BRUC

BRUC**1000**

BRUC**1500**

BRUC**2000**

BRUC**2500**

BRUC**3500**



GEWERBLICHE WÄRMERÜCKGEWINNUNGSEINHEIT MIT SEHR HOHER EFFIZIENZ AUTOMATISCHER BYPASS INKLUSIVE

Wärmerückgewinner: Gegenstrom, vollständig aus Aluminium gefertigt. An diesem ist ein Behälter für die Kondensatableitung vorgesehen.

Struktur: Der Tragrahmen besteht aus Aluminiumprofilen und schalldämmenden Sandwichpaneelen. Die Geräte sind mit abnehmbaren Verkleidungen ausgestattet, um Zugang zum Innenraum zu erhalten und ordentliche und außerordentliche Wartungsarbeiten durchzuführen.

Ventilatoren: RadialVentilatoren mit doppeltem Ansaugsystem und direkt gekoppeltem Elektromotor. Die Motoren haben 3 Geschwindigkeitsstufen, während die Laufräder sowohl statisch als auch dynamisch ausgewuchtet sind, um Vibrationen und Geräusche auf ein Minimum zu reduzieren.

Filter: Die Geräte sind serienmäßig mit gewellten Filterzellen aus Kunstfaser der Klasse G4, einem verzinkten Stahlrahmen und Schutzgittern aus verzinktem Stahldraht ausgestattet.

COMMERCIAL HEAT RECOVERY UNIT WITH VERY HIGH EFICIENCY AUTOMATIC BY-PASS INCLUDED

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: centrifugal double suction with an electric motor directly couple. The motors are 3 speed while the wheels are both statically and dynamically balanced to minimize vibration and noise.

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.

	BRUC 1000	BRUC 1500	BRUC 2000	BRUC 2500	BRUC 3500
Luftdurchsatz (m³/h) | Nominal air flow (mc/h)	1000	1500	2000	2500	3500
Nutzbarer statischer Druck (pa) | Useful static pressure (pa)	170	200	180	240	150
DIREKT GEKOPPELTER VENTILATOR (Daten für einzelnen Ventilator) | FANS (data for eac fan)					
Nennleistung (w) | Installed power (W)	373	373	373	550	750
Pole (Anz.) | Poles (nr)	4	4	4	4	4
Umdrehungen (1/min) | Round (1/min)	1130	1130	1130	1400	1400
I Nennstrom (A) | Current (A)	2,75	2,75	2,75	4,0	7,8
Spannung (V) | Rated voltage (V)	230	230	230	230	230
Frequenz (Hz) | Frequency (HZ)	50	50	50	50	50
Geschwindigkeit (Anz.) | Speeds (nr)	3	3	3	3	3
FILTER | FILTERS					
Gewellte Acrylfilter Effizienz | Corrugated acrylic efficiency			G4 ISO COARSE > 65 %		

Bei Außentemperaturen < -3 °C ist eine Vorwärmung erforderlich | With fresh air temperature < -3°C it is necessary pre-heating

ÖKODESIGN-DATEN | ECODESIGN DATA SHEET

Modell Model	Effizienz Efficiency	NennLuftdurchsatz Nominal air flow	Nutzbarer statischer Druck Useful static pressure	SFPInt	SFP-2018	Frontale Geschwindigkeit Front Speed	Ventilator-Effizienz Fan efficiency	Interne Leakage Internal leakage	Externe Leakage External leakage
	%	mc/h	pa	w/m³/s	w/m³/s	m/s	%	%	%
BRUC1000	81,6	1000	170	1430,3	1496,3	1,56	28,8	7,3	5,5
BRUC1500	81,3	1500	200	1253,7	1466,5	1,54	35,9	6,8	4,6
BRUC2000	81,3	2000	180	1286,4	1445,6	1,59	33,9	5,9	4,1
BRUC2500	81,5	2500	240	1244,2	1430,8	1,56	34,1	5,7	3,7
BRUC3500	80,6	3500	150	1200,5	1362,1	1,58	32,3	5,3	3,2

LW-LEISTUNGSPEGEL DER VOM GEHÄUSE AUSGESENDETEN SCHALLLEISTUNG
SOUND POWER LW RADIATED FROM THE CASING SHEET

Messdaten bei maximaler Geschwindigkeit | Data measured at maximum speed
Frequenz | Frequency (Hz)

	125	250	500	1000	2000	4000	8000	LwdB(A)
BRUC1000	59	61,2	55,4	52,3	42,6	37,3	39,8	57,6
BRUC1500	64,1	69,5	61,4	51,1	44,6	39,1	37,8	63,3
BRUC2000	63,8	72,2	64,5	56,1	48	41,3	40,8	66,2
BRUC2500	71,3	75	67,8	57,5	51,2	42,6	43,2	69,2
BRUC3500	72,2	77,1	69,1	60,2	54,4	44,2	45,1	70,9

LW-LEISTUNGSPEGEL DER VOM VENTILATOR AUSGESENDETEN SCHALLLEISTUNG
SOUND POWER LW RADIATED FROM THE FAN

Messdaten bei maximaler Geschwindigkeit | Data measured at maximum speed
Frequenz | Frequency (Hz)

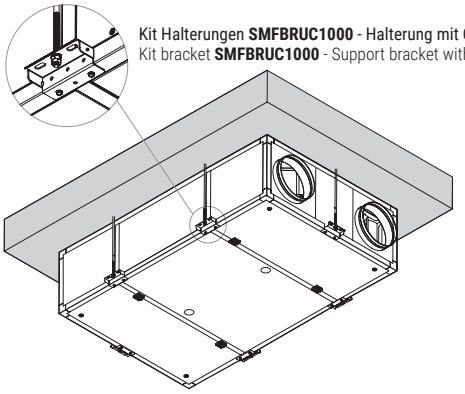
	125	250	500	1000	2000	4000	8000	LwdB(A)
BRUC1000	60,2	69	62,7	56,6	57,9	52,4	61,3	66,6
BRUC1500	68,2	79,1	73,7	67,3	65,2	59,4	64,8	75,5
BRUC2000	71,3	81,6	76,5	76,1	71	65,8	73,9	80,9
BRUC2500	73,2	79	76,9	75,4	70,6	69	73,5	80,5
BRUC3500	74,7	80,6	79	77,3	72,4	70,8	75,1	81,9

ZEICHNUNGEN | DRAWINGS

BRUC1000

HORIZONTALE INSTALLATION | HORIZONTAL INSTALLATION

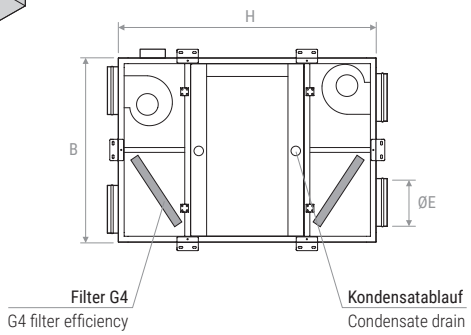
GEWICHT | WEIGHT: **160 kg**



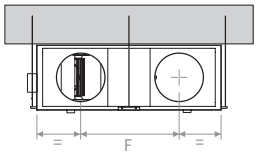
Kit Halterungen **SMFBRUC1000** - Halterung mit Ösen Ø9 (optional)
Kit bracket **SMFBRUC1000** - Support bracket with slot Ø9 (optional)

Die für die Befestigung des Bügels am Gerät zu verwendenden Schrauben sind selbstbohrende Schrauben 4,8x25 mm mit Sechskantkopf (nicht im Lieferumfang enthalten).
The screws to be used to fix the bracket to the unit are 4.8x25 mm self-drilling screws with hex heads (not included)

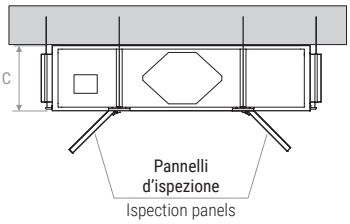
Ansicht von unten | Bottom view



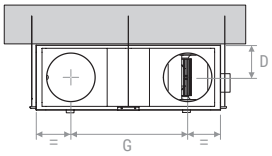
Vorderansicht | Front view



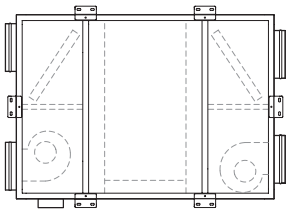
Seitenansicht | Side view



Rückansicht | Rear view



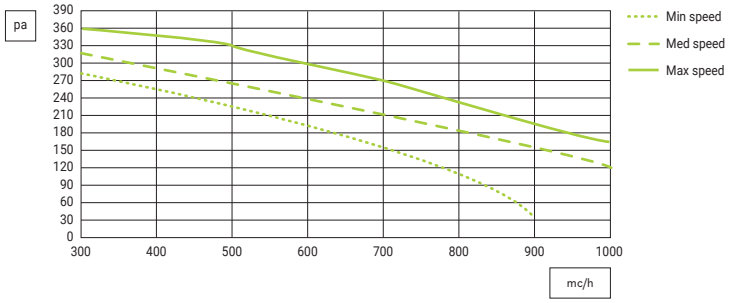
Ansicht von oben | Top view



	H	B	C	D	ØE	F	G
mm	1800	1000	430	175	250	485	485

LEISTUNGSDIAGRAMME | PERFORMANCE CHARTS

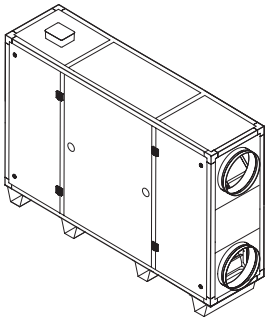
Nutzbarer statischer Druck
Useful static pressure



