



# BRUCEC



## UNITĂȚI DE RECUPERARE DE CĂLDURĂ COMERCIALE, CU EFICIENȚĂ FOARTE RIDICATĂ

### BY-PASS AUTOMAT INCLUS

### MOTOARE EC CU CONVERTIZOR DE FRECVENȚĂ

**Recuperare de căldură:** recuperatorul este de tip contra-curent confecționat din Aluminiu. Pe acesta este instalată și tava de colectare condens.

**Structură:** cadrul este din Aluminiu iar panourile din structură tip sandwich cu izolație fonică. Unitățile sunt echipate cu panouri demontabile pentru proceduri de intervenție periodică.

**Ventilatoare:** plug fan cu motoare EC fără perii (modelele BRUCEC700, BRUCEC1000) de tip centrifugal cu dublă aspirație cu motor electric cu rotor extern, fără perii (EC) inclusiv cu convertizor de frecvență. Interfață MODBUS (modelele BRUCEC2000, BRUCEC3500, BRUCEC4500).

**Filtre:** unitățile sunt echipate cu filtre ondulate, executate standard din material sintetic eficiență G4, și ramă din oțel galvanizat cu plasă din sârmă electrogalvanizată.

## COMMERCIAL HEAT RECOVERY UNIT WITH VERY HIGH EFFICIENCY

### AUTOMATIC BY-PASS INCLUDED

### EC MOTORS WITH FREQUENCY CONVERTER

**Heat recovery:** the recuperator is the counterflow type all-aluminium. On the same is installed a condensate drain basin.

**Structure:** the frame is made of aluminium and galvanized steel sandwich sound proof panels. The units are equipped with removable panels for access to the interior and make routine and extraordinary maintenance.

**Fans:** plug fan with EC Brushless engine (models BRUCEC700, BRUCEC1000) centrifugal double suction with electric motor with external rotor EC Brushless direct driven complete of frequency converter. Modbus interface (models BRUCEC2000, BRUCEC3500, BRUCEC4500).

**Filters:** the units are equipped with standard filter cells wavy synthetic fiber efficiency G4, galvanized steel frame and safety nets in electro galvanized steel wire.



	<b>BRUCEC700</b>	<b>BRUCEC1000</b>	<b>BRUCEC2000</b>	<b>BRUCEC3500</b>	<b>BRUCEC4500</b>
Debit de aer nominal (mc/h)   Nominal air flow (mc/h)	700	1000	2000	3500	4500
Presiune statică utilă (Pa)   Useful static pressure (pa)	110	190	390	240	350

**VENTILATOARE (date pentru fiecare ventilator) | FANS (data for each fan)**

Putere instalată (W)   Installed power (W)	113	207	1050	1050	2000
Curent (A)   Current (A)	0,8	1,4	4,51	4,53	9,52
Tensiune alimentare (V)   Rated voltage (V)	230	230	230	230	230
Frecvență (HZ)   Frequency (HZ)	50	50	50	50	50
Viteze (nr)   Speeds (nr)	1	1	1	1	1

**FILTRE | FILTERS**

Eficiență filtre pliate | Corrugated acrylic efficiency G4 ISO COARSE > 65 %

Dacă aerul proaspăt < -3°C e necesară baterie de pre-încălzire. | With fresh air temperature < -3°C it is necessary pre-heating.

**DATE TEHNICE ECODESIGN | ECODESIGN DATA SHEET**

Model Model	Eficiență Efficiency	Debit de aer nominal Nominal air flow	Presiune statică utilă Useful static pressure	SFPInt	SFP-2018	Viteză Frontală Front Speed	Eficiență ventilator Fan efficiency	Neetanșeitate internă Internal leakage	Neetanșeitate externă External leakage
	%	mc/h	pa	w/m <sup>3</sup> /s	w/m <sup>3</sup> /s	m/s	%	%	%
<b>BRUCEC700</b>	79,3	700	110	832	1439	1,24	42	6,6	3,9
<b>BRUCEC1000</b>	81,6	1000	190	946	1496	1,56	44	7,3	5,5
<b>BRUCEC2000</b>	80,7	2000	390	1303,2	1526,4	1,69	51	7,3	5,5
<b>BRUCEC3500</b>	81,7	3500	240	1202,4	1497,6	2,75	55	6,8	4,6
<b>BRUCEC4500</b>	81,3	4500	350	1432,8	1440,0	2,85	56	5,9	4,1

**PUTERE SONORĂ LW RADIATĂ DE CARCASA UNITĂȚII  
SOUND POWER LW RADIATED FROM THE CASING SHEET**

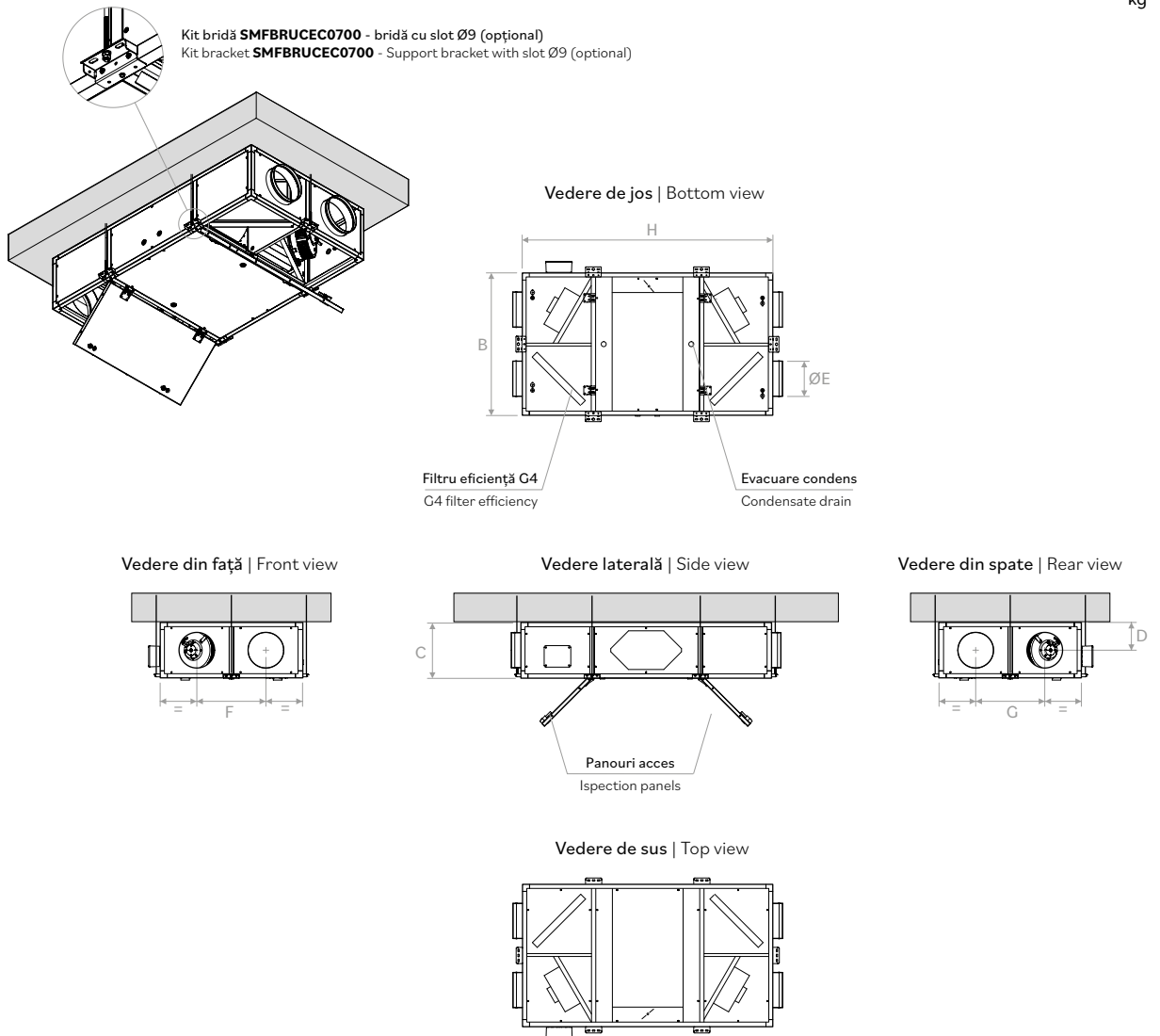
	Date măsurate la viteza maximă   Data measured at maximum speed							
	Frecvență (Hz)   Frequency (Hz)							
	125	250	500	1000	2000	4000	8000	LwdB(A)
<b>BRUCEC700</b>	60,7	63,4	57,2	54,4	43,9	40,1	41,6	58,7
<b>BRUCEC1000</b>	63	65,2	59,4	56,3	46,6	41,3	43,8	61,6
<b>BRUCEC2000</b>	64,3	73,3	65,2	57,9	50,1	43,3	41,2	67
<b>BRUCEC3500</b>	73,4	76,2	68,4	59	53,4	44,6	44,4	70,3
<b>BRUCEC4500</b>	74,2	78,7	70,5	62,3	55,3	46,4	47,1	71,6

