



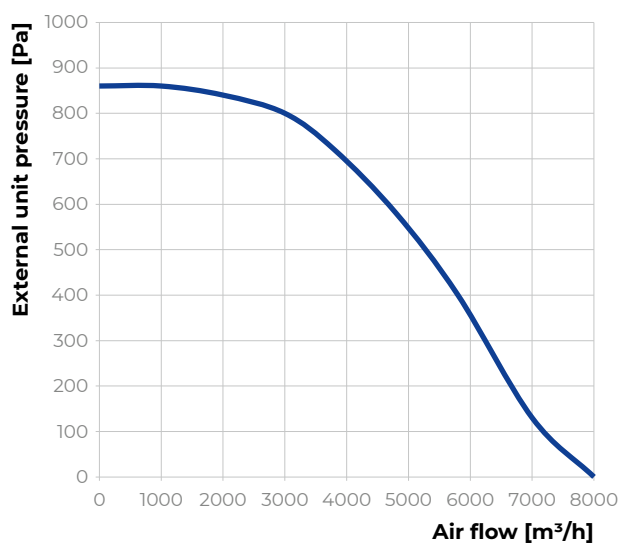
Additional pressure	CFV 3500
Water heater [Pa]	60
Water cooler [Pa]	286
Electric heater [Pa]	30
DX cooler [Pa]	286

## CFV 5000



Additional pressure	CFV 5000
Water heater [Pa]	75
Water cooler [Pa]	123
Electric heater [Pa]	35
DX cooler [Pa]	123

## CFV 6000



Additional pressure	CFV 6000
Water heater [Pa]	90
Water cooler [Pa]	207
Electric heater [Pa]	50
DX cooler [Pa]	207

# BLAUAIR RH

## FLOOR MOUNTED HEAT RECOVERY UNITS



## FEATURES

High-efficient EC fans, backward-curved, external rotor. Integrated plug-and-play controls.

High-efficient rotary heat exchanger of two types: condensing (aluminum) type and enthalpy type.

Optional outdoor installation with outdoor mounting kit.

Web interface, MODBUS, outputs for optional electric/water heater or water/freon cooler.

Complete set of accessories: silencers, economizers, VAV, CAV, etc.

Operation by RH/CO<sub>2</sub>/temperature/constant pressure/timer schedule.



## Casing

- Double skin
- Frameless
- 40 mm mineral wool 90 kg/m<sup>3</sup> for RH 800-6000 and with frame 50 mm for RH 9000
- Outer skin: zinc-aluminium
- Inner skin: zinc-aluminium
- EN1886 class: D1, T3, TB4

## Heat exchanger

High-efficient rotary heat exchanger is available in two types:

- Condensing (aluminum) type – standard;
- Enthalpy type – optional.

## Dampers

Optionally integrated automatic external dampers with **Belimo** drives.

**BELIMO**<sup>®</sup>

## Filters

Panel filters ePM1 70% (ISO 16890)-F7 (EN779) on both supply and exhaust.

## Technical data

	RH 800	RH 1200	RH 1500
Phase/voltage [50–60 Hz/VAC]	1~200/240		
Power/current [kW/A]	2×0.168/2.4	2×0.53/4.8	2×0.53/4.8
Fan speed [min <sup>-1</sup> ]	2200	2470	2430
Permanent ambient temperature [°C]	-35...+50		
Motor protection	IP54		
Insulation class (motor)	F		
Filter class exhaust/supply standard (optional)	ePM1 70%/ePM1 70% (ISO 16890)-F7 (EN779)		
Weight (net, without packing) [kg]	418	418	547
Housing protection class	IP34		
Sound pressure level at 3 m to environment [dBA]	29	26	26
Transported air temperature [°C]	-25...+40		

