

# TrioAir<sup>®</sup>

Ventilationsanlæg med  
høj varmegenvinding og fugtstyring

## Tekniske data

BRHR-220 H - 270/440 m<sup>3</sup> - Skabs-/vægmodel



Overholder  
2020 kravene

5 års garanti  
Iflg. AB18

A<sup>+</sup>

Temperaturområde  
-25°C til +60°C



Manuelt display



Digitalt display



App

Varenr.: TWHEATG220 - DIGITAL  
Varenr.: TWHEATJ220 - MANUEL

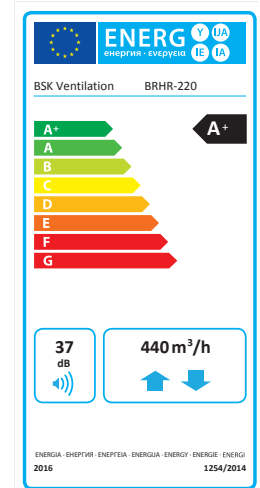
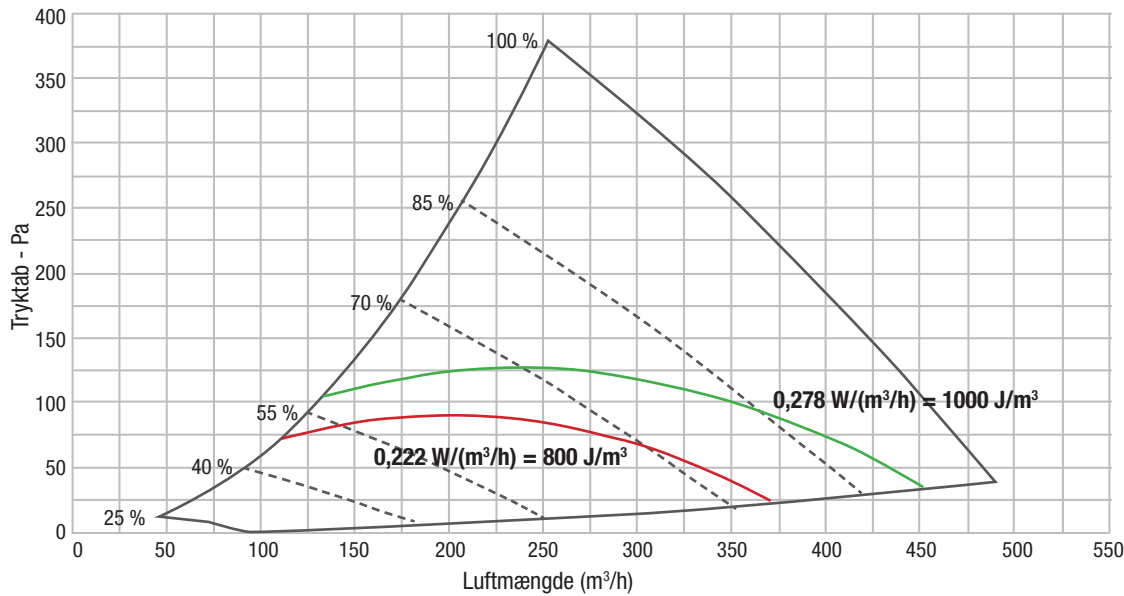
Vægt: 65 kg

Farve: RAL 9003 glans 30 (hvid)