**PUTERE SONORĂ LW RADIATĂ DE VENTILATOR  
SOUND POWER LW RADIATED FROM THE FAN**

	Date măsurate la viteza maximă   Data measured at maximum speed							
	Frecvență (Hz)   Frequency (Hz)							
	125	250	500	1000	2000	4000	8000	LwdB(A)
<b>BRUCEC700</b>	61,9	69,5	62,4	57,2	56,7	52,9	63,2	67,3
<b>BRUCEC1000</b>	64,2	73	66,7	60,6	61,9	56,4	65,3	70,6
<b>BRUCEC2000</b>	72,4	83,2	77,1	77,4	72,2	67,1	75,2	80,3
<b>BRUCEC3500</b>	74,2	78	78,4	76,6	73,1	71,4	74,6	79,2
<b>BRUCEC4500</b>	75,3	81,5	80,2	78,2	74,5	72,9	76,4	78,2

### INSTALARE ORIZONTALĂ | HORIZONTAL INSTALLATION

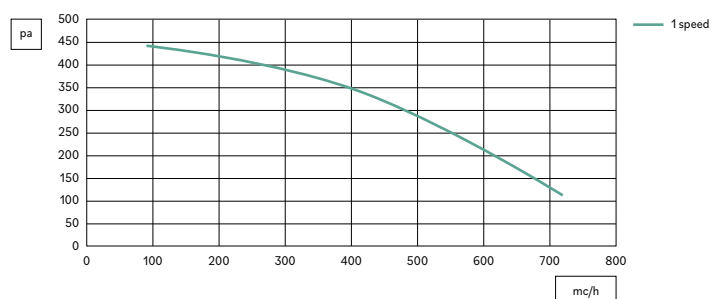
GREUTATE | WEIGHT: 135 kg



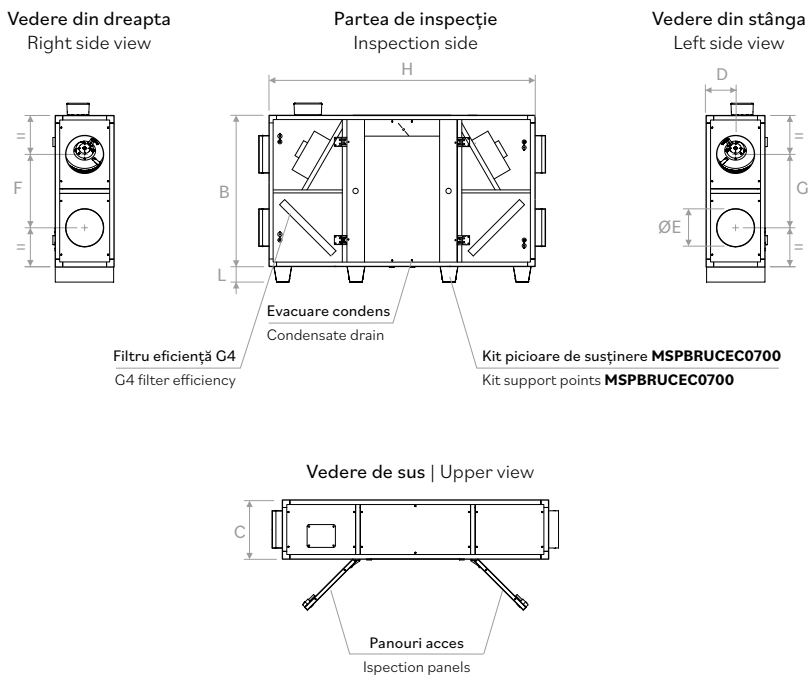
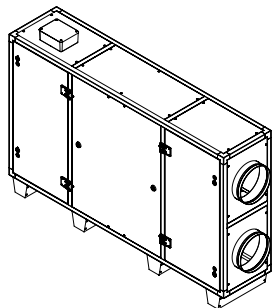
	H	B	C	D	ØE	F	G
mm	1760	1000	390	195	250	485	485

### DIAGrame PARAMETRII | PERFORMANCE CHARTS

Presiune statică utilă  
Useful static pressure



INSTALARE VERTICALĂ | VERTICAL INSTALLATION



	H	B	C	D	ØE	F	G	L
mm	1760	1000	390	175	250	485	485	100

**DIAGRAME PARAMETRII | PERFORMANCE CHARTS**

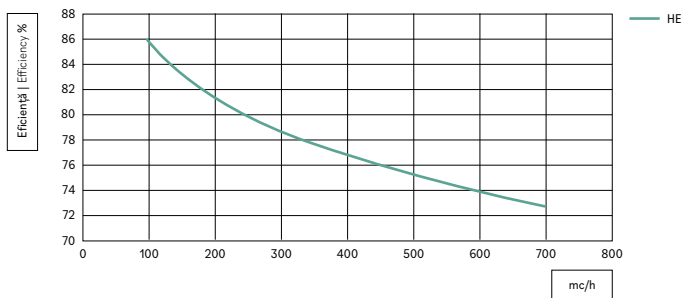
SCHIMBĂTOR DE CALDURĂ CERTIFICAT EN 308 | HEAT EXCHANGER EN 308 CERTIFIED

**Diagramă eficiență vara**

Aer proaspăt: 32 °C / 50 % U.R.  
Aer evacuat: 26 °C / 50 % U.R.

**Summer efficiency chart**

Fresh air: 32 °C / 50 % R.H.  
Return air: 26 °C / 50 % R.H.

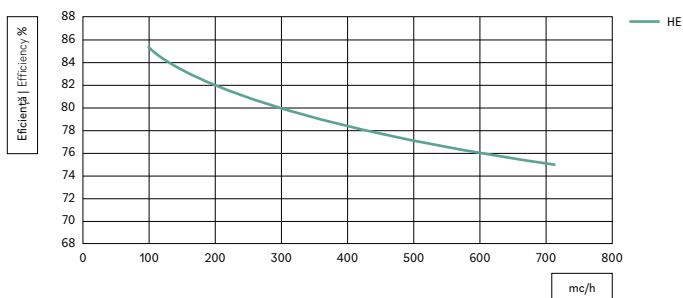


**Diagramă eficiență iarna**

Aer proaspăt: -5 °C / 80 % U.R.  
Aer evacuat: 20 °C / 50 % U.R.