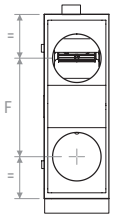
ZEICHNUNGEN | DRAWINGS

BRUC1000

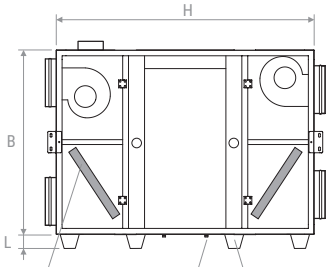
VERTIKALE INSTALLATION | VERTICAL INSTALLATION



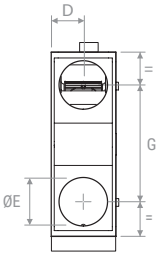
Seitenansicht rechts
Right side view



Inspektionsseite
Inspection side



Seitenansicht links
Left side view

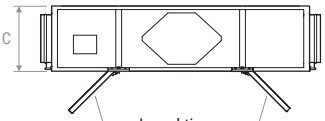


Filter G4
G4 filter efficiency

Kondensatablauf
Condensate drain

Auflagepunkt-Set **MSPBRUC1000**
Kit support points **MSPBRUC1000**

Draufsicht | Upper view



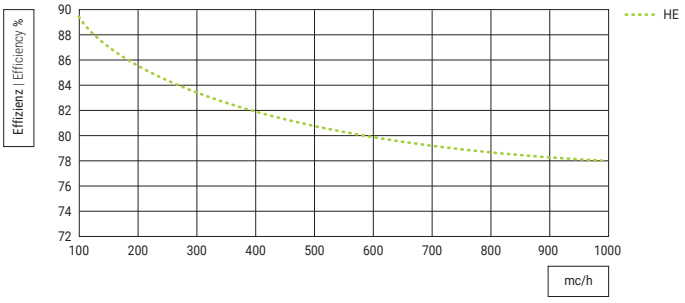
Inspektions-
klappen
Ispection panels

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

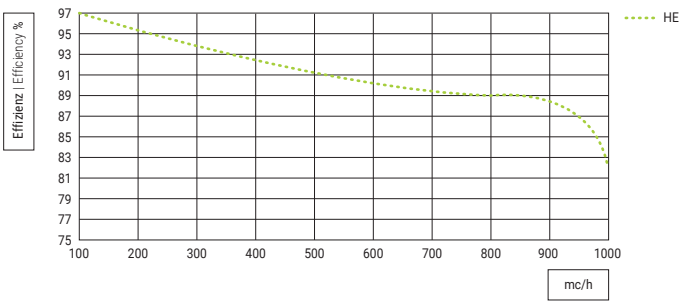
LEISTUNGSDIAGRAMME | PERFORMANCE CHARTS

WÄRMETAUSCHER ZERTIFIZIERT NACH EN 308 | HEAT EXCHANGER EN 308 CERTIFIED

Sommerwirkungsgrad-Diagramm
Außenluft: 32 °C / 50 % R.F.
Raumluft: 26 °C / 50 % R.F.
Summer efficiency chart
Fresh air: 32 °C / 50 % R.H.
Return air: 26 °C / 50 % R.H.



Winterwirkungsgrad-Diagramm
Außenluft: - 5 °C / 80 % R.F.
Raumluft: 20 °C / 50 % R.F.
Winter efficiency chart
Fresh air: -5 °C / 80 % R.H.
Return air: 20 °C / 50 % R.H.

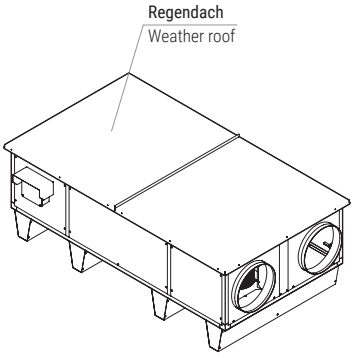


PROFESSIONAL

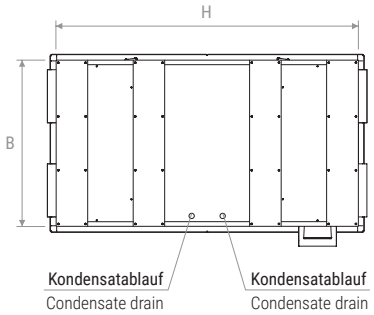
ZEICHNUNGEN | DRAWINGS **BRUC1000**

HORIZONTALE AUSSENINSTALLATION | HORIZONTAL EXTERNAL INSTALLATION

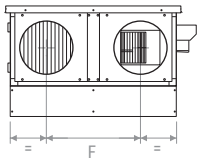
GEWICHT | WEIGHT: **170 kg**



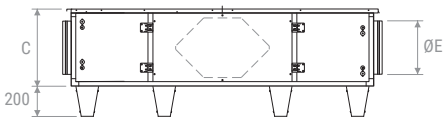
Ansicht von unten | Bottom view



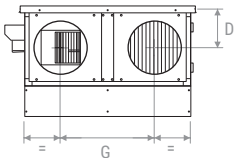
Vorderansicht | Front view



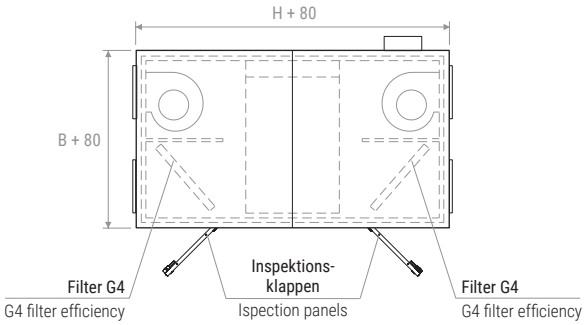
Seitenansicht | Side view



Rückansicht | Rear view



Ansicht von oben | Top view

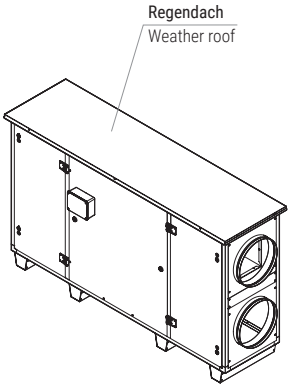


	H	B	C	D	ØE	F	G
mm	1800	1000	430	175	250	485	485

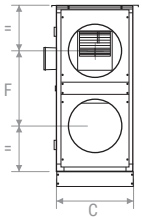
ZEICHNUNGEN | DRAWINGS

BRUC1000

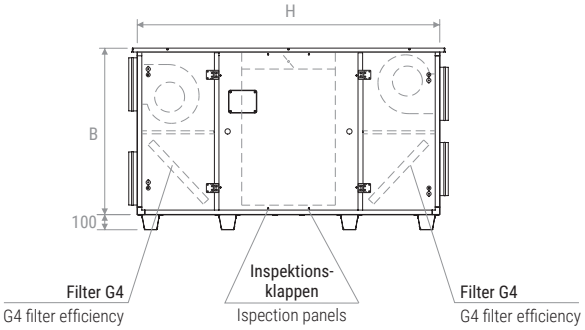
VERTIKALE AUSSENINSTALLATION | VERTICAL EXTERNAL INSTALLATION



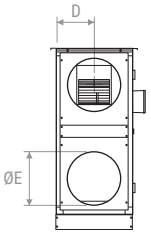
Vorderansicht | Front view



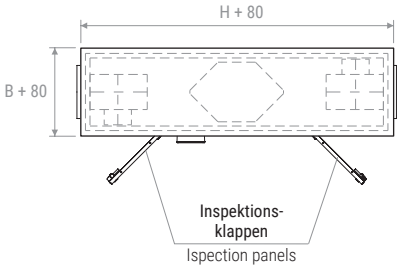
Inspektionsseite | Inspection side



Rückansicht | Rear view



Draufsicht | Upper view



	H	B	C	D	ØE	F	G
mm	1800	1000	430	175	250	485	485

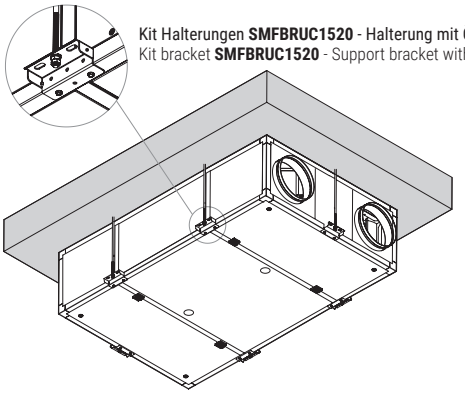
PROFESSIONAL

ZEICHNUNGEN | DRAWINGS

BRUC1500

HORIZONTALE INSTALLATION | HORIZONTAL INSTALLATION

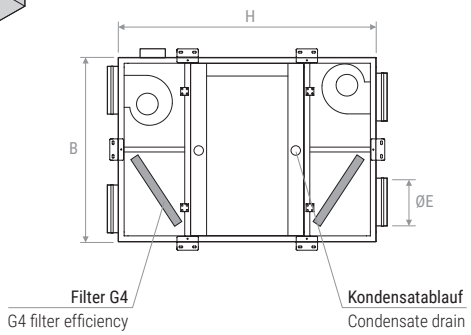
GEWICHT | WEIGHT: **185 kg**



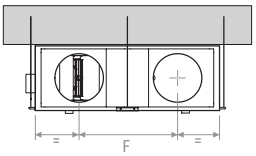
Kit Halterungen **SMFBRUC1520** - Halterung mit Ösen Ø9 (optional)
Kit bracket **SMFBRUC1520** - Support bracket with slot Ø9 (optional)

Die für die Befestigung des Bügels am Gerät zu verwendenden Schrauben sind selbstbohrende Schrauben 4,8x25 mm mit Sechskantkopf (nicht im Lieferumfang enthalten).
The screws to be used to fix the bracket to the unit are 4.8x25 mm self-drilling screws with hex heads (not included)

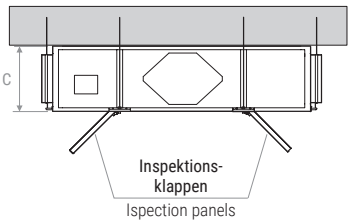
Ansicht von unten | Bottom view



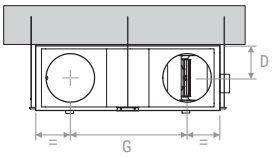
Vorderansicht | Front view



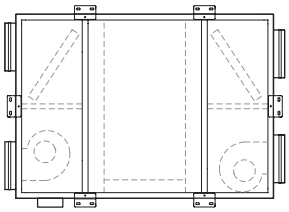
Seitenansicht | Side view



Rückansicht | Rear view



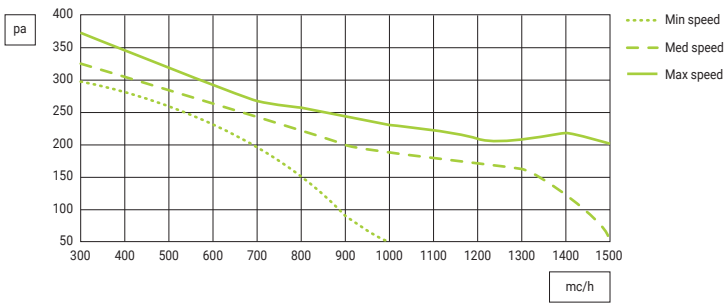
Ansicht von oben | Top view



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

LEISTUNGSDIAGRAMME | PERFORMANCE CHARTS

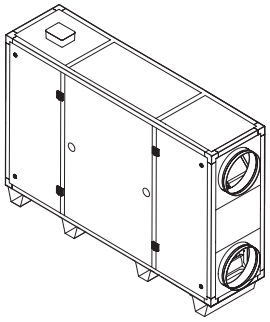
Nutzbarer statischer Druck
Useful static pressure