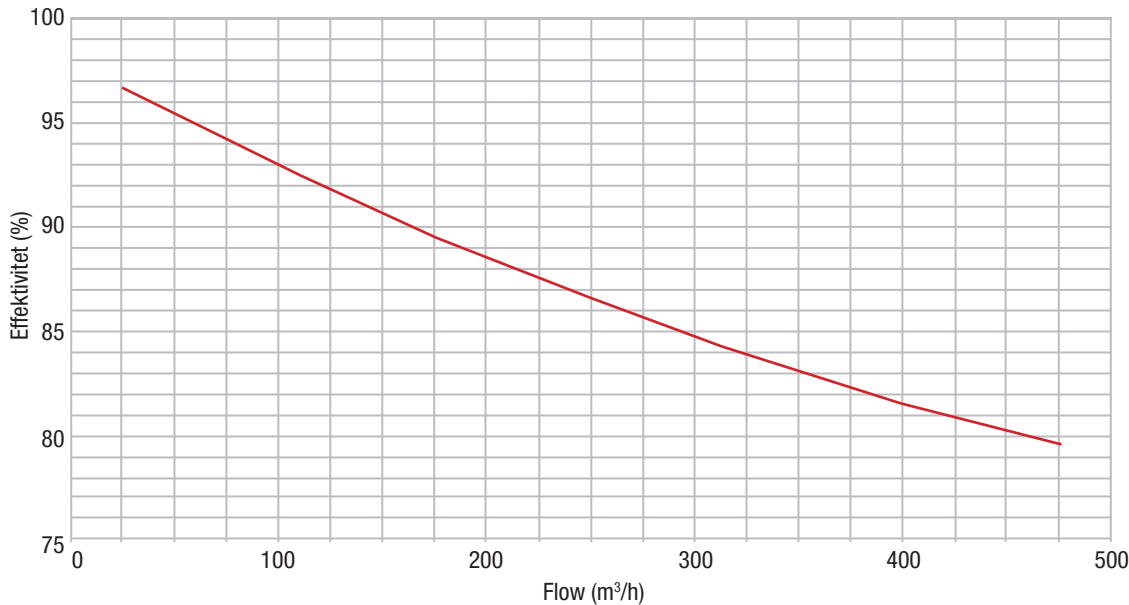
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### Flowdiagram



### Temperaturvirkningsgrad



### Lyddata (L<sub>wa</sub>)

Tryktab	Støjniveau	Lydeffektniveau dB (A)									
		Frekvens Hz	63	125	250	500	1000	2000	4000	8000	Gennemsnit
100 Pa	Indblæsning	42	54	58	62	61	59	52	43	53,8	42,7
	Afkast	31	42	42	38	33	29	24	15	31,7	
75 Pa	Indblæsning	32	40	43	46	45	36	28	24	36,7	29,8
	Afkast	23	29	29	28	23	20	18	14	23,0	

27.10.2021

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## Ecodesign

Ventilationsanlæg til boliger iht. EU 1254/2014

Produkt	BRHR 220H	
Producent/varemærke	BSK	
Produkt model	220H manual controller	220H digital controller
Specifikt energiforbrug *SEC (klasse)	A+	
Specifikt energiforbrug *SEC (gennemsnit)	-42.63 kWh/(m <sup>2</sup> .a)	
Specifikt energiforbrug SEC (kold)	-81.66 kWh/(m <sup>2</sup> .a)	
Specifikt energiforbrug SEC (varm)	-17.65 kWh/(m <sup>2</sup> .a)	
Produkttype	Ventilationsaggregat til boliger/lovejs	
Type drev (flertrinsdrev el. trinløs regulering(VSD))	Trinløs regulering (VSD)	
Type varmegenvindingssystem	Recuperativ	
Temperaturvirkningsgrad af varmegenvinding	88.7 %	
Maksimal volumenstrøm	440 m <sup>3</sup> /h	
Maksimal elektrisk effekt	170 W	
Lydeffektniveau (Lwa)	37 dB(A)	
Referencevolumenstrøm	0.090 m <sup>3</sup> /s	
Referencetrykforskel	50 Pa	
SEL *(SPI)	0.23 W/(m <sup>3</sup> /h)	
Kontroltype	Local Demand Control	
Reguleringsfaktor	0.65	
Intern/ekstern lækage	< 2%	
Casing leakage class	L1	
Visuelle filteralarmer	JA (Se i manualen)	
Brugermanual, webadresse	www.termicplus.dk	
Årligt elektricitetsforbrug *AEC (gennemsnit)	179 kWh/a (100 m <sup>2</sup> )	
Årlig varmebesparelse *AHS (gennemsnit)	4643 kWh/a (100 m <sup>2</sup> )	
Årlig varmebesparelse AHS (kold)	9083 kWh/a (100 m <sup>2</sup> )	
Årlig varmebesparelse AHS (varm)	2100 kWh/a (100 m <sup>2</sup> )	
Demontage	www.termicplus.dk	

\*AEC: Annual Electricity Consumption, \*AHS: Annual Heat Savings, \*SEC: Specific Energy Consumption, \*SPI: Specific Power Input