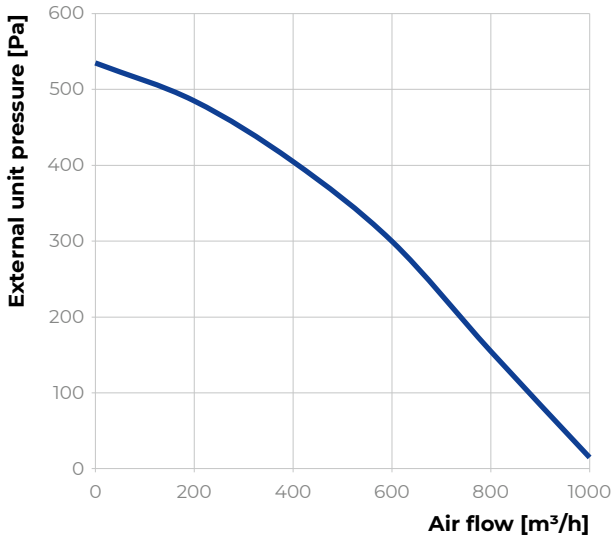
	RH 2500	RH 3500	RH 5000
Phase/voltage [50–60 Hz/VAC]	1~200/240	3~380/480	3~380/480
Power/current [kW/A]	2×0.7/6.2	2×1.1/3.52	2×1.32/4.2
Fan speed [min <sup>-1</sup> ]	2100	1800	1300
Permanent ambient temperature [°C]	-35...+50		
Motor protection	IP54		
Insulation class (motor)	F		
Filter class exhaust/supply standard (optional)	ePM1 70%/ePM1 70% (ISO 16890)-F7 (EN779)		
Weight (net, without packing) [kg]	547	723	1232
Housing protection class	IP34		
Sound pressure level at 3 m to environment [dBA]	33	35	26
Transported air temperature [°C]	-25...+40		

	RH 6000	RH 9000
Phase/voltage [50–60 Hz/VAC]	3~380/480	
Power/current [kW/A]	2×2.55/7.8	2×2.55/7.8
Fan speed [min <sup>-1</sup> ]	1500	1700
Permanent ambient temperature [°C]	-35...+50	
Motor protection	IP54	
Insulation class (motor)	F	
Filter class exhaust/supply standard (optional)	ePM1 70%/ePM1 70% (ISO 16890)-F7 (EN779)	
Weight (net, without packing) [kg]	1232	2050
Housing protection class	IP34	
Sound pressure level at 3 m to environment [dBA]	28	47
Transported air temperature [°C]	-25...+40	

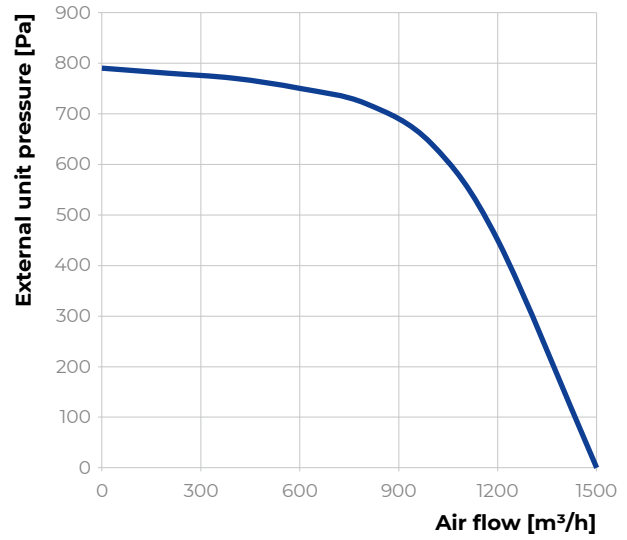


## RH 800



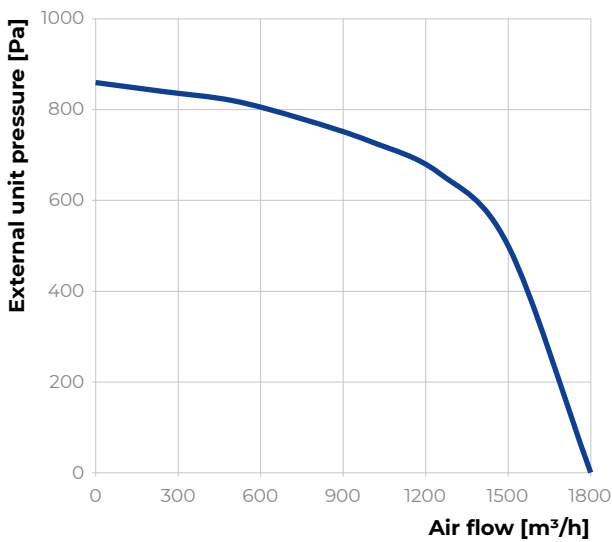
Additional pressure		RH 800
Water heater [Pa]		55
Water cooler [Pa]		68
Electric heater [Pa]		30
DX cooler [Pa]		68