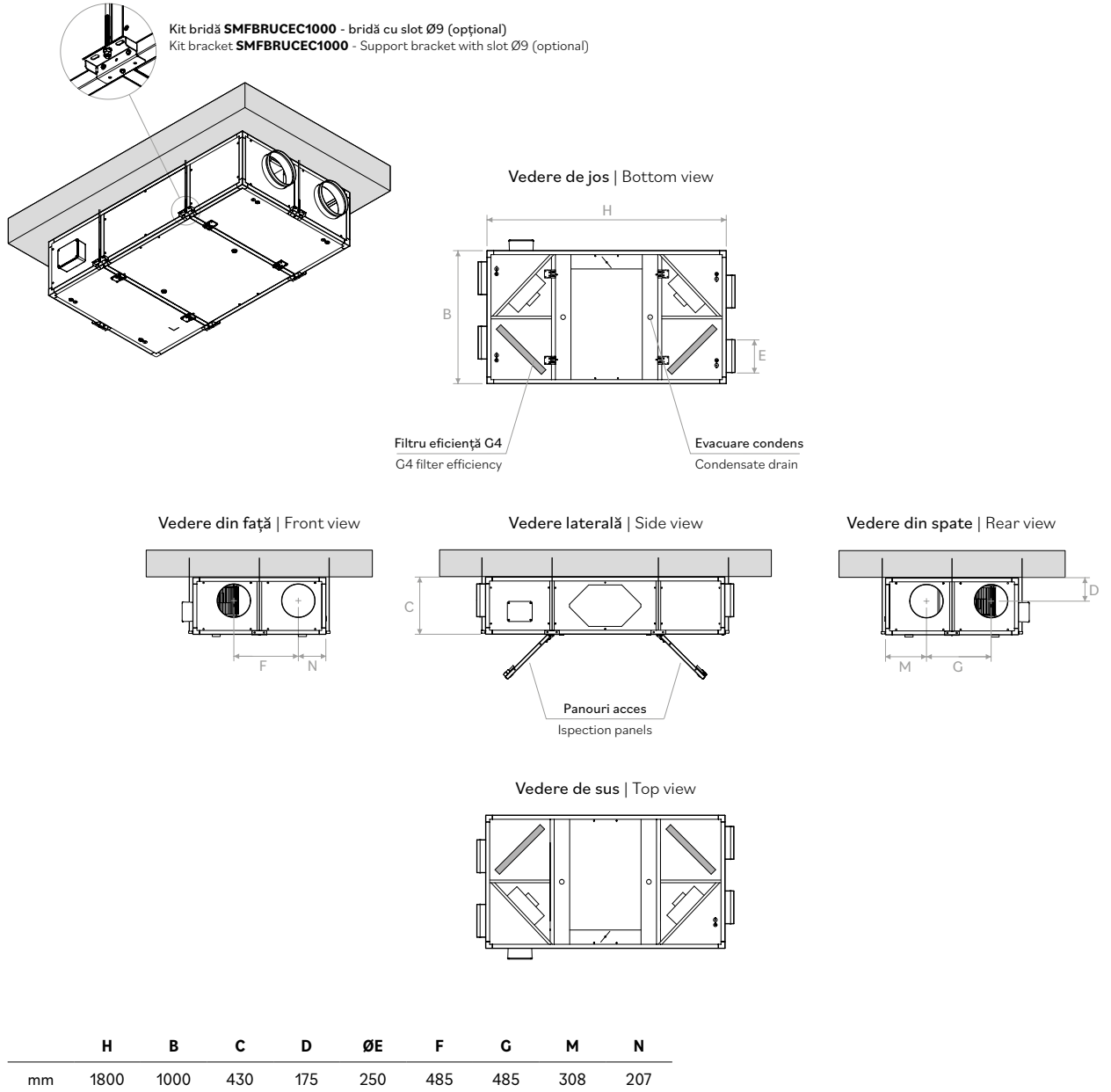
**Winter efficiency chart**

Fresh air: -5 °C / 80 % R.H.  
Return air: 20 °C / 50 % R.H.



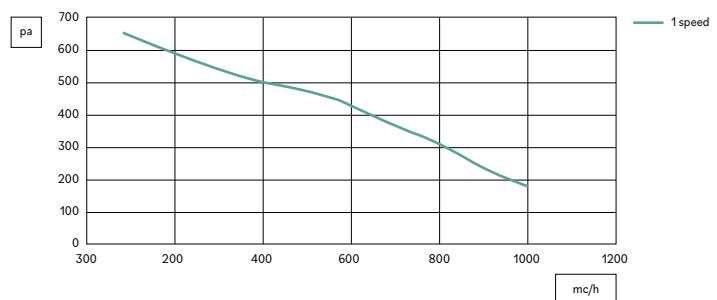
### INSTALARE ORIZONTALĂ | HORIZONTAL INSTALLATION

GREUTATE | WEIGHT: 150 kg

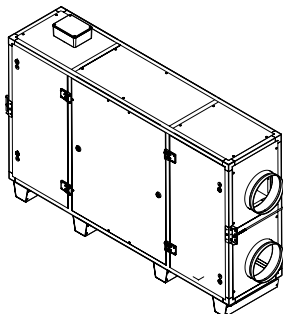


### DIAGrame PARAMETRII | PERFORMANCE CHARTS

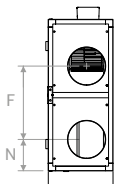
Presiune statică utilă  
Useful static pressure



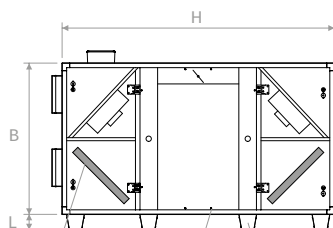
**INSTALARE VERTICALĂ | VERTICAL INSTALLATION**



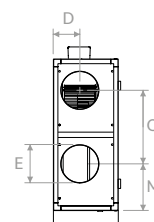
**Vedere din dreapta**  
Right side view



**Partea de inspecție**  
Inspection side



**Vedere din stânga**  
Left side view

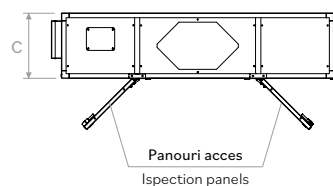


Filtru eficiență G4  
G4 filter efficiency

Evacuare condens  
Condensate drain

Kit picioare de susținere **MSPBRUCEC1000**  
Kit support points **MSPBRUCEC1000**

**Vedere de sus | Upper view**



	H	B	C	D	ØE	F	G	L	M	N
mm	1800	1000	430	175	250	485	485	100	308	207

**DIAGRAME PARAMETRII | PERFORMANCE CHARTS**

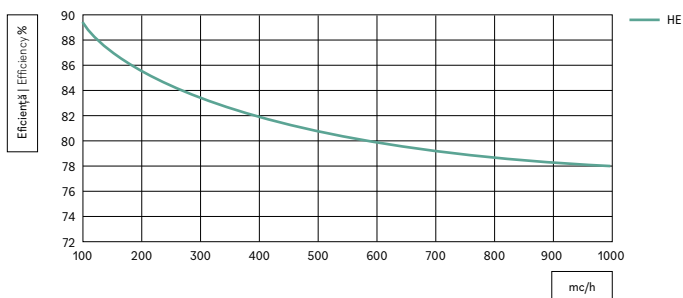
**SCHIMBĂTOR DE CALDURĂ CERTIFICAT EN 308 | HEAT EXCHANGER EN 308 CERTIFIED**

**Diagramă eficiență vara**

Aer proaspăt: 32 °C / 50 % U.R.  
Aer evacuat: 26 °C / 50 % U.R.

**Summer efficiency chart**

Fresh air: 32 °C / 50 % R.H.  
Return air: 26 °C / 50 % R.H.

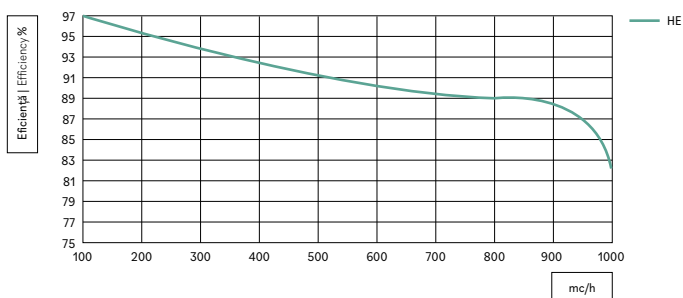


**Diagramă eficiență iarna**

Aer proaspăt: - 5 °C / 80 % U.R.  
Aer evacuat: 20 °C / 50 % U.R.

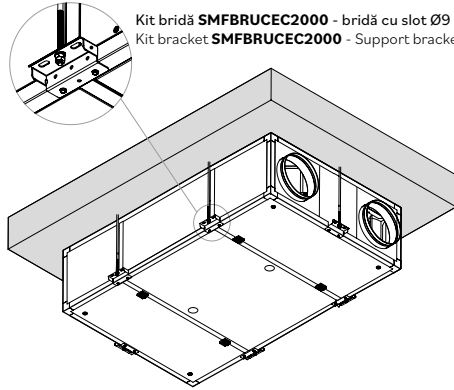
**Winter efficiency chart**

Fresh air: -5 °C / 80 % R.H.  
Return air: 20 °C / 50 % R.H.