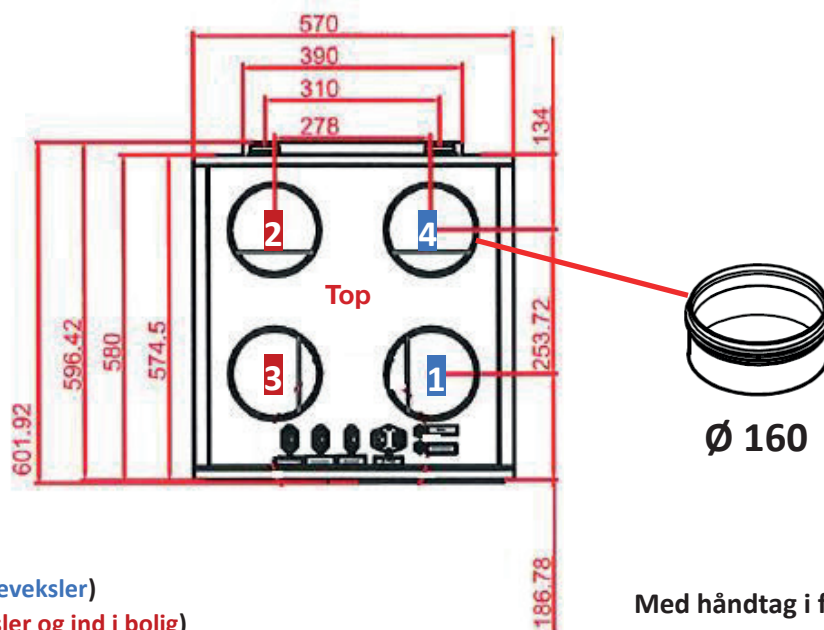


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### Tegning

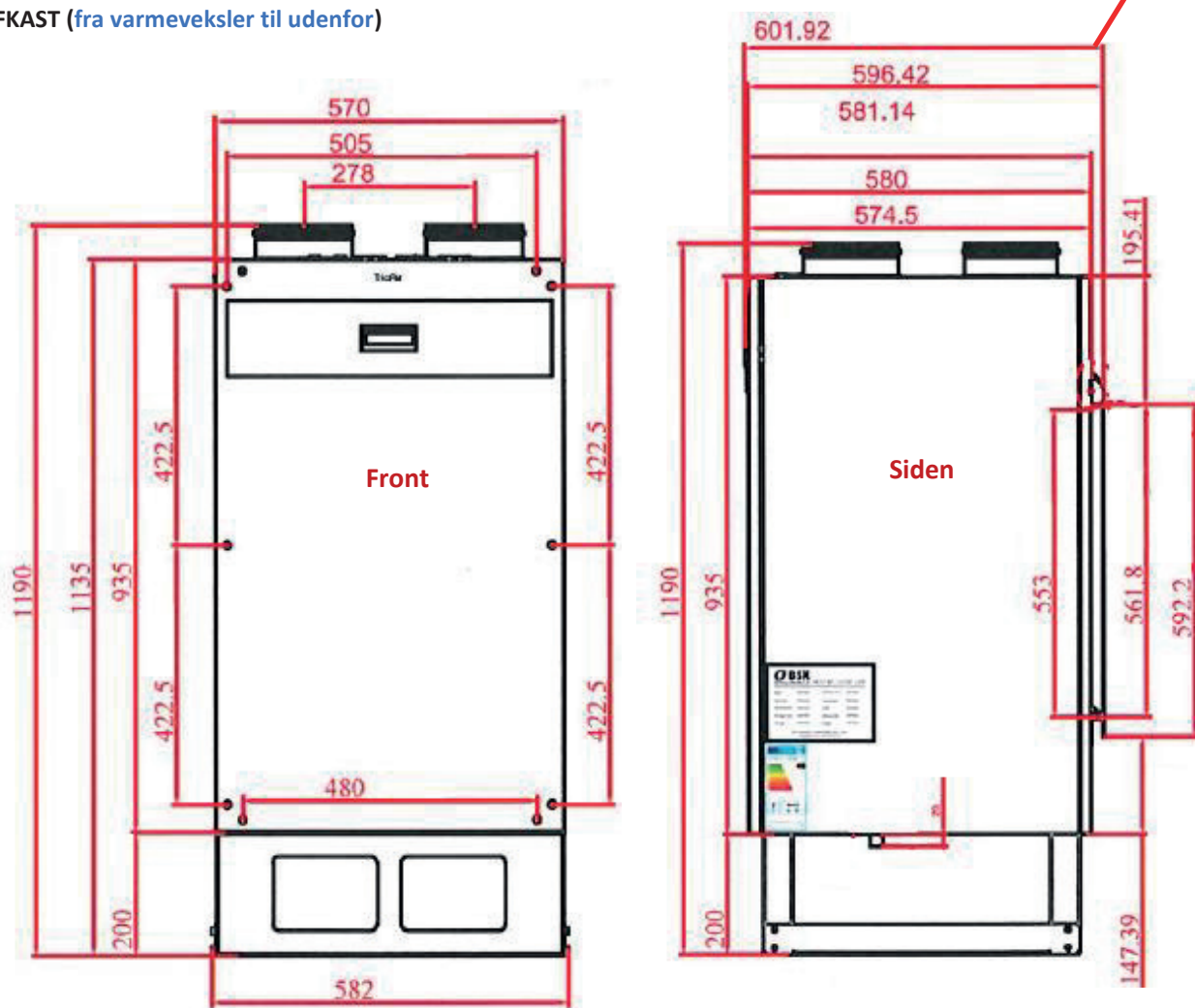
Alle mål er i mm



Med håndtag i filterlåge og monteringsbeslag

### Tilslutninger

- 1** INDTAG (udefra og ind i varmeveksler)
- 2** INDBLÆSNING (fra varmeveksler og ind i bolig)
- 3** UDSUGNING (fra bolig og ind i varmeveksler)
- 4** AFKAST (fra varmeveksler til udenfor)



TEKNISKE DATA – BRHR-220 H 270/440 m<sup>3</sup> Skab-Væg model



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BRHR-220 H - 270/440 m<sup>3</sup>

## Certifikat



### MACHINERY DIRECTIVE ATTESTATION OF CONFORMITY

Technical file of the company mentioned below has been inspected and audit has been completed successfully.

2006/42/EC Machinery Directive Annex VIII has been taken as references for these processes.

Company Name	: BSK Havalandırma Ekipmanları Anonim Şirketi
Company Address	: Mimar Sinan Mah. Basra Cad. No:59 Sultanbeyli İSTANBUL / TURKEY
Related Directives and Annex	: Machinery Directive 2006/42/EC / Annex VIII
Related Standards	: EN ISO 12100, EN ISO 14120, EN 60204-1
Product Name	: Heat Recovery Device