## RH 1200



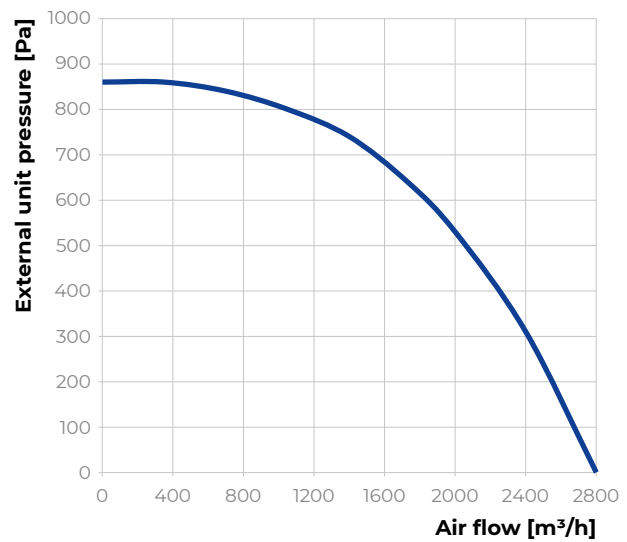
Additional pressure		RH 1200
Water heater [Pa]		55
Water cooler [Pa]		139
Electric heater [Pa]		30
DX cooler [Pa]		139

## RH 1500



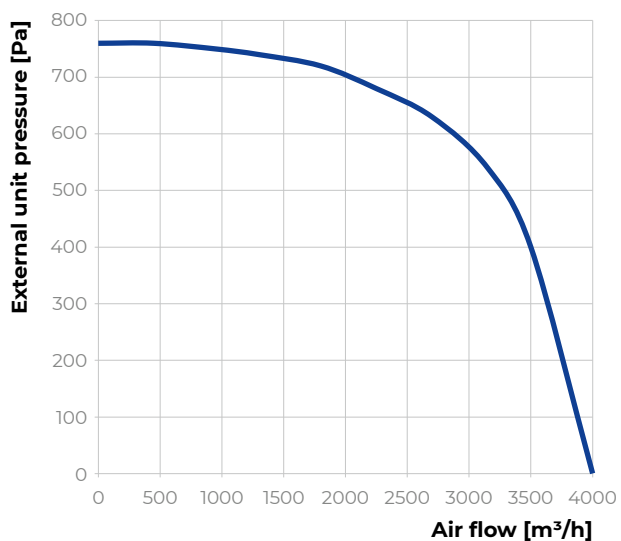
Additional pressure		RH 1500
Water heater [Pa]		55
Water cooler [Pa]		82
Electric heater [Pa]		30
DX cooler [Pa]		82

## RH 2500



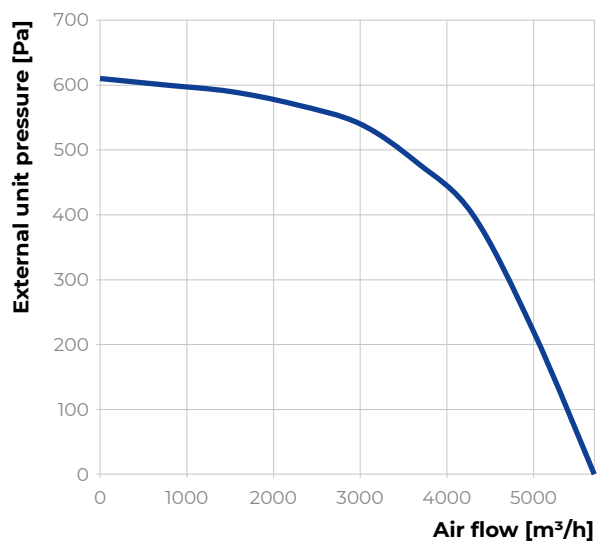
Additional pressure		RH 2500
Water heater [Pa]		60
Water cooler [Pa]		190
Electric heater [Pa]		30
DX cooler [Pa]		190