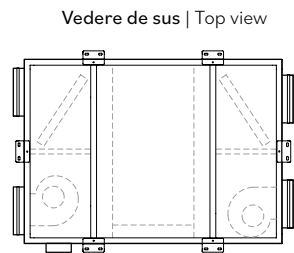
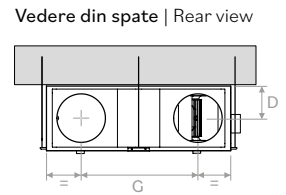
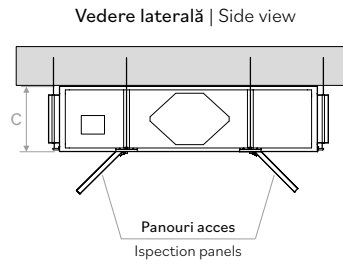
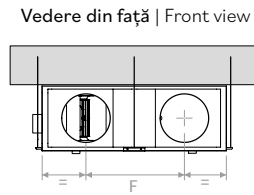
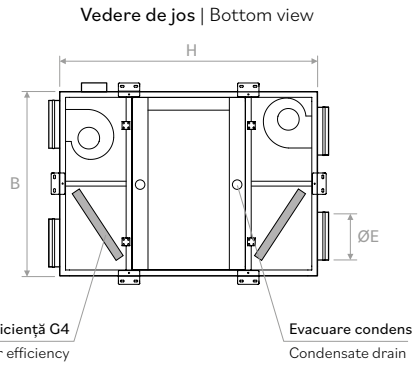


INSTALARE ORIZONTALĂ | HORIZONTAL INSTALLATION

GREUTATE | WEIGHT: 215 kg



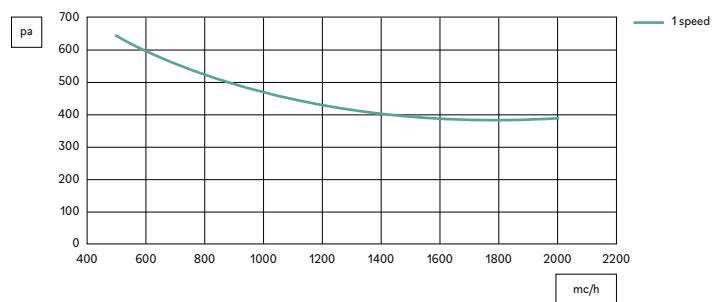
Kit bridă **SMFBRUCEC2000** - bridă cu slot Ø9 (opțional)  
Kit bracket **SMFBRUCEC2000** - Support bracket with slot Ø9 (optional)



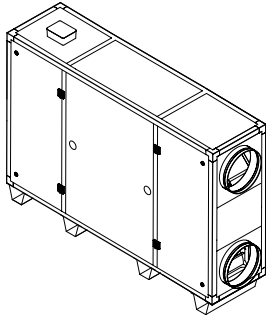
	H	B	C	D	ØE	F	G
mm	2000	1100	510	255	355	498	622

DIAGrame PARAMETRII | PERFORMANCE CHARTS

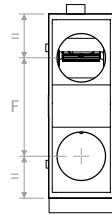
Presiune statică utilă  
Useful static pressure



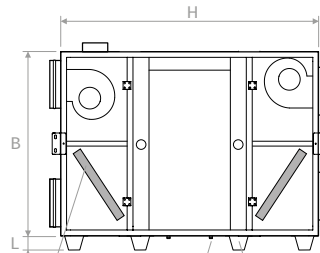
**INSTALARE VERTICALĂ | VERTICAL INSTALLATION**



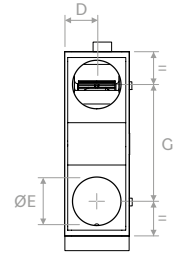
**Vedere din dreapta**  
Right side view



**Partea de inspecție**  
Inspection side

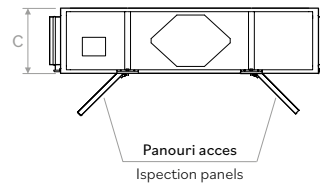


**Vedere din stânga**  
Left side view



Filtru eficiență G4      Evacuare condens      Kit picioare de susținere **MSPBRUCEC2000**  
G4 filter efficiency      Condensate drain      Kit support points **MSPBRUCEC2000**

**Vedere de sus | Upper view**



	H	B	C	D	ØE	F	G	L
mm	2000	1100	510	255	355	498	622	100

**DIAGRAME PARAMETRII | PERFORMANCE CHARTS**

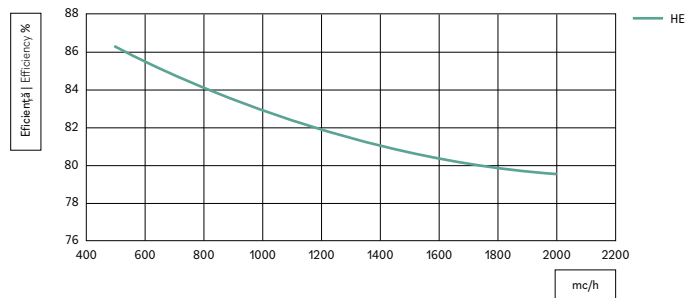
**SCHIMBĂTOR DE CALDURĂ CERTIFICAT EN 308 | HEAT EXCHANGER EN 308 CERTIFIED**

**Diagramă eficiență vara**

Aer proaspăt: 32 °C / 50 % U.R.  
Aer evacuat: 26 °C / 50 % U.R.

**Summer efficiency chart**

Fresh air: 32 °C / 50 % R.H.  
Return air: 26 °C / 50 % R.H.

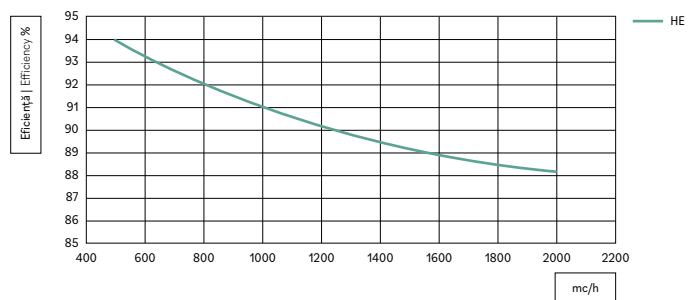


**Diagramă eficiență iarna**

Aer proaspăt: - 5 °C / 80 % U.R.  
Aer evacuat: 20 °C / 50 % U.R.

**Winter efficiency chart**

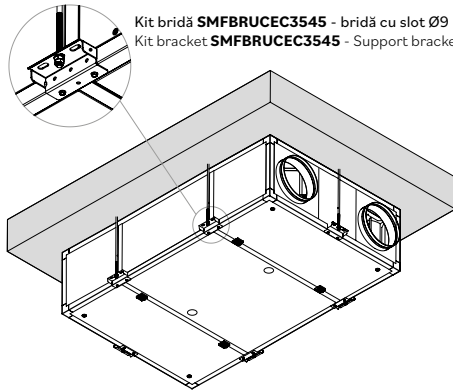
Fresh air: - 5 °C / 80 % R.H.  
Return air: 20 °C / 50 % R.H.



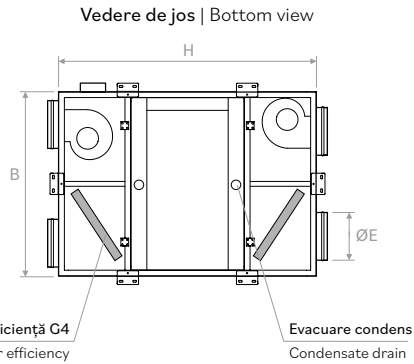


### INSTALARE ORIZONTALĂ | HORIZONTAL INSTALLATION

GREUTATE | WEIGHT: 360 kg



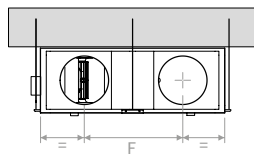
Kit bridă **SMFBRUCEC3545** - bridă cu slot Ø9 (opțional)  
Kit bracket **SMFBRUCEC3545** - Support bracket with slot Ø9 (optional)



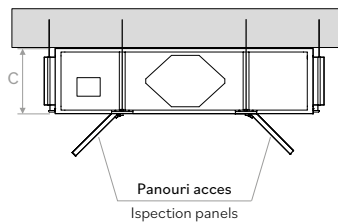
Filtru eficiență G4  
G4 filter efficiency

Evacuare condens  
Condensate drain

Vedere din față | Front view

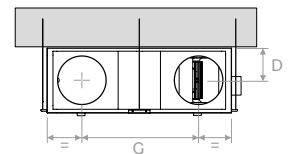


Vedere laterală | Side view

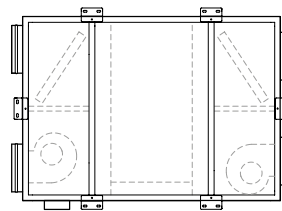


Panouri acces  
Inspection panels

Vedere din spate | Front view



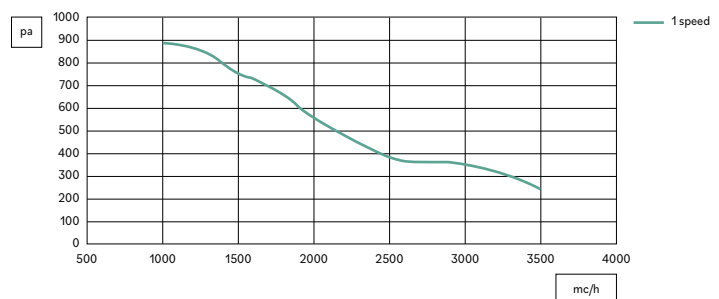
Vedere de sus | Top view



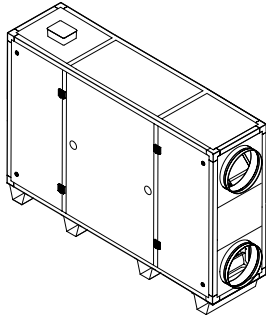
	H	B	C	D	ØE	F	G
mm	2250	1400	650	365	355	860	860