Product Brand/Model/Type	: BRHR-100 S, BRHR 100 H, BRHR 100 V, BRHR-150 V, BRHR-150 H, BRHR-150 S, BRHR 150 SLIM, BRHR-180 V, BRHR-180 H, BRHR-180 S, BRHR 220 S, BRHR 220 V, BRHR 220 H, BRHR-325 V, BRHR-325 H, BRHR-325 S, BRHR-400 V, BRHR-400 H, BRHR-400 S, BRHR-500 V, BRHR-500 H, BRHR-500 S, BRHR-750 V, BRHR-750 H, BRHR-750 S, BRHR-1000 V, BRHR-1000 H, BRHR-1000 S, BRHR-1500 V, BRHR-1500 H, BRHR-1500 S, BRHR-2000 V, BRHR-2000 H, BRHR-2000 S, BRHR-2500 V, BRHR-2500 H, BRHR-2500 S, BRHR-3000 V, BRHR-3000 H, BRHR-3000 S, BRHR-3500 V, BRHR-3500 H, BRHR-3500 S, BRHR-4000 V, BRHR-4000 H, BRHR-4000 S, BRHR-4500 V, BRHR-4500 H, BRHR-4500 S, BRHR-5000 V, BRHR-5000 H, BRHR-5000 S, VENTI 100, VENTI 150, VENTI 200, VENTI 300, VENTI 400, VENTI 500, BRHR PLUS 500 S, BRHR PLUS 500 V, BRHR PLUS 500 H, BRHR PLUS 1000 S, BRHR PLUS 1000 V, BRHR PLUS 1000 H, BRHR PLUS 1500 S, BRHR PLUS 1500 V, BRHR PLUS 1500 H, BRHR PLUS 2000 S, BRHR PLUS 2000 V, BRHR PLUS 2000 H, BRHR PLUS 2500 S, BRHR PLUS 2500 V, BRHR PLUS 2500 H, BRHR PLUS 3000 S, BRHR PLUS 3000 V, BRHR PLUS 3000 H, BRHR PLUS 4000 S, BRHR PLUS 4000 V, BRHR PLUS 4000 H, SCHOLAR-500, SCHOLAR-700
Certificate Number	: M.2021.103.ST.1195.03
Initial Assessment Date	: 24.12.2021
Registration Date	: 29.12.2021
Reissue Date/No	: 21.12.2022/01
Expiry Date	: 28.12.2023



UDEM International Certification  
Auditing Training Centre Industry  
and Trade Inc. Co.