### RH 3500



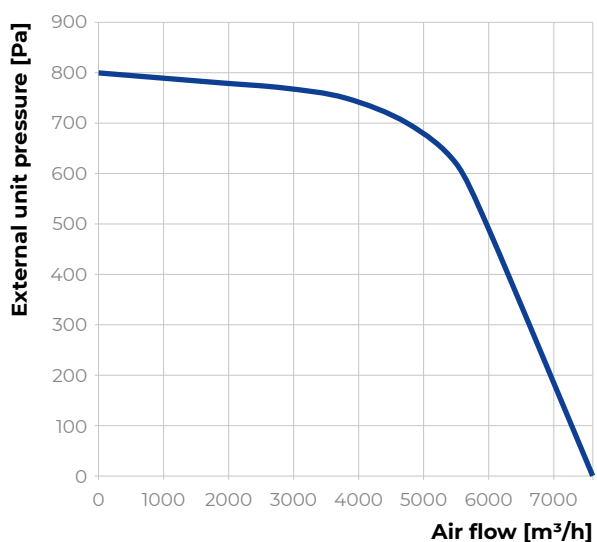
Additional pressure	RH 3500
Water heater [Pa]	55
Water cooler [Pa]	223
Electric heater [Pa]	30
DX cooler [Pa]	223

### RH 5000



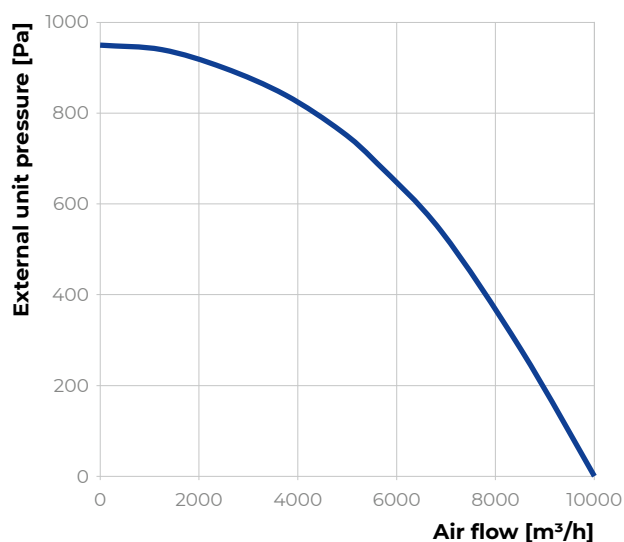
Additional pressure	RH 5000
Water heater [Pa]	50
Water cooler [Pa]	128
Electric heater [Pa]	30
DX cooler [Pa]	128

### RH 6000



Additional pressure	RH 6000
Water heater [Pa]	60
Water cooler [Pa]	207
Electric heater [Pa]	30
DX cooler [Pa]	207

### RH 9000



Additional pressure	RH 9000
Water heater [Pa]	60
Water cooler [Pa]	176
Electric heater [Pa]	30
DX cooler [Pa]	176

# BLAUAIR RV

## FLOOR MOUNTED HEAT RECOVERY UNITS



## FEATURES

High-efficient EC fans, backward-curved, external rotor. Integrated plug-and-play controls.

High-efficient rotary heat exchanger of two types: condensing (aluminum) type and enthalpy type.

Web interface, MODBUS, outputs for optional electric/water heater or water/freon cooler.

Complete set of accessories: silencers, economizers, VAV, CAV, etc.

Operation by RH/CO<sub>2</sub>/temperature/constant pressure/timer schedule.



## Casing

- Double skin
- Frameless
- 40 mm mineral wool 90 kg/m<sup>3</sup> for RV 800-6000
- Outer skin: zinc-aluminum
- Inner skin: zinc-aluminum
- EN1886 class: D1, T3, TB4

## Heat exchanger

High-efficient rotary heat exchanger is available in two types:

- Condensing (aluminum) type – standard;
- Enthalpy type – optional.

## Dampers

Optionally integrated automatic external dampers with **Belimo** drives.

**BELIMO**<sup>®</sup>

## Filters

Panel filters ePM1 70% (ISO 16890)-F7 (EN779) on both supply and exhaust.

## Technical data

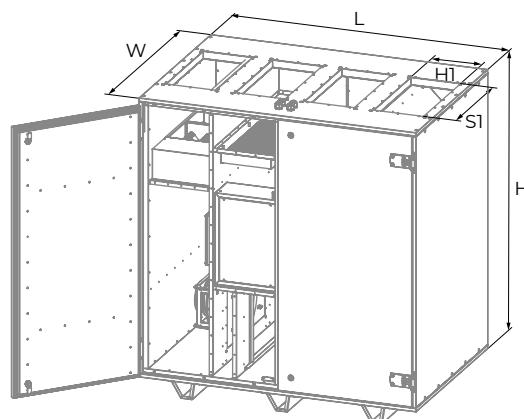
	RV 800	RV 1200
Phase/voltage [50–60 Hz/VAC]	1~200/240	
Power/current [kW/A]	2×0.168/2.4	2×0.53/4.8
Fan speed [min <sup>-1</sup> ]	2200	2470
Permanent ambient temperature [°C]	-35...+50	
Motor protection	IP54	
Insulation class (motor)	F	
Filter class exhaust/supply standard (optional)	ePM1 70%/ePM1 70% (ISO 16890)-F7 (EN779)	
Weight (net, without packing) [kg]	270	270
Sound pressure level at 3 m to environment [dBA]	29	26