### DIAGrame PARAMETRII | PERFORMANCE CHARTS

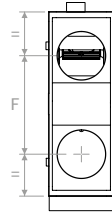
Presiune statică utilă  
Useful static pressure



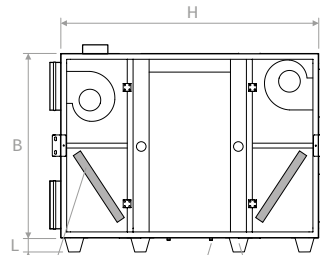
**INSTALARE VERTICALĂ | VERTICAL INSTALLATION**



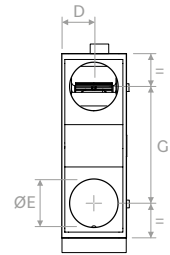
**Vedere din dreapta**  
Right side view



**Partea de inspecție**  
Inspection side



**Vedere din stânga**  
Left side view

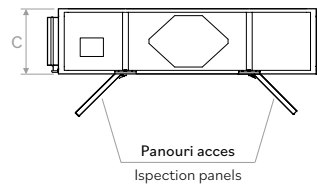


Filtru eficiență G4  
G4 filter efficiency

Evacuare condens  
Condensate drain

Kit picioare de susținere **MSPBRUCEC3545**  
Kit support points **MSPBRUCEC3545**

**Vedere de sus | Upper view**



	H	B	C	D	ØE	F	G	L
mm	2250	1400	650	365	355	860	860	100

**DIAGRAME PARAMETRII | PERFORMANCE CHARTS**

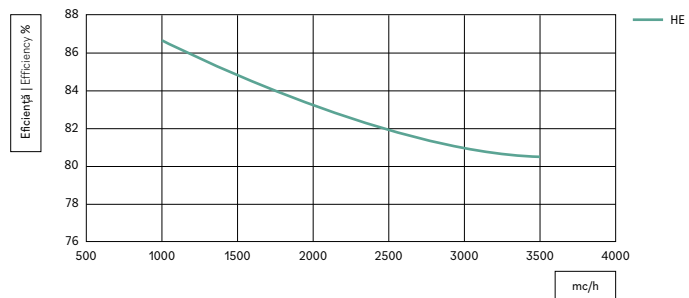
**SCHIMBĂTOR DE CALDURĂ CERTIFICAT EN 308 | HEAT EXCHANGER EN 308 CERTIFIED**

**Diagramă eficiență vara**

Aer proaspăt: 32 °C / 50 % U.R.  
Aer evacuat: 26 °C / 50 % U.R.

**Summer efficiency chart**

Fresh air: 32 °C / 50 % R.H.  
Return air: 26 °C / 50 % R.H.

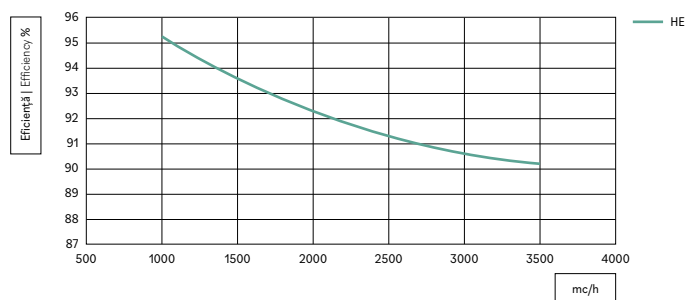


**Diagramă eficiență iarna**

Aer proaspăt: - 5 °C / 80 % U.R.  
Aer evacuat: 20 °C / 50 % U.R.

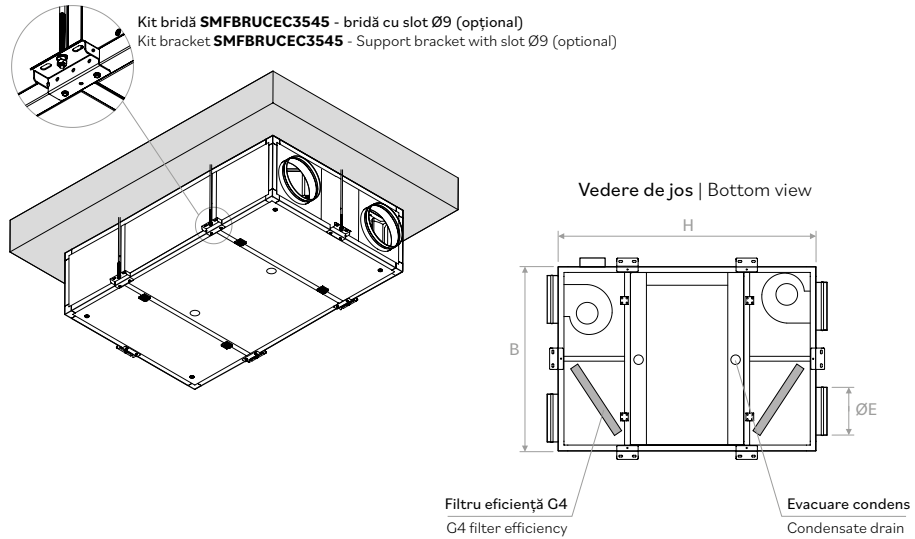
**Winter efficiency chart**

Fresh air: - 5 °C / 80 % R.H.  
Return air: 20 °C / 50 % R.H.

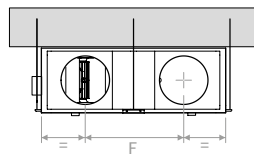


### INSTALARE ORIZONTALĂ | HORIZONTAL INSTALLATION

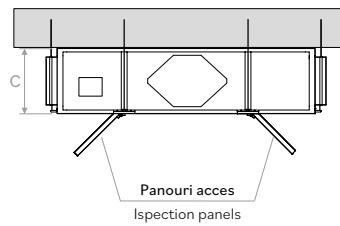
GREUTATE | WEIGHT: 400 kg



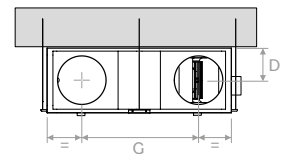
Vedere din față | Front view



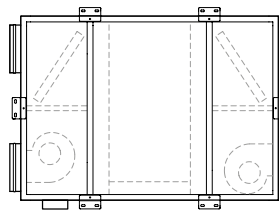
Vedere laterală | Side view



Vedere din spate | Rear view



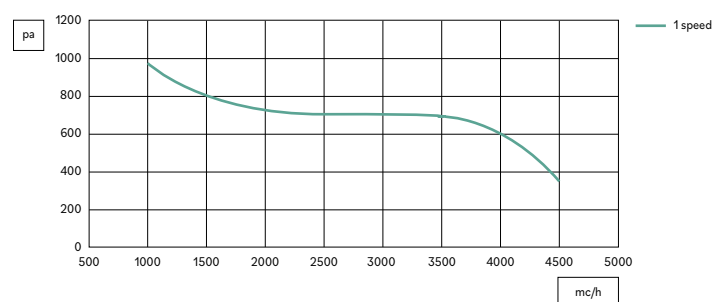
Vedere de sus | Top view



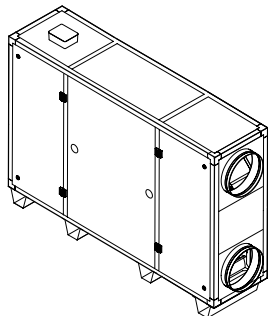
	H	B	C	D	ØE	F	G
mm	2500	1650	650	365	400	985	985

### DIAGrame PARAMETRII | PERFORMANCE CHARTS

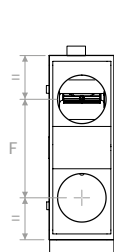
Presiune statică utilă  
Useful static pressure



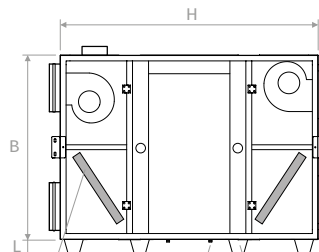
**INSTALARE VERTICALĂ | VERTICAL INSTALLATION**



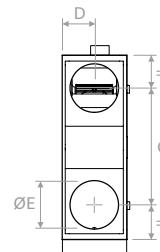
**Vedere din dreapta**  
Right side view