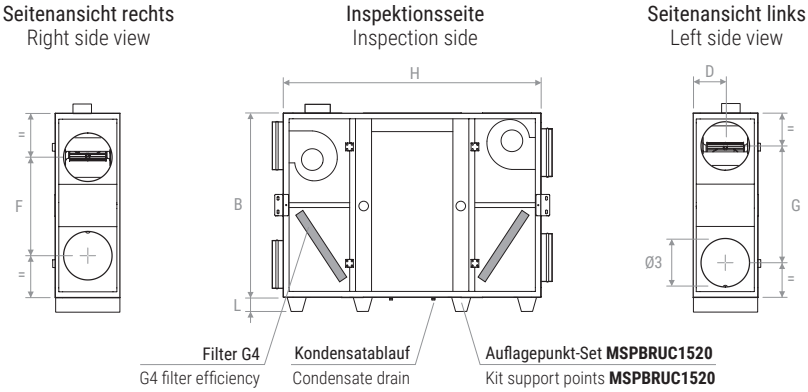


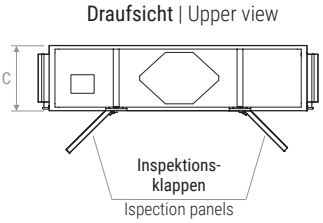
ZEICHNUNGEN | DRAWINGS

BRUC1500

VERTIKALE INSTALLATION | VERTICAL INSTALLATION





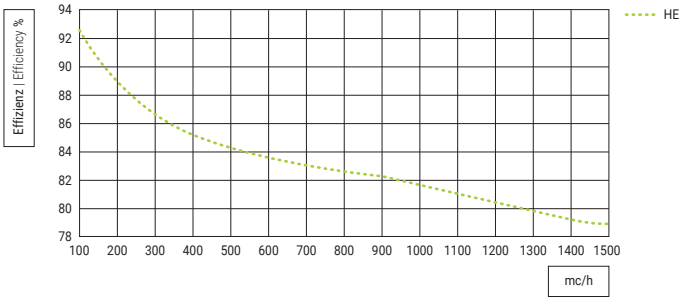


	H	B	C	D	ØE	F	G	L
mm	2000	1100	510	255	355	498	622	100

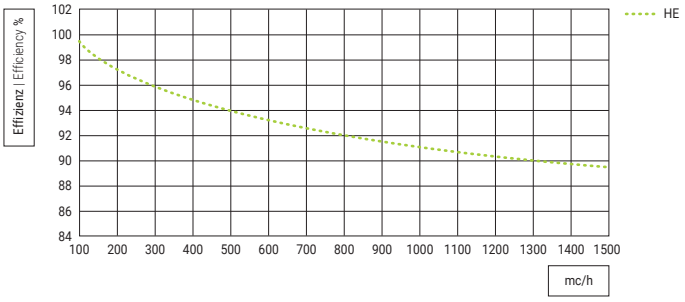
LEISTUNGSDIAGRAMME | PERFORMANCE CHARTS

WÄRMETAUSCHER ZERTIFIZIERT NACH EN 308 | HEAT EXCHANGER EN 308 CERTIFIED

Sommerwirkungsgrad-Diagramm
Außenluft: 32 °C / 50 % R.F.
Raumluft: 26 °C / 50 % R.F.
Summer efficiency chart
Fresh air: 32 °C / 50 % R.H.
Return air: 26 °C / 50 % R.H.



Winterwirkungsgrad-Diagramm
Außenluft: - 5 °C / 80 % R.F.
Raumluft: 20 °C / 50 % R.F.
Winter efficiency chart
Fresh air: -5 °C / 80 % R.H.
Return air: 20 °C / 50 % R.H.



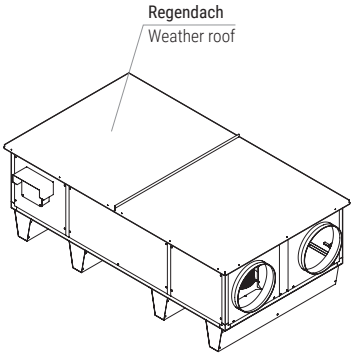
PROFESSIONAL

DISEGNI | DRAWINGS

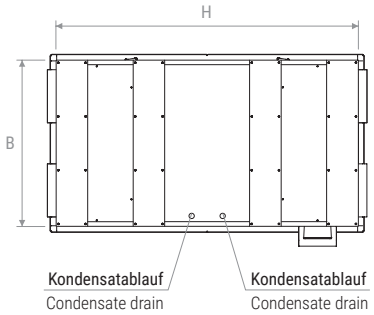
BRUC1500

HORIZONTALE AUSSENINSTALLATION | HORIZONTAL EXTERNAL INSTALLATION

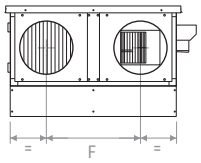
PESO | WEIGHT: **195 kg**



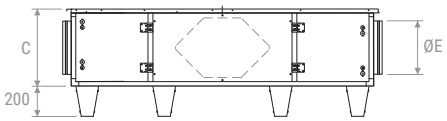
Ansicht von unten | Bottom view



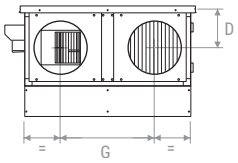
Vorderansicht | Front view



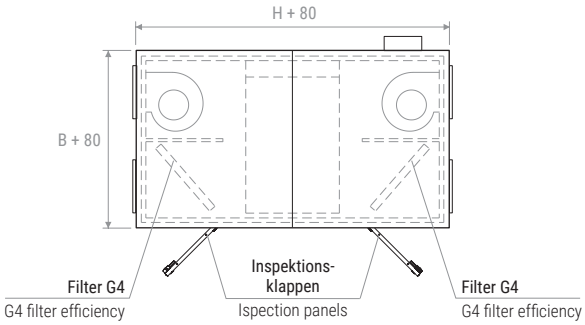
Seitenansicht | Side view



Rückansicht | Rear view



Ansicht von oben | Top view

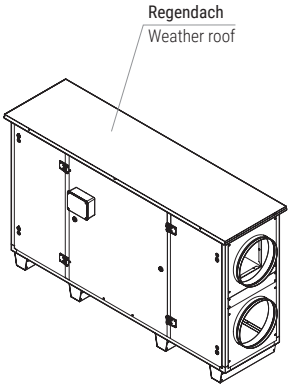


	H	B	C	D	ØE	F	G
mm	2000	1100	510	255	355	498	622

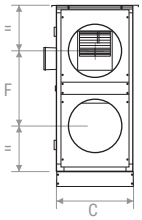
DISEGNI | DRAWINGS

BRUC1500

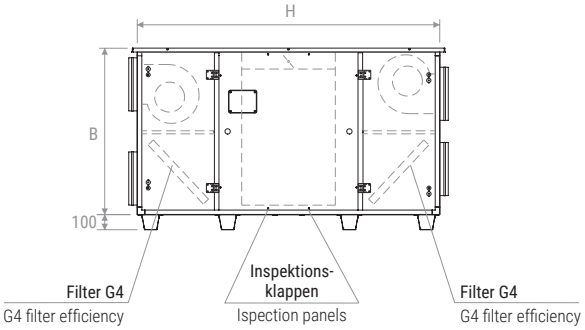
VERTIKALE AUSSENINSTALLATION | VERTICAL EXTERNAL INSTALLATION



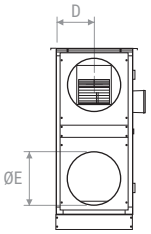
Vorderansicht | Front view



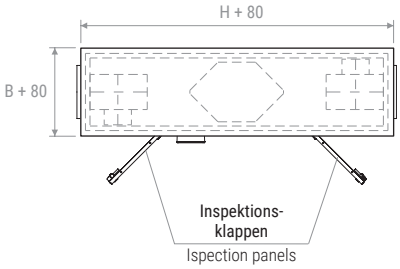
Inspektionsseite | Inspection side



Rückansicht | Rear view



Draufsicht | Upper view



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

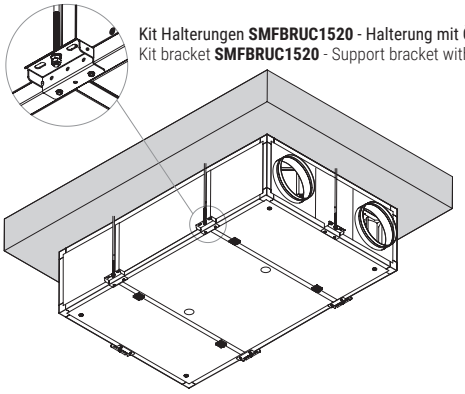
PROFESSIONAL

ZEICHNUNGEN | DRAWINGS

BRUC2000

HORIZONTALE INSTALLATION | HORIZONTAL INSTALLATION

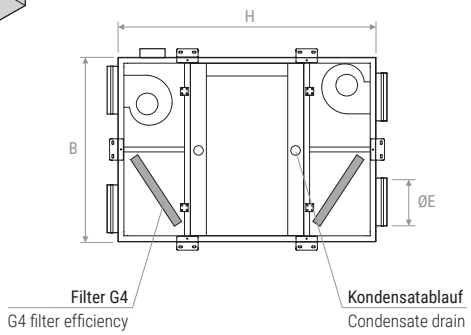
GEWICHT | WEIGHT: **230 kg**



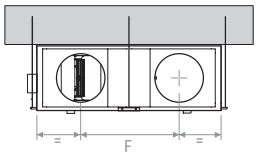
Kit Halterungen **SMFBRUC1520** - Halterung mit Ösen Ø9 (optional)
Kit bracket **SMFBRUC1520** - Support bracket with slot Ø9 (optional)