	RV 1500	RV 2500
Phase/voltage [50–60 Hz/VAC]	1~200/240	
Power/current [kW/A]	2×0.53/4.8	2×0.7/6.2
Fan speed [min <sup>-1</sup> ]	2430	2100
Permanent ambient temperature [°C]	-35...+50	
Motor protection	IP54	
Insulation class (motor)	F	
Filter class exhaust/supply standard (optional)	ePM1 70%/ePM1 70% (ISO 16890)-F7 (EN779)	
Weight (net, without packing) [kg]	307	307
Sound pressure level at 3 m to environment [dBA]	26	33

	RV 3500	RV 5000	RV 6000
Phase/voltage [50–60 Hz/VAC]	3~380/480		
Power/current [kW/A]	2×1.1/3.52	2×1.32/4.2	2×2.55/7.8
Fan speed [min <sup>-1</sup> ]	1800	1300	1500
Permanent ambient temperature [°C]	-35...+50		
Motor protection	IP54		
Insulation class (motor)	F		
Filter class exhaust/supply standard (optional)	ePM1 70%/ePM1 70% (ISO 16890)-F7 (EN779)		
Weight (net, without packing) [kg]	405	715	715
Sound pressure level at 3 m to environment [dBA]	35	26	28

## Dimensions [mm]



	L	W	H	H1	S1
<b>RV 800</b>	1140	785	1250	Ø 250	–
<b>RV 1200</b>	1140	785	1250	Ø 250	–
<b>RV 1500</b>	1400	960	1400	250	500
<b>RV 2500</b>	1400	960	1400	250	500
<b>RV 3500</b>	1600	1290	1860	300	600
<b>RV 5000</b>	1910	1390	2090	350	1000
<b>RV 6000</b>	1910	1390	2090	350	1000



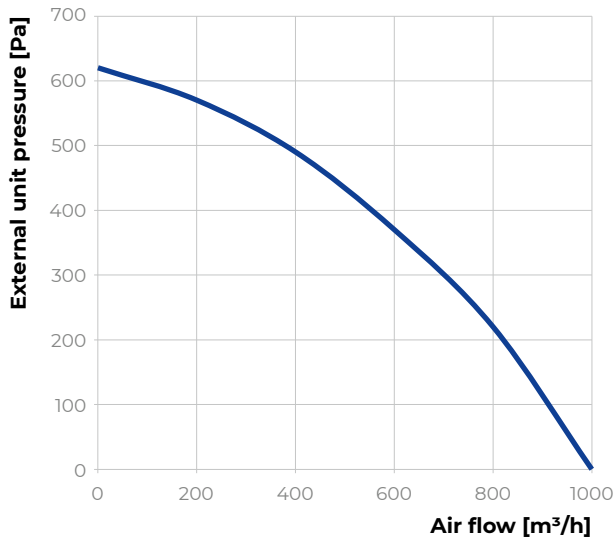
## Connectors and adapters dimensions [mm]

	Flexible connection	Damper	Adapter
<b>RV 800 / RV 1200</b>	Ø 250	Ø 250	Ø 250 / 500×250
<b>RV 1500 / RV 2500</b>	500×250	500×250	500×250 / 600×350
<b>RV 3500</b>	600×300	600×300	600×300 / 600×350
<b>RV 5000 / RV 6000</b>	1000×350	1000×350	1000×350 / 1000×500