**Partea de inspecție**  
Inspection side



**Vedere din stânga**  
Left side view

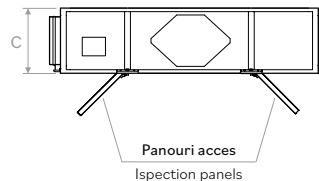


Filtru eficiență G4  
G4 filter efficiency

Evacuare condens  
Condensate drain

Kit picioare de susținere **MSPBRUCEC3545**  
Kit support points **MSPBRUCEC3545**

**Vedere de sus | Upper view**



	H	B	C	D	ØE	F	G	L
mm	2500	1650	650	365	400	985	985	100

**DIAGRAME PARAMETRII | PERFORMANCE CHARTS**

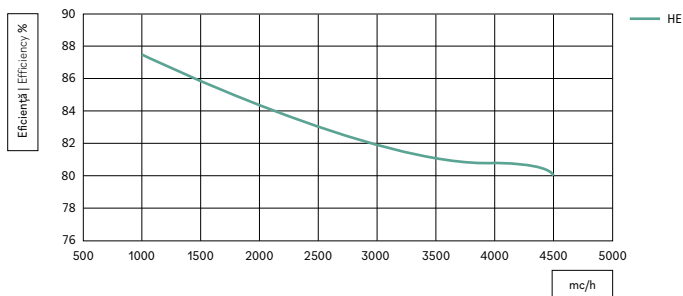
**SCHIMBĂTOR DE CALDURĂ CERTIFICAT EN 308 | HEAT EXCHANGER EN 308 CERTIFIED**

**Diagramă eficiență vara**

Aer proaspăt: 32 °C / 50 % U.R.  
Aer evacuat: 26 °C / 50 % U.R.

**Summer efficiency chart**

Fresh air: 32 °C / 50 % R.H.  
Return air: 26 °C / 50 % R.H.

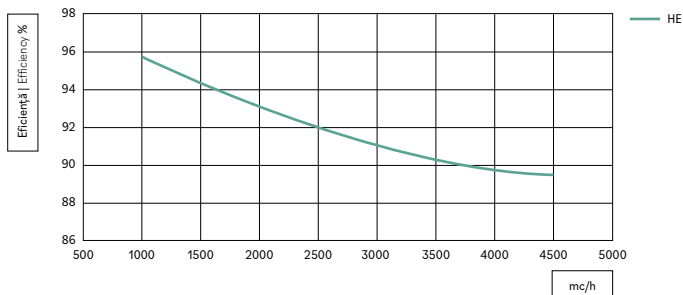


**Diagramă eficiență iarna**

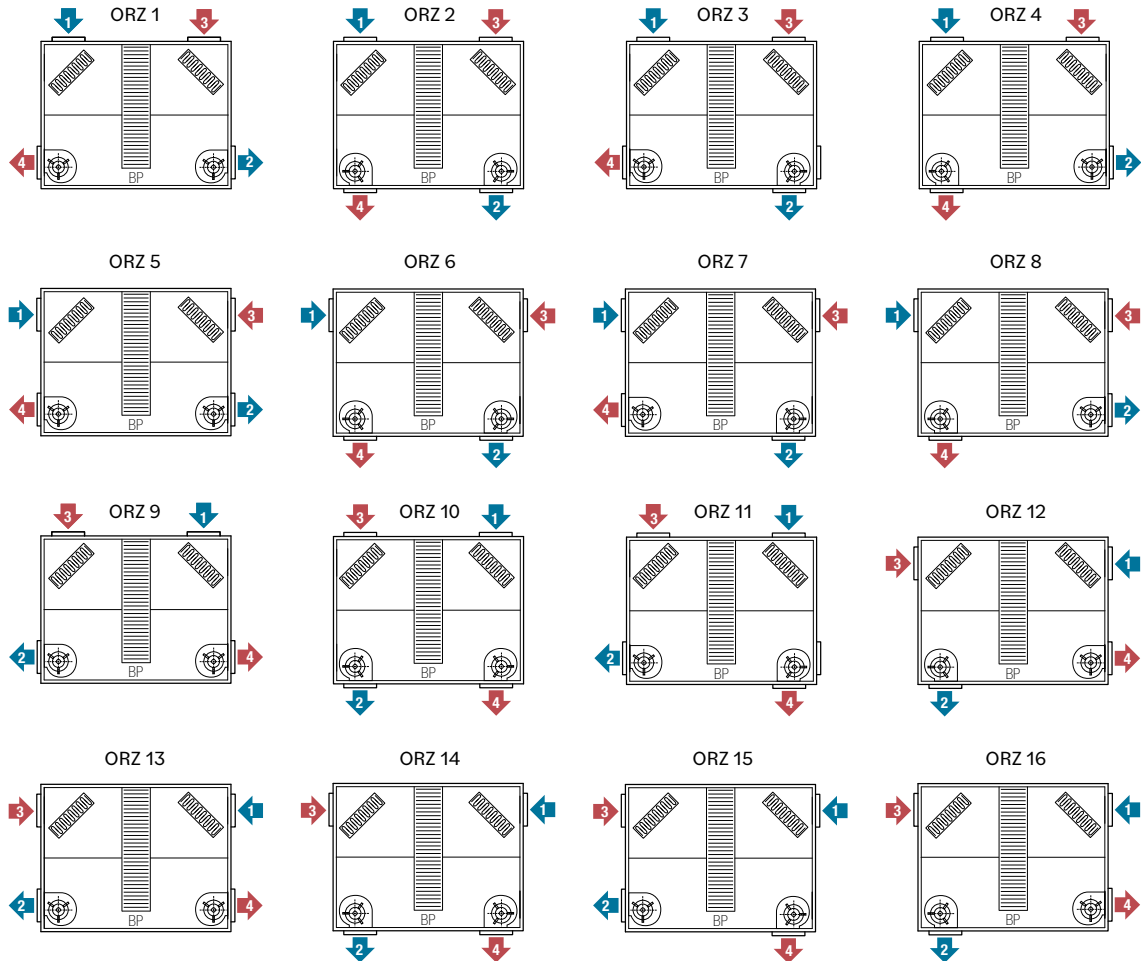
Aer proaspăt: - 5 °C / 80 % U.R.  
Aer evacuat: 20 °C / 50 % U.R.

**Winter efficiency chart**

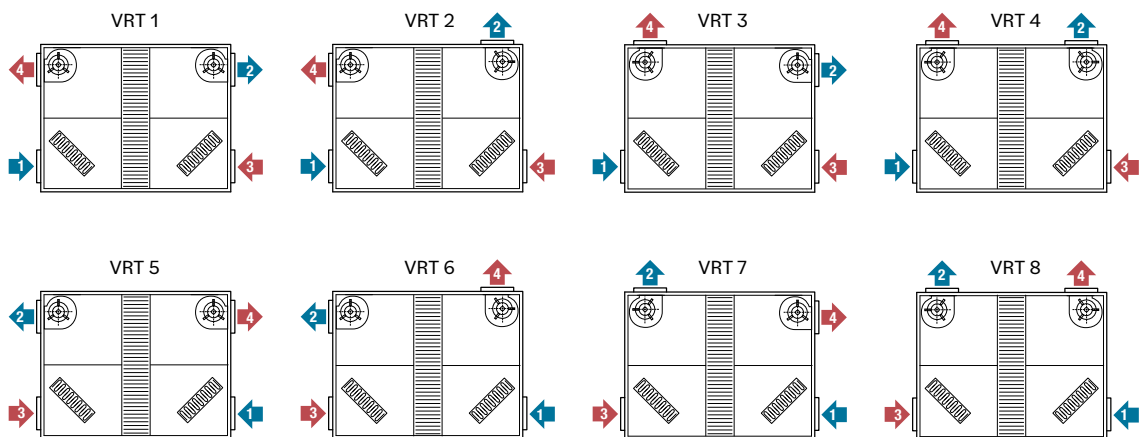
Fresh air: - 5 °C / 80 % R.H.  
Return air: 20 °C / 50 % R.H.