Die für die Befestigung des Bügels am Gerät zu verwendenden Schrauben sind selbstbohrende Schrauben 4,8x25 mm mit Sechskantkopf (nicht im Lieferumfang enthalten).
The screws to be used to fix the bracket to the unit are 4.8x25 mm self-drilling screws with hex heads (not included)

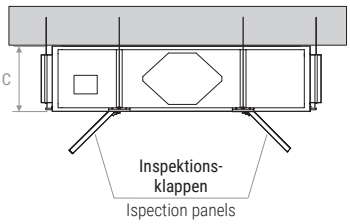
Ansicht von unten | Bottom view



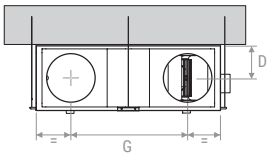
Vorderansicht | Front view



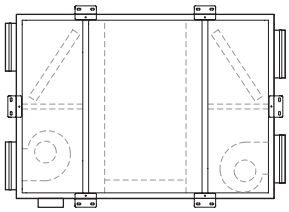
Seitenansicht | Side view



Rückansicht | Rear view



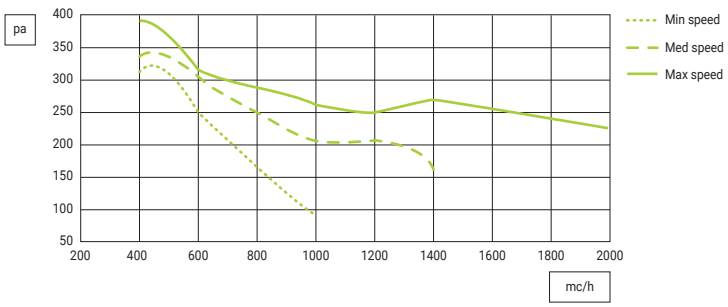
Ansicht von oben | Top view



	H	B	C	D	ØE	F	G
mm	2000	1400	510	255	355	798	922

LEISTUNGSDIAGRAMME | PERFORMANCE CHARTS

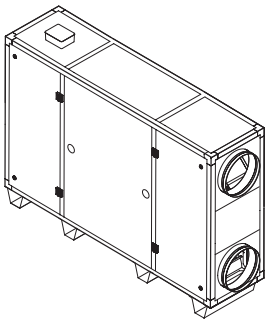
Nutzbarer statischer Druck
Useful static pressure



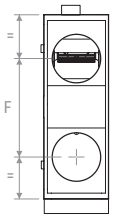
ZEICHNUNGEN | DRAWINGS

BRUC2000

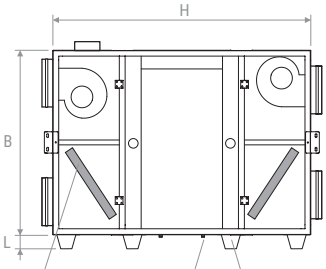
VERTIKALE INSTALLATION | VERTICAL INSTALLATION



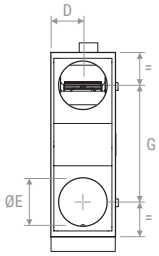
Seitenansicht rechts
Right side view



Inspektionsseite
Inspection side



Seitenansicht links
Left side view

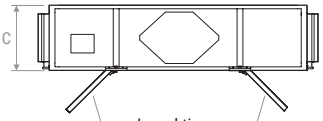


Filter G4
G4 filter efficiency

Kondensatablauf
Condensate drain

Auflagepunkt-Set **MSPBRUC1520**
Kit support points **MSPBRUC1520**

Draufsicht | Upper view



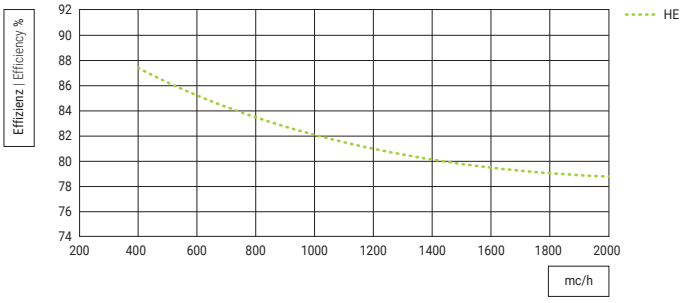
Inspektions-
klappen
Ispection panels

	H	B	C	D	ØE	F	G	L
mm	2000	1400	510	255	355	798	922	100

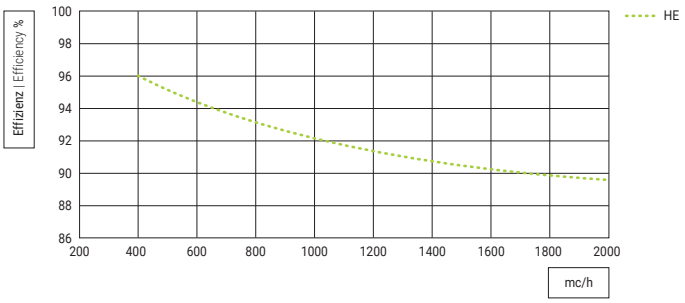
LEISTUNGSDIAGRAMME | PERFORMANCE CHARTS

WÄRMETAUSCHER ZERTIFIZIERT NACH EN 308 | HEAT EXCHANGER EN 308 CERTIFIED

Sommerwirkungsgrad-Diagramm
Außenluft: 32 °C / 50 % R.F.
Raumluft: 26 °C / 50 % R.F.
Summer efficiency chart
Fresh air: 32 °C / 50 % R.H.
Return air: 26 °C / 50 % R.H.



Winterwirkungsgrad-Diagramm
Außenluft: - 5 °C / 80 % R.F.
Raumluft: 20 °C / 50 % R.F.
Winter efficiency chart
Fresh air: -5 °C / 80 % R.H.
Return air: 20 °C / 50 % R.H.

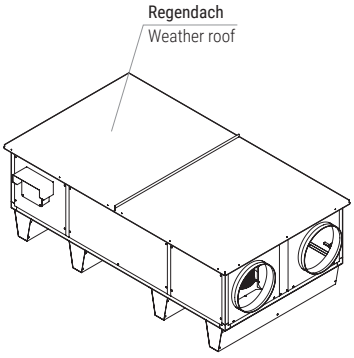


PROFESSIONAL

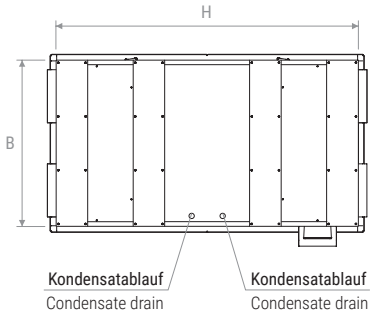
ZEICHNUNGEN | DRAWINGS **BRUC2000**

HORIZONTALE AUSSENINSTALLATION | HORIZONTAL EXTERNAL INSTALLATION

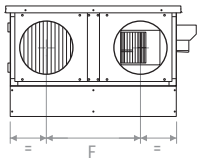
GEWICHT | WEIGHT: **240 kg**



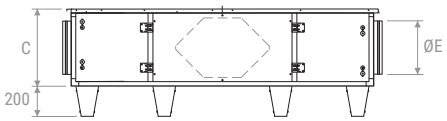
Ansicht von unten | Bottom view



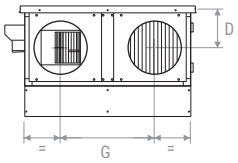
Vorderansicht | Front view



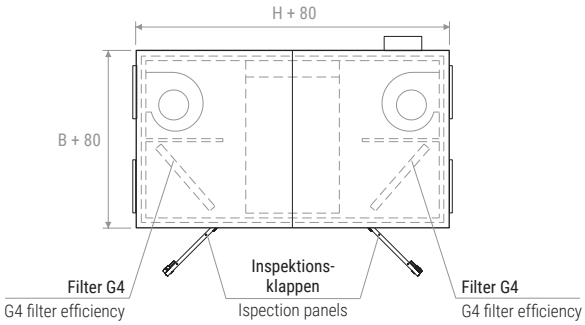
Seitenansicht | Side view



Rückansicht | Rear view



Ansicht von oben | Top view

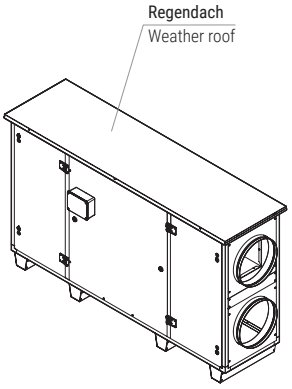


	H	B	C	D	ØE	F	G
mm	2000	1400	510	255	355	798	922

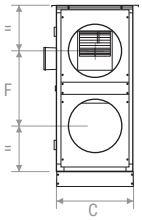
ZEICHNUNGEN | DRAWINGS

BRUC2000

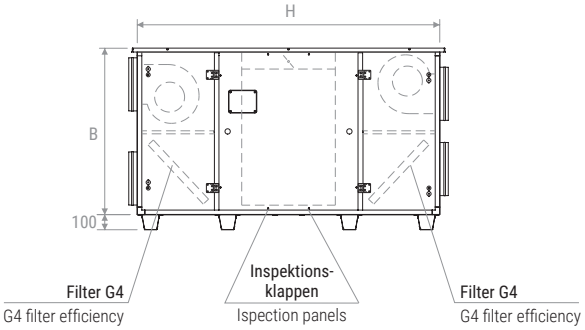
VERTIKALE AUSSENINSTALLATION | VERTICAL EXTERNAL INSTALLATION



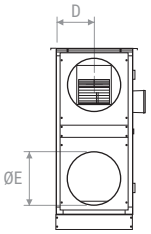
Vorderansicht | Front view



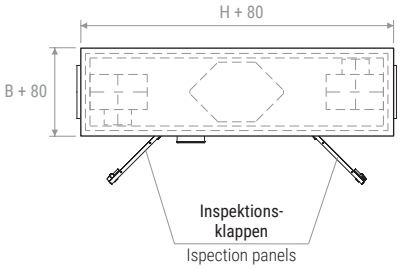
Inspektionsseite | Inspection side



Rückansicht | Rear view



Draufsicht | Upper view



	H	B	C	D	ØE	F	G
mm	2000	1400	510	255	355	798	922

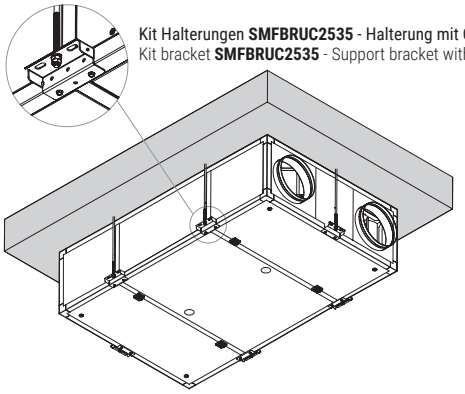
PROFESSIONAL

ZEICHNUNGEN | DRAWINGS

BRUC2500

HORIZONTALE INSTALLATION | HORIZONTAL INSTALLATION

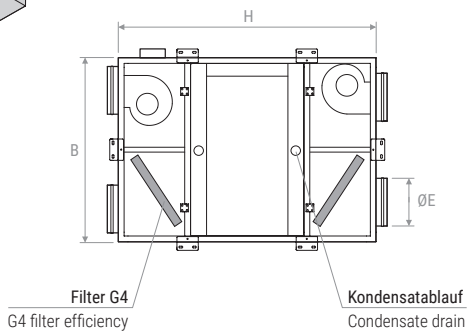
GEWICHT | WEIGHT: **310 kg**



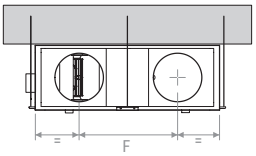
Kit Halterungen **SMFBRUC2535** - Halterung mit Ösen Ø9 (optional)
Kit bracket **SMFBRUC2535** - Support bracket with slot Ø9 (optional)