## Additional coil sections dimensions (H×W [mm])

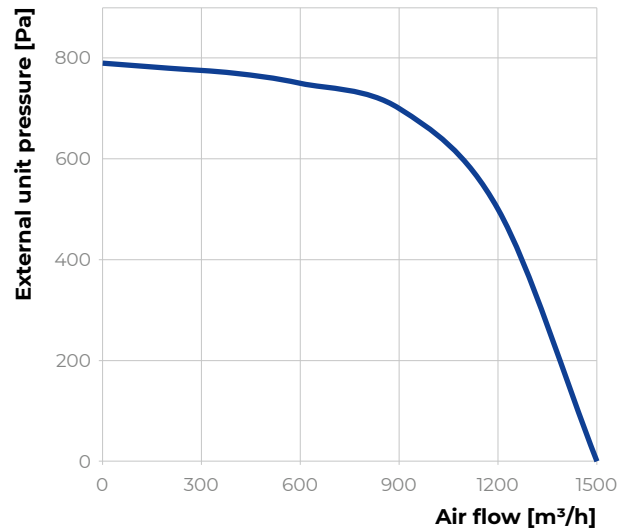
		RV 800	RV 1200	RV 1500	RV 2500	RV 3500	RV 5000	RV 6000
<b>Water cooler CW-3</b>		500×250	500×250	600×350	600×350	600×350	1000×500	1000×500
<b>DX cooler CDX-3</b>		500×250	500×250	600×350	600×350	600×350	1000×500	1000×500

## RV 800



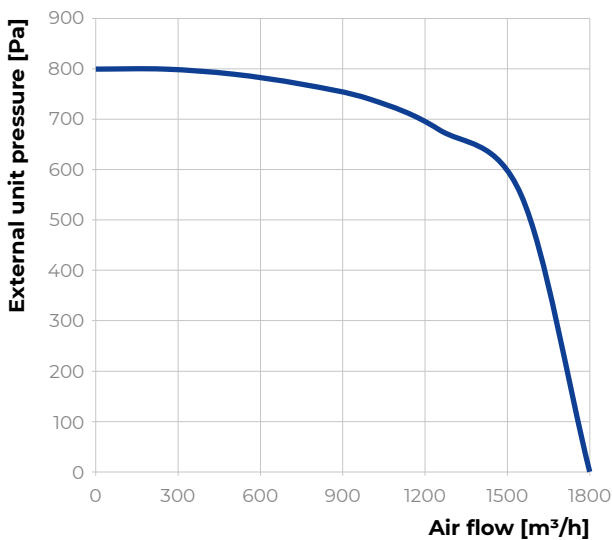
Additional pressure		RV 800
Water heater [Pa]		50
Water cooler [Pa]		68
Electric heater [Pa]		30
DX cooler [Pa]		68

## RV 1200



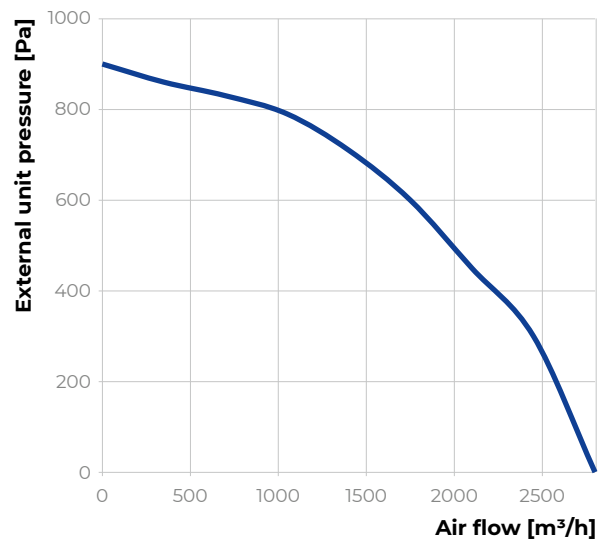
Additional pressure		RV 1200
Water heater [Pa]		50
Water cooler [Pa]		139
Electric heater [Pa]		30
DX cooler [Pa]		139

## RV 1500



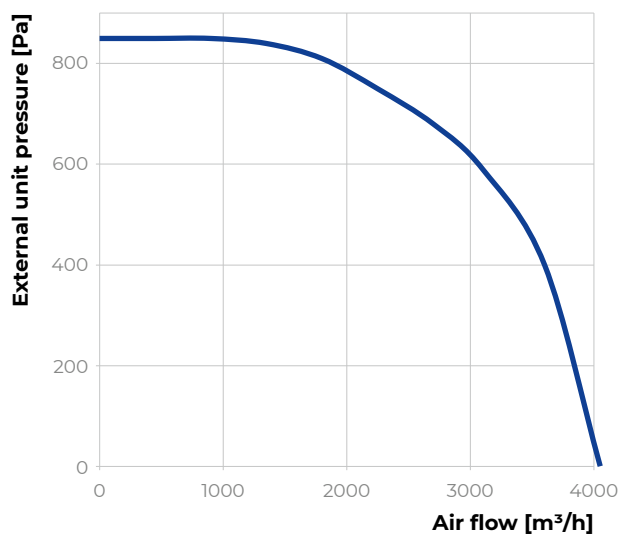
Additional pressure		RV 1500
Water heater [Pa]		50
Water cooler [Pa]		82
Electric heater [Pa]		30
DX cooler [Pa]		82