The validity of the certificate can be checked through [www.udem.com.tr](http://www.udem.com.tr). Upon completion of EC declaration of conformity, it is used solely at the manufacturer's responsibility. This certificate remains the property of UDEM International Certification Auditing Training Centre Industry and Trade Inc. Co. to whom it must be returned upon request. The above named firm must keep a copy of this certificate for 15 years from the registration of certificate. This certificate only covers the product(s) stated above and UDEM must be noticed in case of any changes on the product(s)



**Address:** Muftukent Mahallesi 2073 Sokak (Eski 93 Sokak) No:10 Çankaya – Ankara – TURKEY  
**Phone:** +90 0312 443 03 90 **Fax:** +90 0312 443 03 76  
**E-mail:** [info@udem.com.tr](mailto:info@udem.com.tr) [www.udem.com.tr](http://www.udem.com.tr)

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## Overensstemmelseserklæring CE

**AT UYGUNLUK BEYANI**  
**(EC Declaration of Conformity)****Unvan / Company Name:** BSK HAVALANDIRMA EKİPMANLARI A.Ş.**Adres / Address:** Mimar Sinan Mah. Basra Cad. No: 59 Sultanbeyli / İSTANBUL-TÜRKİYE**Makine Adı / Machine:** ISI GERİ KAZANIM CİHAZI / HEAT RECOVERY DEVICE**Model Adı / Model Name:**

BRHR-100 V, BRHR-100 H, BRHR-100 S, BRHR-150 Slim, BRHR-150 V, BRHR-150 H, BRHR-150 S, BRHR-180 V, BRHR-180 H, BRHR-180 S, BRHR 220 S, BRHR 220 V, BRHR 220 H, BRHR-325 V, BRHR-325 H, BRHR-325 S, BRHR-400 V, BRHR-400 H, BRHR-400 S, BRHR-500 V, BRHR-500 H, BRHR-500 S, BRHR-750 V, BRHR-750 H, BRHR-750 S, BRHR-1000 V, BRHR-1000 H, BRHR-1000 S, BRHR-1500 V, BRHR-1500 H, BRHR-1500 S, BRHR-2000 V, BRHR-2000 H, BRHR-2000 S, BRHR-2500 V, BRHR-2500 H, BRHR-2500 S, BRHR-3000 V, BRHR-3000 H, BRHR-3000 S, BRHR-3500 V, BRHR-3500 H, BRHR-3500 S, BRHR-4000 V, BRHR-4000 H, BRHR-4000 S, BRHR-4500 V, BRHR-4500 H, BRHR-4500 S, BRHR-5000 V, BRHR-5000 H, BRHR-5000 S, VENTI 100, VENTI 150, VENTI 200, VENTI 300, VENTI 400, VENTI 500, BRHR PLUS 500 S, BRHR PLUS 500 V, BRHR PLUS 500 H, BRHR PLUS 1000 S, BRHR PLUS 1000 V, BRHR PLUS 1000 H, BRHR PLUS 1500 S, BRHR PLUS 1500 V, BRHR PLUS 1500 H, BRHR PLUS 2000 S, BRHR PLUS 2000 V, BRHR PLUS 2000 H, BRHR PLUS 2500 S, BRHR PLUS 2500 V, BRHR PLUS 2500 H, BRHR PLUS 3000 S, BRHR PLUS 3000 V, BRHR PLUS 3000 H, BRHR PLUS 4000 S, BRHR PLUS 4000 V, BRHR PLUS 4000 H, SCHOLAR-500, SCHOLAR-700

**Uygulanan Yönetmelikler / Applied regulations**

Bizler Montaj-İmalatını yaptığımız ISI GERİ KAZANIM CİHAZI aşağıdaki direktif koşullarını karşıladığını beyan ederiz.

We declare that the HEAT RECOVERY DEVICE that we assemble and manufacture meets the following directive conditions.

- 2006/42/EC Makine Emniyet Yönetmeliği-EK I / 2006/42/EC Machinery Safety Directive-Annex I

**Uygulanan Standartlar / Applied Standards**

- TS EN ISO 12100:2010, TS EN ISO 14120

**Yetkili/Adı Soyadı / Name** : TURAN OKAR**Date:** 16/03/2022**Ünvanı / Title** : Genel Müdür / General manger**İmza, Kaşe / Signature**