### CONFIGURAȚII ORIZONTALE (vedere de sus) | CONFIGURATIONS HORIZONTAL VERSION (top view)



### CONFIGURAȚII VERTICALE (vedere din față, de la partea de service) | CONFIGURATIONS VERTICAL VERSION (front view inspection side)



**Legendă | Legend**

- 1 = aer proaspăt | fresh air
- 2 = introducere | supply
- 3 = aspirație | return
- 4 = aer evacuat | exhaust air



**PREȚURI | PRICES**

Model | Model €

**BRUCEC700**

**BRUCEC1000**

**BRUCEC2000**

**BRUCEC3500**

**BRUCEC4500**

Versiuni exterior pentru BRUCECOE și BRUCECVE prețuri la cerere  
 Outdoor version BRUCECOE and BRUCECVE prices on request

**ACCESORII | ACCESSORIES**

Modelo | Model €

**REP**



Control viteze | Speed control  
 Se recomandă 2 variatoare de viteză pe fiecare unitate  
 Recommended 2 speed controls for unit

**SMFBRUCEC0700**  
**SMFBRUCEC1000**  
**SMFBRUCEC2000**  
**SMFBRUCEC3545**



Kit montaj pentru tavan | Kit brackets for ceiling mounting

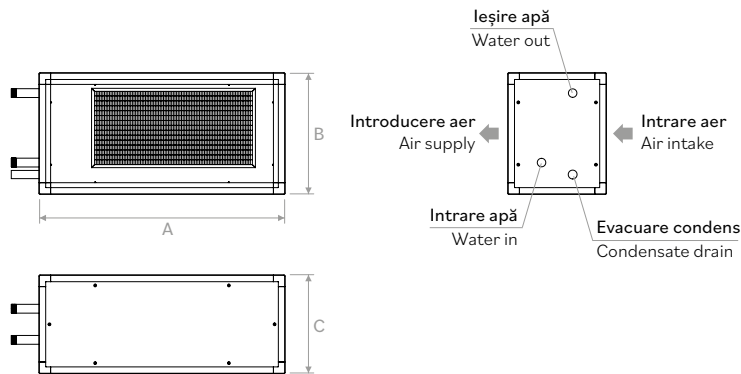
**MSPBRUCEC0700**  
**MSPBRUCEC1000**  
**MSPBRUCEC2000**  
**MSPBRUCEC3545**



Kit suport pentru montaj vertical | Kit support points for vertical installation

# BRUCEC

## MODUL RĂCIRE VARA | SUMMER COOLING GROUP

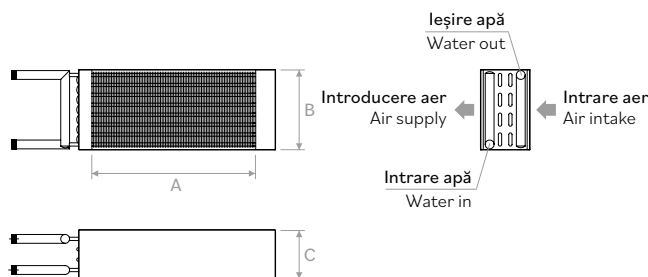


Intrare aer: 29,5°C - 65% U.R. / Intrare apă: 7°C / Ieșire apă: 12°C  
 Air inlet: 29,5°C - 65% U.R. / Water in: 7°C / Water out: 12°C

Dimensiuni | Dimensions

Model   Model	Temperatură ieșire vara Exit air temperature	Umiditate relativă la ieșire Exit air relative humidity	Capacitate Capacity	Debit de apă Water flow	Pierdere de presiune aer Air pressure drop	Pierdere presiune pe partea apei Pressure drop water side	Diametru racorduri apă Diameter water connections	Lungime grup Base group	Înălțime grup Height group	Adâncime grup Thickness group	€
	°C	%	Kw	mc/h	pa	kpa	inch   inches	A mm	B mm	C mm	
<b>BAFRE1000*</b>	16	96	9,21	1,6	73	12,3	3/4	750	370	300	
<b>BAFRE2000</b>	16	93	18,9	3,2	68	26,6	3/4	1100	430	300	
<b>BAFRE3500</b>	16	93	33,1	5,7	62	18,9	1	1400	610	300	
<b>BAFRE4500</b>	19,2	86	32,5	5,6	83	28,3	1	1600	610	300	

## BATERIE POST-ÎNCĂLZIRE CU AGENT TERMIC TEMPERATURĂ MARE | POST- HEATING HIGH TEMPERATURE COIL



Intrare aer: 8°C / Intrare apă: 70°C / Ieșire apă: 60°C  
 Air inlet: 8°C / Water in: 70°C / Water out: 60°C

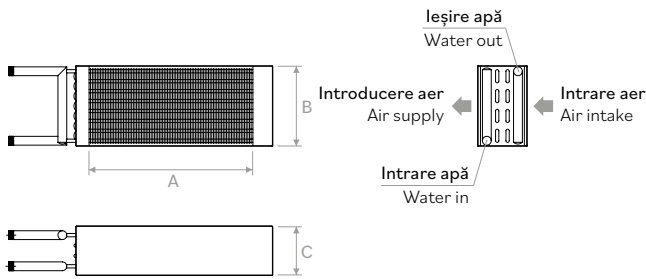
Dimensiuni | Dimensions

Model   Model	Ieșire temperatură aer Exit air temperature	Capacitate Capacity	Debit de apă Water flow	Pierdere de presiune aer Air pressure drop	Pierdere presiune pe partea apei Pressure drop water side	Diametru racorduri apă Diameter water connections	Lungime baterie Base air passage	Înălțime baterie Height air passage	Adâncime baterie Thickness air passage	€
	°C	Kw	mc/h	pa	kpa	inch   inches	A mm	B mm	C mm	
<b>BRATREC1000*</b>	25	8,89	0,8	22	12,8	1/2	500	300	90	
<b>BRATREC2000</b>	25	11,8	1	26	23,6	1/2	600	300	90	
<b>BRATREC3500</b>	25	20,7	1,8	20	16,7	3/4	800	480	100	
<b>BRATREC4500</b>	25	26,6	2,3	27	8	1	1000	480	120	

\* Conceput pentru recuperator BRUCEC1000 și BRUCEC700 | Suitable for BRUCEC1000 and BRUCEC700



**BATERIE POST-ÎNCĂLZIRE CU AGENT TERMIC TEMPERATURĂ JOASĂ | POST-HEATING LOW TEMPERATURE COIL**

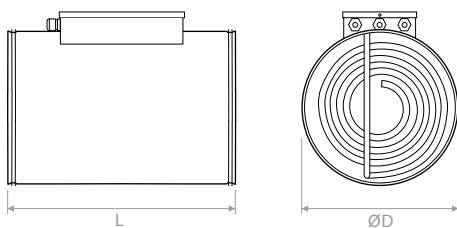


Intrare aer: 8°C / Intrare apă: 45°C / leșire apă: 40°C  
Air inlet: 8°C / Water in: 45°C / Water out: 40°C

Dimensiuni | Dimensions

Model   Model	leșire temperatură aer Exit air temperature °C	Capacitate Capacity Kw	Debit de apă Water flow mc/h	Pierdere de presiune aer Air pressure drop pa	Pierdere presiune pe partea apei Pressure drop water side kpa	Diametru racorduri apă Diameter water connection inch   inches	Lungime baterie Base air passage A mm	Înălțime baterie Height air passage B mm	Adâncime baterie Thickness air passage C mm	€
<b>BRBTREC1000*</b>	30	26,8	4,7	28	15,1	1	1000	480	160	
<b>BRBTREC2000</b>	30	15,3	2,7	31	12,6	3/4	850	300	150	
<b>BRBTREC3500</b>	30	26,8	4,7	28	15,1	1	1000	480	160	
<b>BRBTREC4500</b>	30	34,4	6	37	10	1½	1300	480	170	

**BATERIE ELECTRICĂ 400 VOLT | ELECTRICAL COIL 400 VOLT**



Intrare aer: 8°C / Date electrice: 400 Tensiune - 50 Hz  
Air inlet: 8°C / Electrical data: 400 Volt - 50 Hz

Dimensiuni | Dimensions

Model   Model	leșire temperatură aer Exit air temperature °C	Capacitate Capacity Kw	Trepte Levels NR.	Ø D Diametru Diameter mm	L Lungime Lenght mm	€
<b>BETREC1000*</b>	20	4,5	3	250	370	
<b>BETREC1500</b>	20	6,6	3	355	373	
<b>BETREC2500</b>	20	10,5	3	355	373	
<b>BETREC3500</b>	20	15	3	400	630	

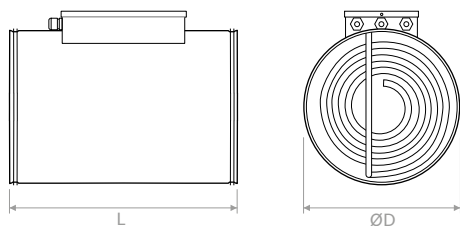
\* Conceput pentru recuperator BRUCEC1000 și BRUCEC700 | Suitable for BRUCEC1000 and BRUCEC700