## RV 2500



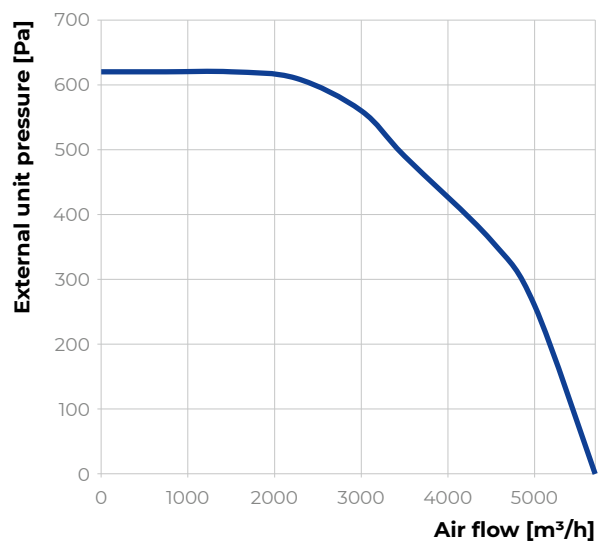
Additional pressure		RV 2500
Water heater [Pa]		60
Water cooler [Pa]		204
Electric heater [Pa]		30
DX cooler [Pa]		204

## RV 3500



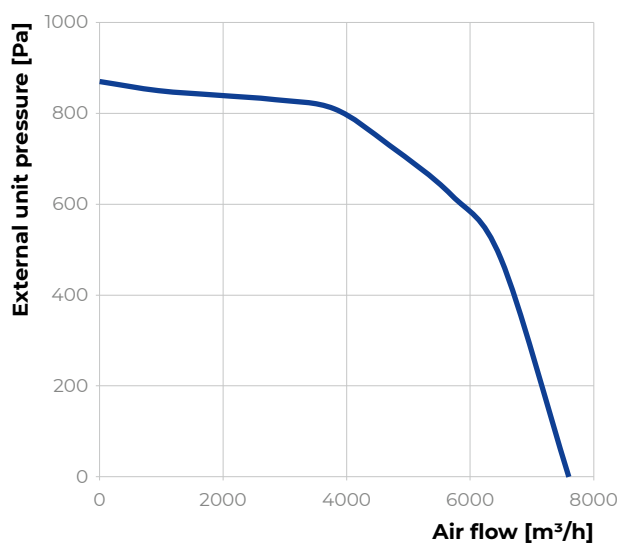
Additional pressure	RV 3500
Water heater [Pa]	60
Water cooler [Pa]	286
Electric heater [Pa]	30
DX cooler [Pa]	286

