







# MANUAL

-  INDUSTRIEL VARMEBLÆSER
-  INDUSTRIAL VARMEOVN
-  INDUSTRIELLA ELVÄRMARE
-  RAKENNUSLÄMMITIN
-  IÐNAÐARHITABLÁSARI
-  INDUSTRIAL HEATER

# MANUAL



## BLUE ELECTRIC VARMEBLÆSER (DK)

LÆS MANUALEN GRUNDIGT IGENNEM FØR VARMEBLÆSEREN TAGES I BRUG.  
Gem manualen til senere brug. Kan også downloades på [www.dva.dk](http://www.dva.dk).

### Sikkerhedsanvisninger:

Bemærk venligst, at varmeblæserens konstruktion aldrig må ændres.  
Stik og ledning må kun udskiftes af en autoriseret el-installatør.

- Før tilslutning, vær da sikker på, at den rette strømspænding anvendes.
- Varmeblæseren må ALDRIG overdækkes, indbygges eller bruges til andre formål end lokal rumopvarmning.
- Varmeblæseren må ikke benyttes udendørs i fugtigt vejr, på badeværelser, hvor der opstår damp, eller i rum med høj luftfugtighed.
- Varmeblæseren bliver meget varm. Hold den derfor i sikker afstand af brandbare materialer som møbler, gardiner, papir m.m.
- Brug ikke varmeblæseren med en automatisk timer eller andet udstyr, som automatisk kan tænde apparatet.
- Brug ikke varmeblæseren i rum, hvor der anvendes eller opbevares brændbare væsker eller gasser.
- Varmeblæseren må ikke benyttes af børn eller umyndige personer.

### Vigtigt:

**Det er vigtigt, at varmeblæseren køler ned, inden den slukkes!**

Drej derfor funktionsvælgeren **(F)** til indstilling **(1. Blæser)\*\*** og termostaten **(T)** til **(MIN)** i mindst 3 minutter inden strømmen afbrydes.

\*\*Art. VB9 har et automatisk afkølingsprogram, som ALTID skal gennemføres til ende i indstilling **(0. Slukket)**, inden strømmen afbrydes!

## BLUE ELECTRIC INDUSTRIAL HEATER (EN)

READ THE MANUAL CAREFULLY BEFORE USING THE INDUSTRIAL HEATER.  
Save the manual for later use. Can also be downloaded from [www.dva.dk](http://www.dva.dk).

### Safety instructions:

Never change the construction of the industrial heater.  
Plug and cord may only be replaced by an authorized electrician.

- Before connecting the heater to power, make sure that the correct voltage is used.
- NEVER cover, install, or use the industrial heater for any other purpose than local space heating.
- Do not use the industrial heater outdoors in humid weather, in bathrooms, or in rooms with high humidity.
- The industrial heater becomes very hot. Keep it at a safe distance from flammable materials such as furniture, curtains, paper, etc.
- Do not use the industrial heater in connection with an automatic timer or other equipment that automatically starts the heater.
- Do not use the industrial heater in rooms used for handling or storage of flammable liquids or gasses.
- Keep the industrial heater away from children and incapacitated persons.

### Important:

**It is important that the fan heater cools down before switching it off!**

Therefore, turn the function selector **(F)** to setting **(1. Fan)\*\*** and the thermostat **(T)** to **(MIN)** for at least 3 minutes before switching off the power.

\*\*Cat. VB9 has an automatic cooling program, which must ALWAYS be completed to the end in setting **(0. OFF)** before switching off the power!

Art.	Kabel	Spænding	IP	Effekt
VB2	1.6M X 3X1.0 MM <sup>2</sup> H05RN-F	230V	IP24	Blæser/1000W/2000W
VB3	1.6M X 3X1.5 MM <sup>2</sup> H07RN-F	230V	IP24	1000W/2000W/3000W
VB5	1.6M X 5X1.5 MM <sup>2</sup> H07RN-F	400V	IP24	Blæser/2500W/5000W
VB9	1.6M X 5X1.5 MM <sup>2</sup> H07RN-F	400V	IP24	Blæser/4500W/9000W

## F FUNKTIONSVÆLGER



- 0** Slukket
- 1** Blæser  
Blæser og lav temperatur (**kun VB3**)
- 2** Blæser og lav temperatur  
Blæser og middel temperatur (**kun VB3**)
- 3** Blæser og høj temperatur

## T TERMOSTAT



Termostaten bruges til at indstille den ønskede temperatur.

Drej termostatknappen med uret til MAX position og tænd for varmeblæseren. Når rummet når den ønskede temperatur, skal du langsomt dreje termostatknappen mod uret, indtil du hører et svagt klik.

Varmeblæseren opretholder nu automatisk temperaturen på det ønskede niveau ved automatisk at tænde/slukke for varmelegemerne. (Bemærk: Blæseren fortsætter med at køre, selvom termostaten har slukket for varmelegemerne).

## 4 TERMOSIKRING

Hvis varmeblæseren bliver for varm, slukker termosikringen (overophedningssikringen) for varmelegemerne. Efter afkøling tændes de automatisk igen.

Art. VB9 skal manuelt nulstilles ved at fjerne hættten (FIG. 1) og herefter trykke palen (FIG. 2) forsigtigt ind. Sæt hættten på igen. Afkøl i min. 10 minutter. (Husk altid at tage stikket ud af strømudtaget først!)