Die für die Befestigung des Bügels am Gerät zu verwendenden Schrauben sind selbstbohrende Schrauben 4,8x25 mm mit Sechskantkopf (nicht im Lieferumfang enthalten).
The screws to be used to fix the bracket to the unit are 4.8x25 mm self-drilling screws with hex heads (not included)

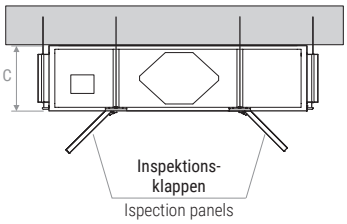
Ansicht von unten | Bottom view



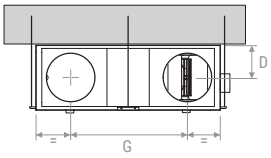
Vorderansicht | Front view



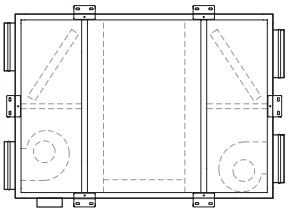
Seitenansicht | Side view



Rückansicht | Rear view



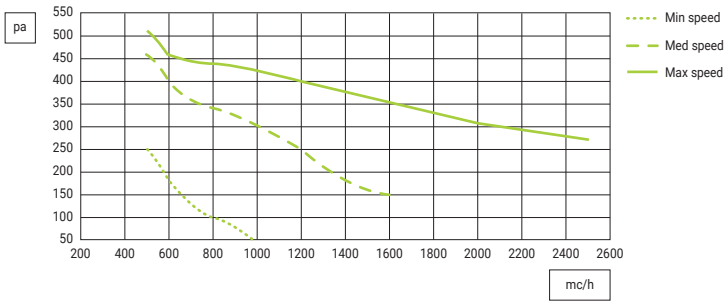
Ansicht von oben | Top view



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

LEISTUNGSDIAGRAMME | PERFORMANCE CHARTS

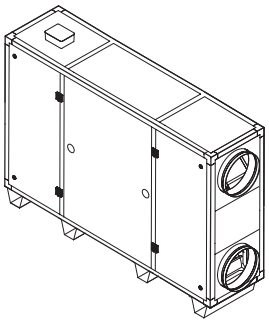
Nutzbarer statischer Druck
Useful static pressure



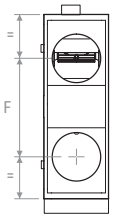
ZEICHNUNGEN | DRAWINGS

BRUC2500

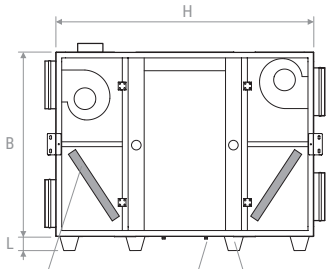
VERTIKALE INSTALLATION | VERTICAL INSTALLATION



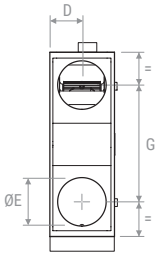
Seitenansicht rechts
Right side view



Inspektionsseite
Inspection side



Seitenansicht links
Left side view

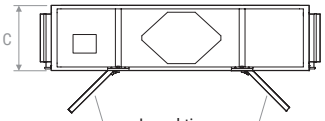


Filter G4
G4 filter efficiency

Kondensatablauf
Condensate drain

Auflagepunkt-Set **MSPBRUC2535**
Kit support points **MSPBRUC2535**

Draufsicht | Upper view



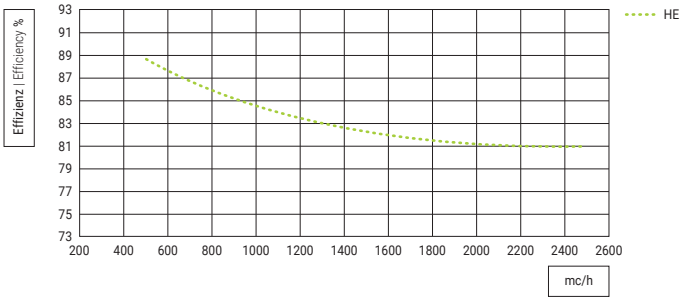
Inspektions-
klappen
Ispection panels

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

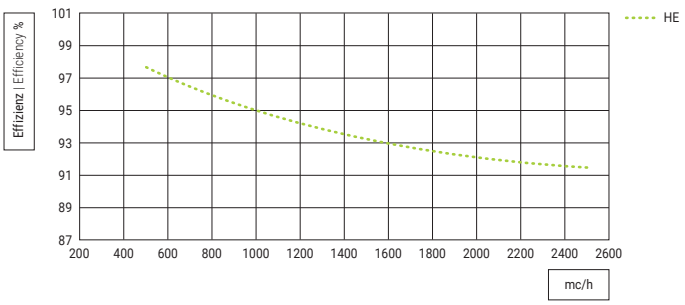
LEISTUNGSDIAGRAMME | PERFORMANCE CHARTS

WÄRMETAUSCHER ZERTIFIZIERT NACH EN 308 | HEAT EXCHANGER EN 308 CERTIFIED

Sommerwirkungsgrad-Diagramm
Außenluft: 32 °C / 50 % R.F.
Raumluft: 26 °C / 50 % R.F.
Summer efficiency chart
Fresh air: 32 °C / 50 % R.H.
Return air: 26 °C / 50 % R.H.



Winterwirkungsgrad-Diagramm
Außenluft: - 5 °C / 80 % R.F.
Raumluft: 20 °C / 50 % R.F.
Winter efficiency chart
Fresh air: -5 °C / 80 % R.H.
Return air: 20 °C / 50 % R.H.