# BRUCEC

## BATERIE ELECTRICĂ 230 VOLT | ELECTRICAL COIL 230 VOLT

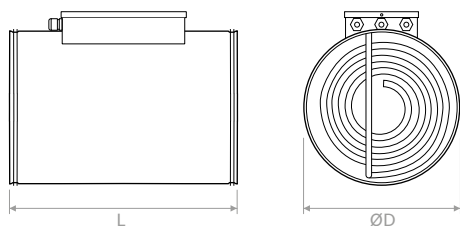


Intrare aer: 8°C / Date electrice: 230 Tensiune - 50 Hz  
Air inlet: 8°C / Electrical data: 230 Volt - 50 Hz

Dimensiuni | Dimensions

Model   Model	leșire temperatură aer Exit air temperature	Capacitate Capacity	Trepte Levels	Ø D Diametru Diameter	L Lungime Lenght	€
	°C	Kw	NR.	mm	mm	
<b>BEMREC1000*</b>	20	4,2	3	250	370	
<b>BEMREC1500</b>	20	6,3	3	355	373	
<b>BEMREC2500</b>	20	10,6	3	355	373	
<b>BEMREC3500</b>	20	15	3	400	630	

## BATERIE AUTOREGLANTĂ, ALIMENTATĂ LA 400 V ELECTRICAL COIL 400 VOLT SELF-REGULATING



Intrare aer: 8°C / Date electrice: 400 Tensiune - 50 Hz  
Air inlet: 8°C / Electrical data: 400 Volt - 50 Hz

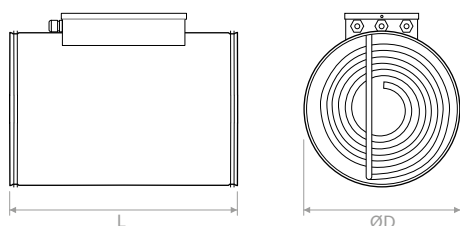
Dimensiuni | Dimensions

Model   Model	Capacitate Capacity	Ø D Diametru Diameter	L Lungime Lenght	€
	Kw	mm	mm	
<b>BETREC025006000AR</b>	6	250	370	
<b>BETREC035509000AR</b>	9	355	373	
<b>BETREC035512000AR</b>	12	355	373	
<b>BETREC035515000AR</b>	15	355	373	
<b>BETREC035518000AR</b>	18	355	373	
<b>BETREC040024000AR</b>	24	400	630	

Se poate folosi doar ca baterie de pre-încălzire  
Suitable only for pre-heating battery operating

\* Conceput pentru recuperator BRUCEC1000 și BRUCEC700 | Suitable for BRUCEC1000 and BRUCEC700



**BATERIE AUTOREGLANTĂ, ALIMENTATĂ LA 230  
ELECTRICAL COIL 230 VOLT SELF-REGULATING**


Intrare aer: 8°C / Date electrice: 230 Tensiune - 50 Hz  
Air inlet: 8°C / Electrical data: 230 Volt - 50 Hz

Dimensiuni | Dimensions

Model   Model	Capacitate Capacity	Ø D Diametru Diameter	L Lungime Length	€
	Kw	mm	mm	
<b>BEMREC025004200AR</b>	4,2	250	370	
<b>BEMREC025006000AR</b>	6	250	370	

Se poate folosi doar ca baterie de pre-încălzire  
Suitable only for pre-heating battery operating

**FILTRU DE ÎNALTĂ EFICIENȚĂ | HIGH EFFICIENCY FILTERS**

Model   Model	Eficiență   Efficiency	€
<b>GFTBRUC0700</b>	F7 ISO e PM1 > 65 %	pentru - suitable for <b>BRUCEC700</b>
<b>GFTBRUC1000</b>	F7 ISO e PM1 > 65 %	pentru - suitable for <b>BRUCEC1000</b>
<b>GFTBRUC1500</b>	F7 ISO e PM1 > 65 %	pentru - suitable for <b>BRUCEC2000</b>
<b>GFTBRUC2500</b>	F7 ISO e PM1 > 65 %	pentru - suitable for <b>BRUCEC3500</b>
<b>GFTBRUC3500</b>	F7 ISO e PM1 > 65 %	pentru - suitable for <b>BRUCEC4500</b>

Se montează în unitate în loc de filtrele G4. Preț pe bucată  
Installable in side the unit instead of G4 series filters. Price for pieces

**SET FILTRI G4 | G4 SET FILTER**

Model   Model	Eficiență   Efficiency	€
<b>FABRUCEC0700</b>	G4 ISO COARSE > 65 %	
<b>FABRUCEC1000</b>	G4 ISO COARSE > 65 %	
<b>FABRUCEC2000</b>	G4 ISO COARSE > 65 %	
<b>FABRUCEC3500</b>	G4 ISO COARSE > 65 %	
<b>FABRUCEC4500</b>	G4 ISO COARSE > 65 %	

Preț pentru set de 2 filtre | Price for set of 2 filters

# BRUCEC

## AUTOMATIZARE (funcții) | CONTROL SYSTEM (control functions)

	CTRBASIC BRUCEC	CTR2 BRUCEC	CTR3 BRUCEC	CTR4 BRUCEC	CTR5 BRUCEC	CTR6 BRUCEC	CTR7 BRUCEC	CTR8 BRUCEC	CTR9 BRUCEC
Sistem management automat al by-pass Automatic heat exchanger by-pass management	•	•	•	•	•	•	•	•	•
Monitorizare colmatare filtre cu presostate diferențiale Dirty filter monitoring with differential pressure switches	•	•	•	•	•	•	•	•	•
Control proporțional al vitezei ventilatorului Proportional fan speed control	•	•	•	•	•	•	•	•	•
STOP unitate de la distanță (alarmă foc) Remote fire STOP unit input	•	•	•	•	•	•	•	•	•
ON / OFF unitate, de la distanță Remote unit ON / OFF input	•	•	•	•	•	•	•	•	•
Programator zilnic/saptămănal Daily/weekly programming timer	•	•	•	•	•	•	•	•	•
Comunicare MODBUS RS485 MODBUS RS485 communication	•	•	•	•	•	•	•	•	•
Leșire semnal defecțiune unitate Generic unit failure output		•	•	•	•			•	•
Stare ON / OFF comunicată la distanță Unit ON / OFF status output		•	•	•	•			•	•
Stare funcționare vară/iarnă comunicată la distanță Summer / winter status output			•	•	•			•	•
Control baterie de apă (vană cu 3 căi motorizată inclusă) Water coil control (motorized valve included)		•				•	•		
Control baterie electrică (FĂRĂ cutie de alimentare electrică a bateriei). Cutie electrică alimentare baterie electrică, vezi tabel PBEB Electric battery control (excluding power electric box). Price power electric box table below			•					•	•
Control viteză ventilator în funcție de senzorul de CO <sub>2</sub> (senzor inclus), instalat pe unitate Fan speed control from CO <sub>2</sub> probe (included) installed on the machine				•		•		•	
Control viteză ventilator în funcție de umiditate (senzor inclus) Fan speed control from humidity probe (included)					•		•		•



**AUTOMATIZARE (descriere) | CONTROL SYSTEM (description)**

Sistem de control al unității, montat din fabrică în interiorul acesteia, cu următoarele elemente:

- Alimentare electrică și cutie automatizare.
- Control și automatizare a sistemelor unității.
- Terminal de control la distanță, până la 20 m.  
(Sistem indisponibil după livrarea unității)



Control system wired on board the machine and tested in the factory complete with:

- Electric power and automation box.
- Control and automation devices on the machine.
- Operator terminal remotable up to 20 meters long.  
(System not available after unit delivery)



**PREȚURI | PRICES**

Model   Model	€
<b>CTRBASICBRUCEC</b>	
<b>CTR2BRUCEC</b>	
<b>CTR3BRUCEC</b>	
<b>CTR4BRUCEC</b>	
<b>CTR5BRUCEC</b>	
<b>CTR6BRUCEC</b>	
<b>CTR7BRUCEC</b>	
<b>CTR8BRUCEC</b>	
<b>CTR9BRUCEC</b>	

Alte sisteme de control sunt disponibile la cerere  
Other control systems available on request

**CUTIE ELECTRICĂ ALIMENTARE BATERIE ELECTRICĂ | POWER ELECTRIC BOX ELECTRIC BATTERY**

Model   Model	Kw	€
<b>BRUCQE45</b>	4,5	
<b>BRUCQE66</b>	6,6	
<b>BRUCQE105</b>	10,5	
<b>BRUCQE150</b>	15	