## RV 5000

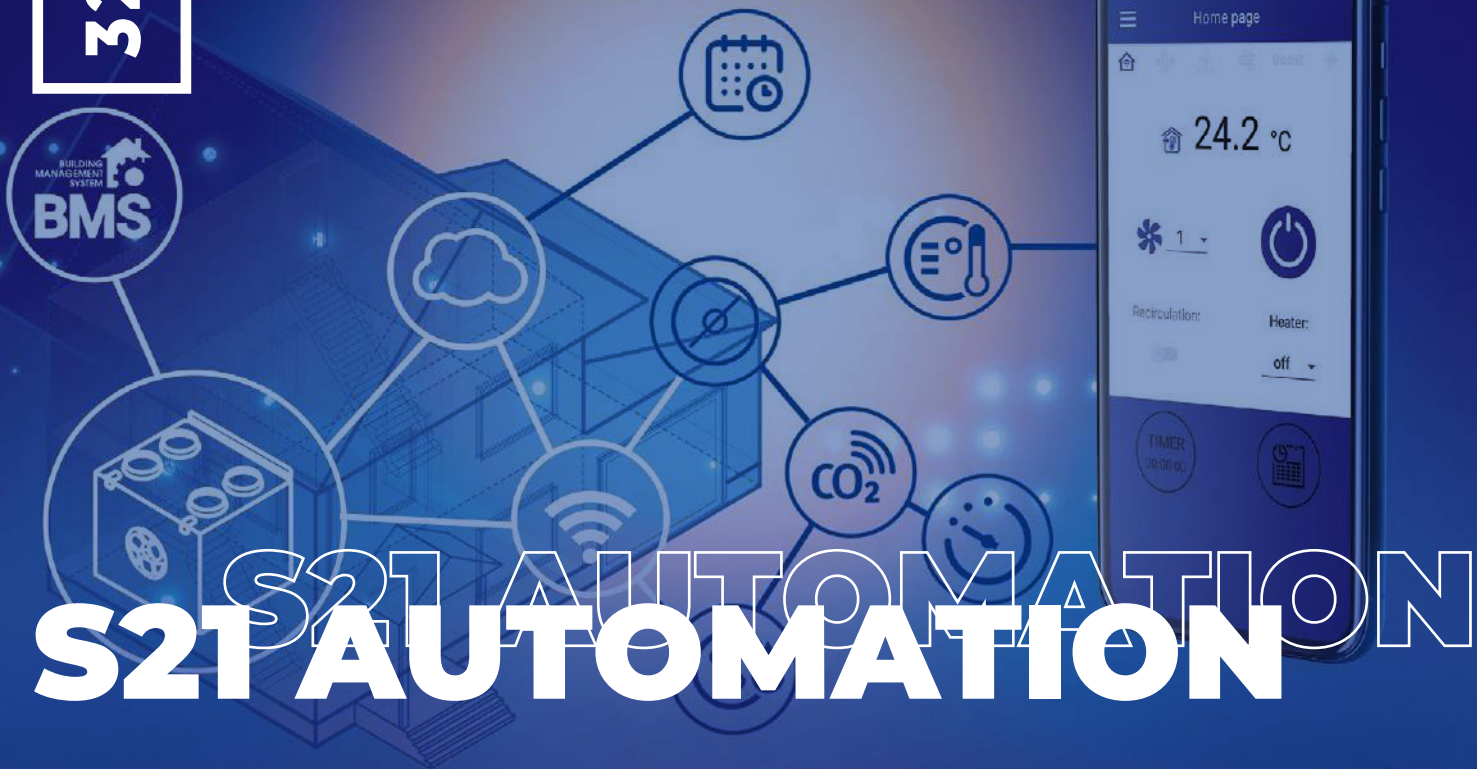


Additional pressure	RV 5000
Water heater [Pa]	50
Water cooler [Pa]	149
Electric heater [Pa]	30
DX cooler [Pa]	149

## RV 6000



Additional pressure	RV 6000
Water heater [Pa]	60
Water cooler [Pa]	207
Electric heater [Pa]	30
DX cooler [Pa]	207



# S21 AUTOMATION

## Control and automation

The **BlauAir S21** units are equipped with an integrated automation system. The remote control panel is not included in the delivery set (sold separately).

The S21 controller allows integrating the unit into the **Smart Home** system or **BMS (Building Management System)**.

The unit can be controlled by the **Blauberg AHU** mobile application via Wi-Fi.






Download the Blauberg AHU app for Android



Download the Blauberg AHU app for iOS



Functions	
Unit control via Wi-Fi using a mobile application	+
Unit control via a wired remote control panel	 S22 control panel (option)
Unit control via a wireless remote control panel	 S22 Wi-Fi control panel (option)
Unit control via a remote wired LCD control panel	 S25 control panel (option)
BMS (Building Management System)	RS-485
	Wi-Fi
	Ethernet
	MODBUS (RTU, TCP)
Blauberg Cloud Server service	+
Speed selection	+
Filter replacement indication	by filter timer
	by filter clogging differential pressure switch
Alarm indication	full alarm description in the mobile application
Week-scheduled operation	+
Bypass	automatic
	manual
Timer	+
Boost mode	+
Fireplace mode	+
Freeze protection	through cyclic stops of the supply fan
	through preheating (option)
Reheater connection	option
Cooler connection	option
Minimum supply air temperature control	+
Humidity control	option
CO <sub>2</sub> control	option
VOC control	option
PM2.5 control	option
Fire alarm sensor connection	option



Select the unit online in a few clicks  
and get full technical data at  
[blaubergselector.com](http://blaubergselector.com)



**[blaubergventilatoren.net](http://blaubergventilatoren.net)**

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**2|2025**