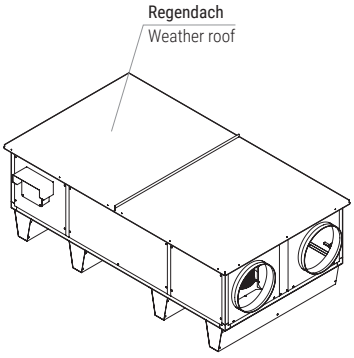


PROFESSIONAL

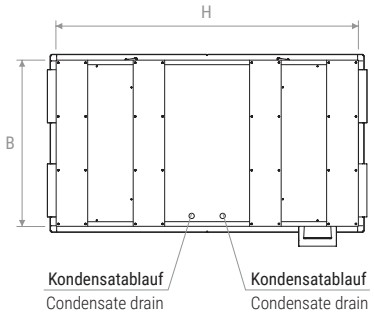
ZEICHNUNGEN | DRAWINGS **BRUC2500**

HORIZONTALE AUSSENINSTALLATION | HORIZONTAL EXTERNAL INSTALLATION

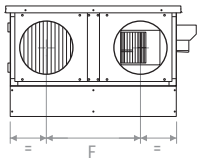
GEWICHT | WEIGHT: **320 kg**



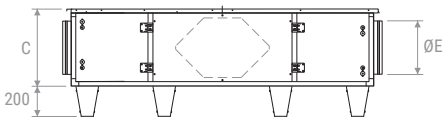
Ansicht von unten | Bottom view



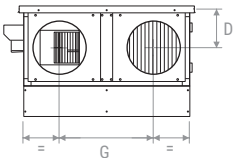
Vorderansicht | Front view



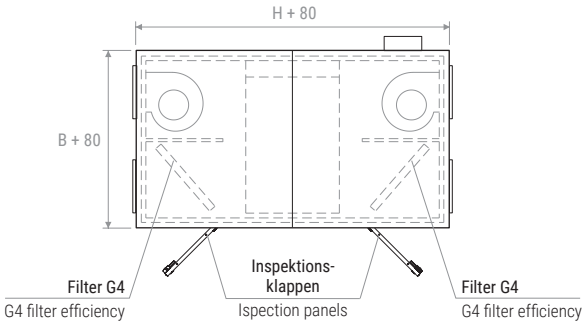
Seitenansicht | Side view



Rückansicht | Rear view



Ansicht von oben | Top view

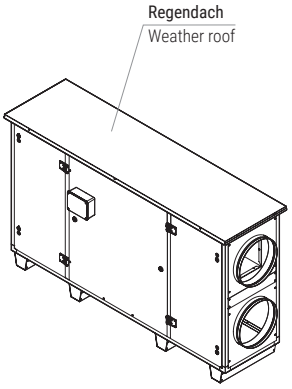


	H	B	C	D	ØE	F	G
mm	2250	1400	650	365	355	860	860

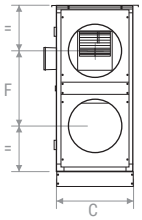
ZEICHNUNGEN | DRAWINGS

BRUC2500

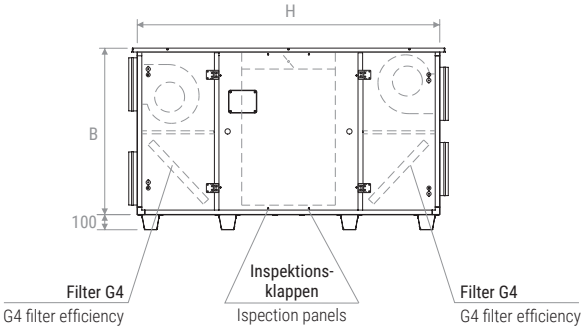
VERTIKALE AUSSENINSTALLATION | VERTICAL EXTERNAL INSTALLATION



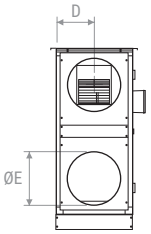
Vorderansicht | Front view



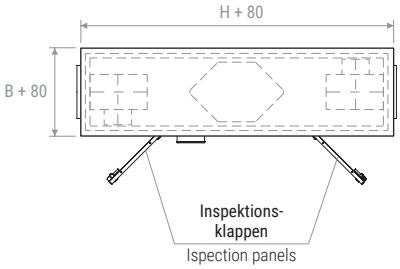
Inspektionsseite | Inspection side



Rückansicht | Rear view



Draufsicht | Upper view



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

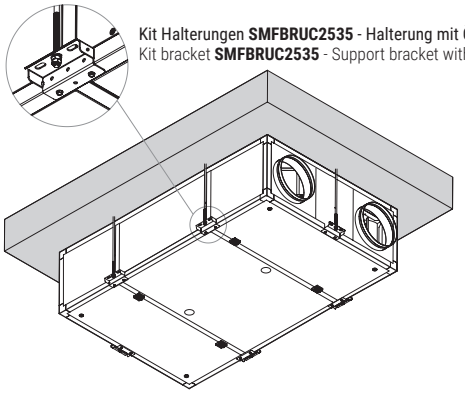
PROFESSIONAL

ZEICHNUNGEN | DRAWINGS

BRUC3500

HORIZONTALE INSTALLATION | HORIZONTAL INSTALLATION

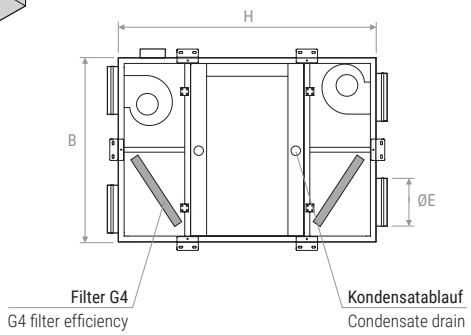
GEWICHT | WEIGHT: **350 kg**



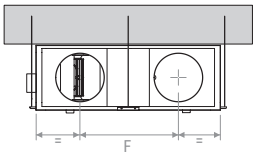
Kit Halterungen **SMFBRUC2535** - Halterung mit Ösen Ø9 (optional)
Kit bracket **SMFBRUC2535** - Support bracket with slot Ø9 (optional)

Die für die Befestigung des Bügels am Gerät zu verwendenden Schrauben sind selbstbohrende Schrauben 4,8x25 mm mit Sechskantkopf (nicht im Lieferumfang enthalten).
The screws to be used to fix the bracket to the unit are 4.8x25 mm self-drilling screws with hex heads (not included)

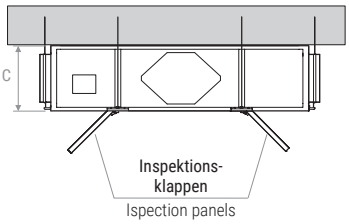
Ansicht von unten | Bottom view



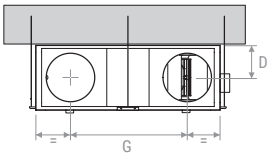
Vorderansicht | Front view



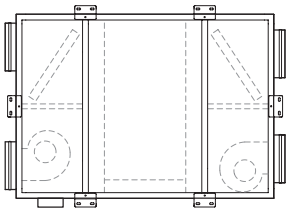
Seitenansicht | Side view



Rückansicht | Rear view



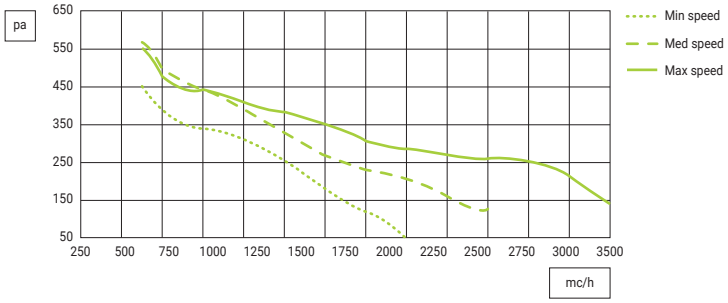
Ansicht von oben | Top view



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

LEISTUNGSDIAGRAMME | PERFORMANCE CHARTS

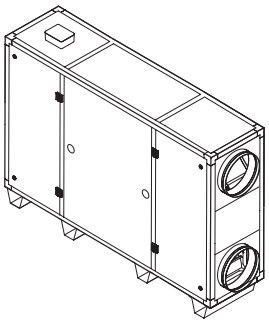
Nutzbarer statischer Druck
Useful static pressure



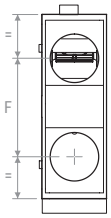
ZEICHNUNGEN | DRAWINGS

BRUC3500

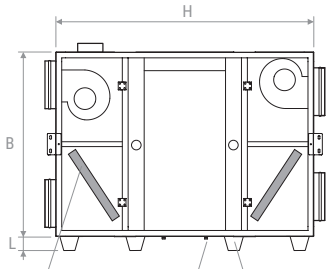
VERTIKALE INSTALLATION | VERTICAL INSTALLATION



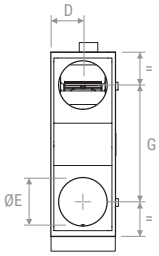
Seitenansicht rechts
Right side view



Inspektionsseite
Inspection side



Seitenansicht links
Left side view

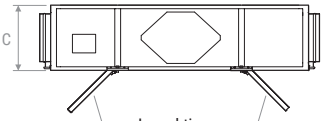


Filter G4
G4 filter efficiency

Kondensatablauf
Condensate drain

Auflagepunkt-Set **MSPBRUC2535**
Kit support points **MSPBRUC2535**

Draufsicht | Upper view



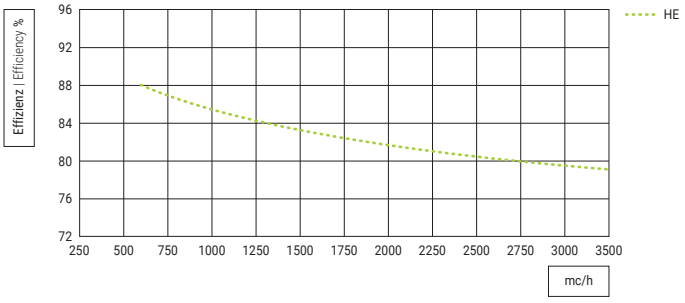
Inspektions-
klappen
Ispection panels

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

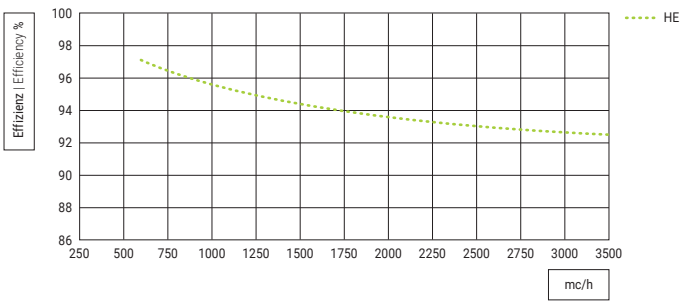
LEISTUNGSDIAGRAMME | PERFORMANCE CHARTS

WÄRMETAUSCHER ZERTIFIZIERT NACH EN 308 | HEAT EXCHANGER EN 308 CERTIFIED

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

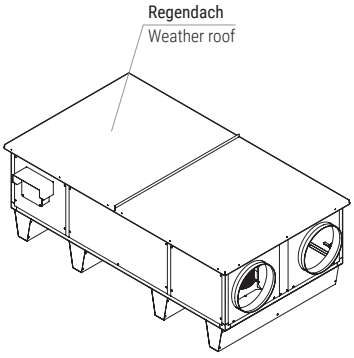


PROFESSIONAL

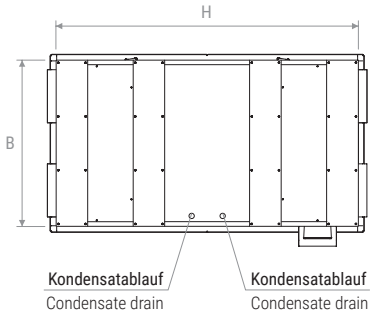
ZEICHNUNGEN | DRAWINGS **BRUC3500**

HORIZONTALE AUSSENINSTALLATION | HORIZONTAL EXTERNAL INSTALLATION

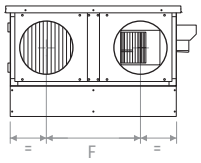
GEWICHT | WEIGHT: **360 kg**



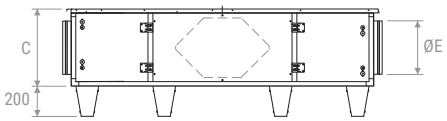
Ansicht von unten | Bottom view



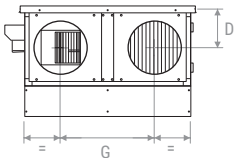
Vorderansicht | Front view



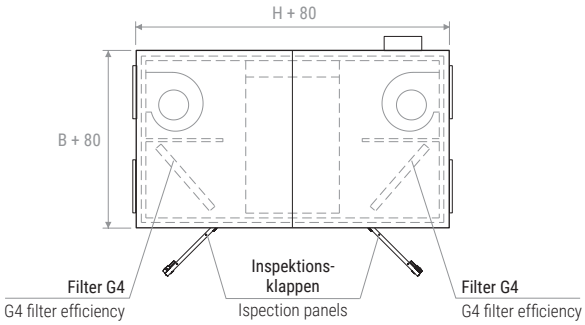
Seitenansicht | Side view



Rückansicht | Rear view



Ansicht von oben | Top view

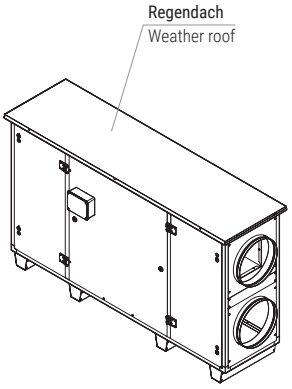


	H	B	C	D	ØE	F	G
mm	2500	1650	650	365	400	985	985

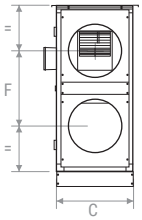
ZEICHNUNGEN | DRAWINGS

BRUC3500

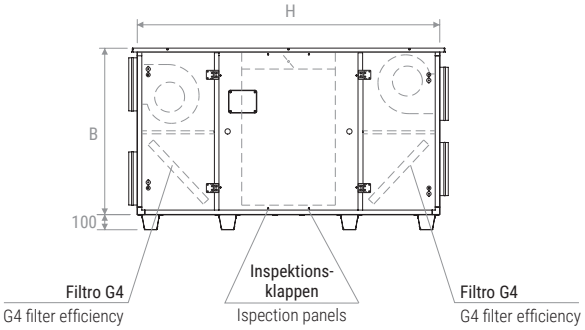
VERTIKALE AUSSENINSTALLATION | VERTICAL EXTERNAL INSTALLATION



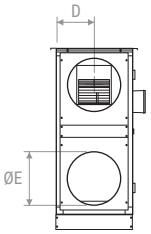
Vorderansicht | Front view



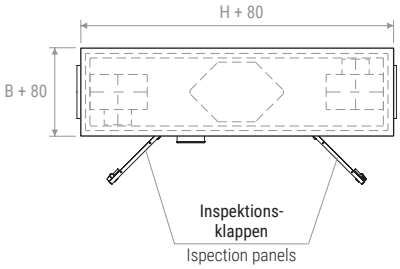
Inspektionsseite | Inspection side



Rückansicht | Rear view



Draufsicht | Upper view

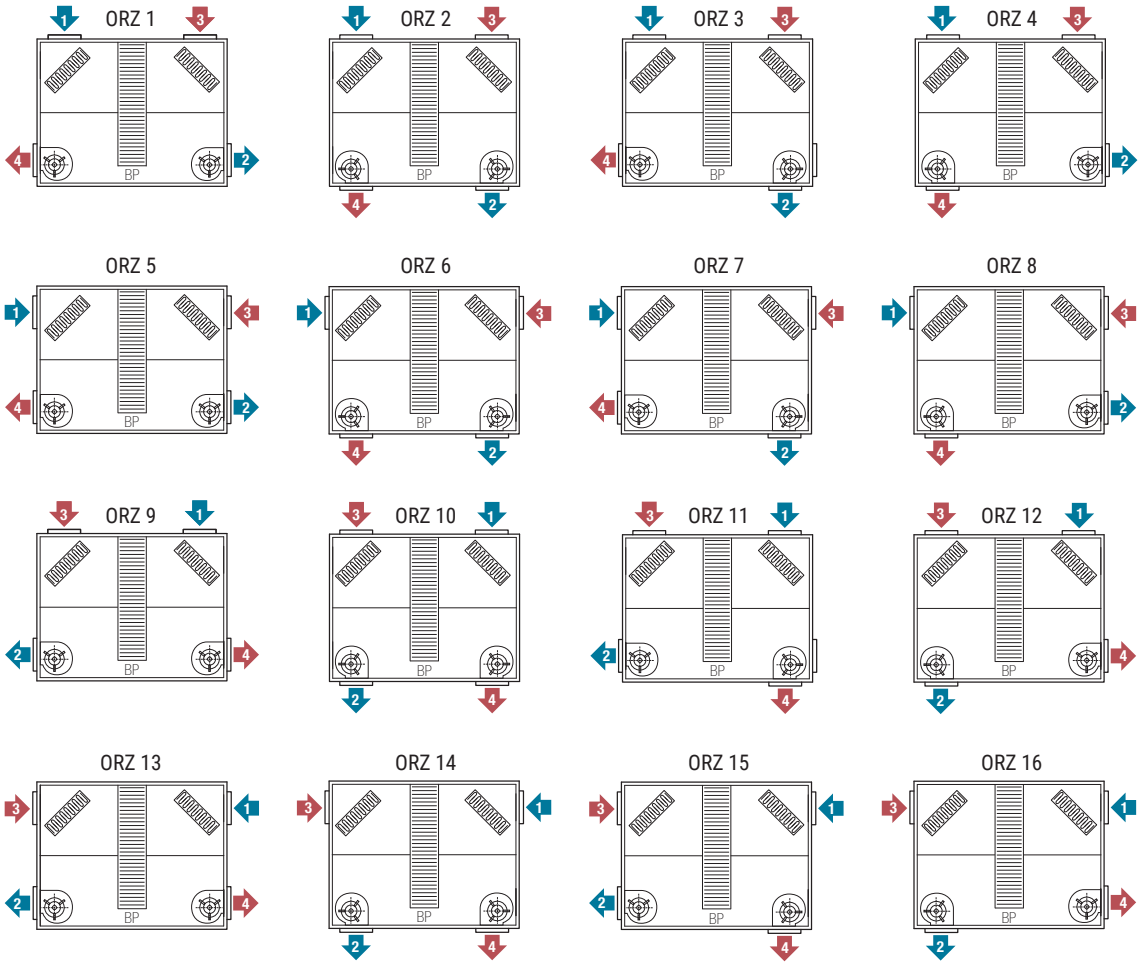


	H	B	C	D	ØE	F	G
mm	2500	1650	650	365	400	985	985

PROFESSIONAL

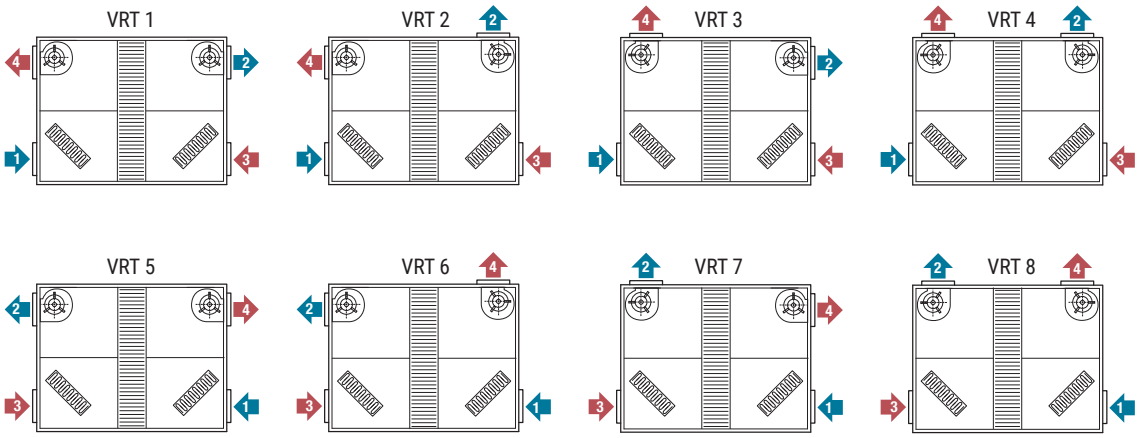
KONFIGURATION | CONFIGURATION

AUSRICHTUNG DER HORIZONTALEN VERSION (Draufsicht) | CONFIGURATIONS HORIZONTAL VERSION (top view)



ORZ 5 = STANDARD

AUSRICHTUNG VERTIKALE VERSION (Vorderansicht Inspektionsseite) | CONFIGURATIONS VERTICAL VERSION (front view inspection side)



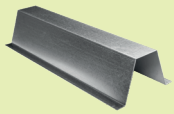
Leggenda | Legend
1 = **Außenluft** | fresh air
2 = **Zuluft** | supply
3 = **Rückluft** | return
4 = **Abluft** | exhaust air

PREISE | PRICES

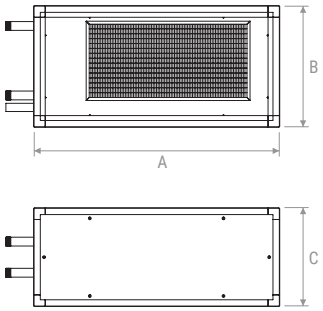
Modell | Model
BRUC1000
BRUC1500
BRUC2000
BRUC2500
BRUC3500

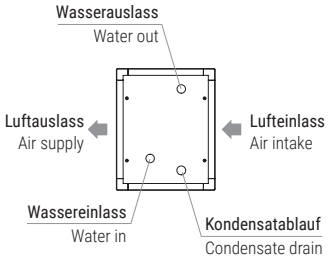
Aussenversion BRUCOE und BRUCVE Preise auf Anfrage
Outdoor version BRUCOE and BRUCVE prices on request

ZUBEHÖRE | ACCESSORIES

Modell | Model	Beschreibung | Description	
R3V		Geschwindigkeitsregler | Speed control Empfohlen werden 2 Geschwindigkeitsregler pro Einheit Racommended 2 speed controls for unit
SMFBRUC1000 **SMFBRUC1520** **SMFBRUC2535**		Halterungs-Kit für Deckenmontage | Kit brackets fot ceiling mounting
MSPBRUC1000 **MSPBRUC1520** **MSPBRUC2535**		Satz Auflagepunkte für vertikale Installation Kit support points for vertical installation

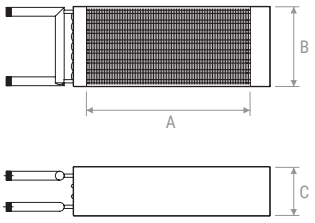
NACHBEHANDLUNGSGRUPPE SOMMER | SUMMER COOLING GROUP

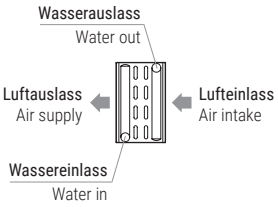




Lufteinlass: 29,5°C - 65% R.F. / Wassereinlass: 7°C / Wasserauslass: 12°C Air inlet: 29,5°C - 65% U.R. / Water in: 7°C / Water out: 12°C								Abmessungen Dimensions		
Modell | Model	Temperatur Abluft Exit air temperature	R. F. Abluft Exit air relative humidity	Leistung Capacity	Wasser-durchfluss Water flow	Druckverlust luftseitig Air pressure drop	Druckverlust wasserseitig Pressure drop water side	Durchmesser der Anschlüsse Diameter water connections	Grup-penbasis Base group	Grup-penhöhe Height group	Dicke gruppo Thickness group
	°C	%	Kw	mc/h	pa	kpa	Zoll | inches	A mm	B mm	C mm
BAFREC1000	16	96	9,21	1,6	73	12,3	3/4	750	370	300
BAFREC1500	16	96	14	2,4	66	10,6	3/4	900	430	300
BAFREC2000	16	93	18,9	3,2	68	20,6	3/4	1100	430	300
BAFREC2500	16	93	23,6	4,1	67	24,7	1	1150	490	300
BAFREC3500	16	93	33,1	5,7	62	18,9	1	1400	610	300

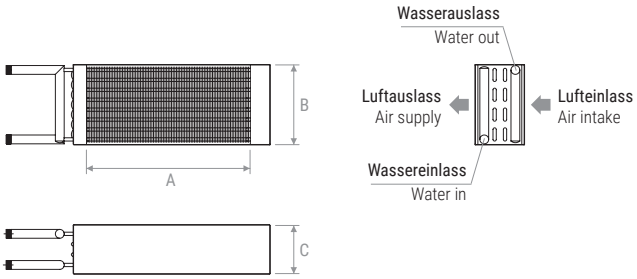
HOCHTEMPERATUR-NACHHEIZBATTERIE | POST- HEATING HIGH TEMPERATURE COIL





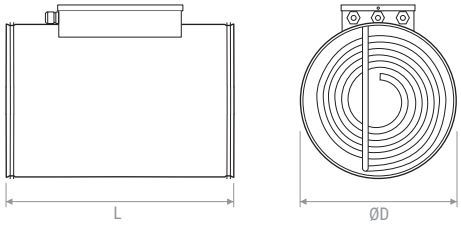
Lufteinlass: 8°C / Wassereinlass: 70°C / Wasserauslass: 60°C Air inlet: 8°C / Water in: 70°C / Water out: 60°C							Abmessungen | Dimensions		
Modell | Model	Temperatur Abluft Exit air temperature	Leistung Capacity	Durchsatz Wasser Water flow	Last-verlust luftseitig Air pressure drop	Druckverlust wasserseitig Pressure drop water side	Durchmesser der Anschlüsse Diameter water connections	Basis Luft-durchlass Base air passage	Höhe Luftdurchlass Height air passage	Dicke Thickness air passage
	°C	Kw	mc/h	pa	kpa	Zoll | inches	A mm	B mm	C mm
BRATREC1000	25	5,92	0,5	24	4,3	1/2	400	240	90
BRATREC1500	25	8,89	0,8	22	12,8	1/2	500	300	90
BRATREC2000	25	11,8	1	26	23,6	1/2	600	300	90
BRATREC2500	25	14,8	1,3	22	6	3/4	700	360	100
BRATREC3500	25	20,7	1,8	20	16,7	3/4	800	480	100

NIEDRIGTEMPERATUR-NACHHEIZBATTERIE | POST-HEATING LOW TEMPERATURE COIL



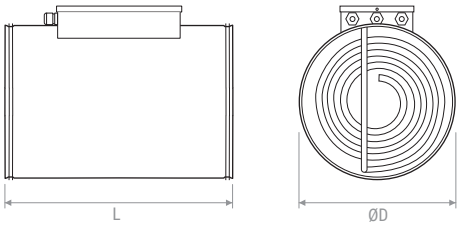
Lufteinlass: 8°C / Wassereinlass: 45°C / Wasserauslass: 40°C Air inlet: 8°C / Water in: 45°C / Water out: 40°C							Abmessungen | Dimensions		
Modell | Model	Temperatur Abluft Exit air temperature	Leistung Capacity	Wasserdurchfluss Water flow	Lastverlust luftseitig Air pressure drop	Druckverlust wasserseitig Pressure drop water side	Durchmesser Anschlüsse Diameter water connection	Basis Luftdurchlass Base air passage	Höhe Durchlass Height air passage	Dicke Thickness air passage
	°C	Kw	mc/h	pa	kpa	Zoll | inches	A mm	B mm	C mm
BRBTREC1000	30	7,67	1,3	34	7,9	3/4	500	240	150
BRBTREC1500	30	11,5	2	30	6,4	3/4	650	300	150
BRBTREC2000	30	15,3	2,7	31	12,6	3/4	850	300	150
BRBTREC2500	30	19,2	3,3	30	11,5	1	900	360	160
BRBTREC3500	30	26,8	4,7	28	15,1	1	1000	480	160

DREIPHASIGE ELEKTROBATTERIE | ELECTRICAL COIL 400 VOLT



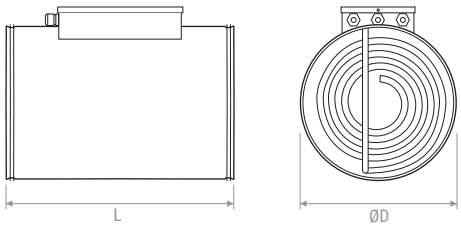
Lufteinlass: 8°C / Stromversorgung: 400 Volt - 50 Hz Air inlet: 8°C / Electrical data: 400 Volt - 50 Hz				Abmessungen | Dimensions	
Modell | Model	Ablufttemperatur Exit air temperature	Leistung Capacity	Stadien Levels	Ø D Durchmesser Diameter	L Länge Lenght
	°C	Kw	NR.	mm	mm
BETREC1000	20	4,5	3	250	370
BETREC1500	20	6,6	3	355	373
BETREC2000	20	8,4	3	355	373
BETREC2500	20	10,5	3	355	373
BETREC3500	20	15	3	400	630

EINPHASIGE ELEKTROBATTERIE | ELECTRICAL COIL 230 VOLT



Lufteinlass: 8°C / Stromversorgung: 230 Volt - 50 Hz Air inlet: 8°C / Electrical data: 230 Volt - 50 Hz				Abmessungen | Dimensions	
Modell | Model	Temperatur Abluft Exit air temperature	Leistung Capacity	Stadien Levels	Ø D Durchmesser Diameter	L Länge Lenght
	°C	Kw	NR.	mm	mm
BEMREC1000	20	4,2	3	250	370
BEMREC1500	20	6,3	3	355	373
BEMREC2000	20	8,4	3	355	373
BEMREC2500	20	10,6	3	355	373
BEMREC3500	20	15	3	400	630

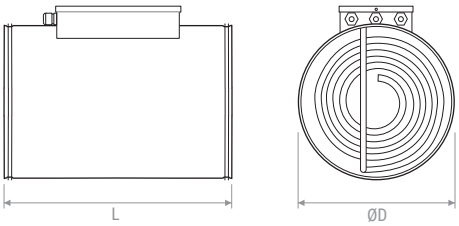
SELBSTREGELNDE DREIPHASIGE ELEKTROBATTERIE | ELECTRICAL COIL 400 VOLT SELF-REGULATING



Lufteinlass: 8°C / Stromversorgung: 400 Volt - 50 Hz Air inlet: 8°C / Electrical data: 400 Volt - 50 Hz		Abmessungen | Dimensions	
Modell | Model	Leistung Capacity	Ø D Durchmesser Diameter	L Länge Lenght
	Kw	mm	mm
BETREC025006000AR	6	250	370
BETREC035509000AR	9	355	373
BETREC035512000AR	12	355	373
BETREC035515000AR	15	355	373
BETREC035518000AR	18	355	373
BETREC040024000AR	24	400	630

Nur für den Betrieb als Vorheizbatterien geeignet | Suitable only for pre-heating battery operating

EINPHASIGE ELEKTROBATTERIE AUTOREGOLANTE | ELECTRICAL COIL 230 VOLT SELF-REGULATING



Lufteinlass: 8°C / Stromversorgung: 230 Volt - 50 Hz Air inlet: 8°C / Electrical data: 230 Volt - 50 Hz		Abmessungen | Dimensions	
Modell | Model	Leistung Capacity	Ø D Durchmesser Diameter	L Länge Lenght
	Kw	mm	mm
BEMREC025004200AR	4,2	250	370
BEMREC025006000AR	6	250	370

Nur für den Betrieb als Vorheizbatterien geeignet | Suitable only for pre-heating battery operating

HOCHEFFIZIENTE FILTER | HIGH EFFICIENCY FILTERS

Modell | Model	Effizienz | Efficiency
GFTBRUC1000	F7 ISO e PM1 > 65 %
GFTBRUC1500	F7 ISO e PM1 > 65 %
GFTBRUC2000	F7 ISO e PM1 > 65 %
GFTBRUC2500	F7 ISO e PM1 > 65 %
GFTBRUC3500	F7 ISO e PM1 > 65 %

Kann anstelle der serienmäßigen G4-Filter in die Einheit eingebaut werden.
Preis pro Stück.
Installable inside the unit instead of G4 series filters. Price for pieces.

Geeignet für Innenausführungen und für BRUCVE
Suitable for indoor version and BRUCVE

Modell | Model	Effizienz | Efficiency
GFTBRUCOE1000	F7 ISO e PM1 > 65 %
GFTBRUCOE1500	F7 ISO e PM1 > 65 %
GFTBRUCOE2000	F7 ISO e PM1 > 65 %
GFTBRUCOE2500	F7 ISO e PM1 > 65 %
GFTBRUCOE3500	F7 ISO e PM1 > 65 %

Kann anstelle der serienmäßigen G4-Filter in die Einheit eingebaut werden.
Preis pro Stück.
Installable inside the unit instead of G4 series filters. Price for pieces.

Geeignet für BRUCOE
Suitable for BRUCOE

FILTER-SET G4 | G4 SET FILTER

Modell | Model	Effizienz | Efficiency
FABRUC1000	G4 ISO COARSE > 65 %
FABRUC1500	G4 ISO COARSE > 65 %
FABRUC2000	G4 ISO COARSE > 65 %
FABRUC2500	G4 ISO COARSE > 65 %
FABRUC3500	G4 ISO COARSE > 65 %

Preis pro Set mit 2 Filtern | Price for set of 2 filters

Geeignet für Innenausführungen und für BRUCVE
Suitable for indoor version and BRUCVE

Modell | Model	Effizienz | Efficiency
FABRUCOE1000	G4 ISO COARSE > 65 %
FABRUCOE1500	G4 ISO COARSE > 65 %
FABRUCOE2000	G4 ISO COARSE > 65 %
FABRUCOE2500	G4 ISO COARSE > 65 %
FABRUCOE3500	G4 ISO COARSE > 65 %

Preis pro Set mit 2 Filtern | Price for set of 2 filters

Geeignet für BRUCOE
Suitable for BRUCOE