FIG. 1 (kun VB9)

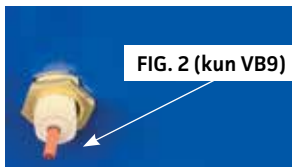


FIG. 2 (kun VB9)

**Vigtigt:** Der er normalt en årsag til, at varmeblæseren bliver overophedet! Tjek om blæseren sidder fast, om for- og bagside er blokeret eller står for tæt på en væg eller andre forhindringer. Findes årsagen ikke, skal varmeblæseren til eftersyn/reparation.

## SPECIFICATIONS



Cat.	Cable	Voltage	IP	Power
<b>VB2</b>	1.6M X 3X1.0 MM <sup>2</sup> H05RN-F	230V	IP24	Fan/1000W/2000W
<b>VB3</b>	1.6M X 3X1.5 MM <sup>2</sup> H07RN-F	230V	IP24	1000W/2000W/3000W
<b>VB5</b>	1.6M X 5X1.5 MM <sup>2</sup> H07RN-F	400V	IP24	Fan/2500W/5000W
<b>VB9</b>	1.6M X 5X1.5 MM <sup>2</sup> H07RN-F	400V	IP24	Fan/4500W/9000W

### F FUNCTION SELECTOR



- 0** OFF
- 1** Fan  
Fan and low temperature (**only VB3**)
- 2** Fan and low temperature  
Fan and medium temperature (**kun VB3**)
- 3** Fan and high temperature

### T THERMOSTAT



Use the thermostat to set the desired temperature.

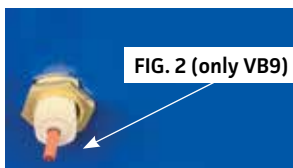
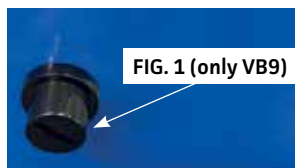
Turn the thermostat clockwise to the MAX position and switch on the industrial heater. When the room reaches the desired temperature, slowly turn the thermostat counterclockwise until you hear a faint click.

The industrial heater now automatically maintains the temperature at the desired level, by automatically switching the heaters on/off. (Note: The fan continues to run even though the thermostat has turned off the heaters).

### 4 SAFETY SWITCH

If the industrial heater is overheated, it will automatically shut off due to the safety switch. When the industrial heater has cooled down it will automatically restart.

Model VB9 must be manually reset: Unplug the industrial heater. Remove the cap (Fig. 1) and gently push the tap (Fig 2). Put the cap back in its place. Restart after 10 minutes.



**Important:** There is usually a reason for the industrial heater to overheat! Check if the fan is stuck, if the front and back are blocked or too close to the wall or other obstacles. If the cause is not found, the industrial heater must be inspected/ repaired.

## Informationskrav for elektriske produkter til lokal rumopvarmning

Modelidentifikation(er):		VB2	VB3	VB5	VB9			
Element	Symbol	Værdi	Værdi	Værdi	Værdi	Enhed	Funktion	Tilgængelig
Varme udbytte							Type af temperaturregistrering for elektriske rum-varmeblæsere	
Norminel varmeudbytte	Pnom	2.0	3.0	5.0	9.0	kW	Manuel varmestyring med integreret termostat	Nej
Minimum varmeudbytte	Pmin	1.0	1.0	2.5	4.5	kW	Manuel varmestyring med tilbagemelding fra rum og/eller udetemperaturen	Nej
Maksimum vedvarende varmeudbytte	Pmax,c	2.0	3.0	5.0	9.0	kW	Elektronisk varmestyring med tilbagemelding fra rum og/eller udetemperaturen	Nej
Ekstra elforbrug:							Ventilatorassisteret varmeudgang	Nej
Ved nominal varmeudbytte	elmax	N/A	N/A	N/A	N/A	kW	Type af varme/rumtemperatursregulering	
Ved minimum varmeudbytte	elmin	N/A	N/A	N/A	N/A	kW	Et trins varmeudgang og ingen rumtemperatur	Nej
Ved standby	elSB	0	0	0	0	kW	To eller flere manuelle trin, ingen rumtemperatur	Nej
							Med mekanisk termostat for rumtemperatur kontrol	Ja
							Med elektronisk rumtemperatur kontrol	Nej
							Elektronisk rumtemperatur kontrol og dagtimer	Nej
							Elektronisk rumtemperatur kontrol og ugetimer	Nej
							Andre kontrolfunktioner	
							Rumtemperaturregulering med tilstedeværelses detektering	Nej
							Rumtemperaturregulering med åben-vindue detektion	Nej
							Med fjernbetjening	Nej
							Med tilpasset startkontrol	Nej
							Med arbejdstidsbegrænsning	Nej
							Med black-bulb temperatur sensor	Nej

### Importør:

DVA|HS A/S • Meterbuen 26-28 • 2740 Skovlunde • info@dva.dk • +45 70 234 239 • www.dva.dk

### Manufacturer:

Ningbo Joyee Electrical Appliance Co. Ltd. East Industry Development Area  
Guanhaiwei • Cixi • Zhejiang • China • Tel.: 0086-574-63668982 63668983

## Information requirements for electric industry fan heaters

Model identifier(s):		VB2	VB3	VB5	VB9				
Item	Symbol	Value	Value	Value	Value	Unit	Item	Unit	
Heat output							Type of heat input, for electric storage local space heaters only (select one)		
Nominal heat output	Pnom	2.0	3.0	5.0	9.0	kW	Manual heat charge control, with integrated thermostat	No	
Minimum heat output (indicative)	Pmin	1.0	1.0	2.5	4.5	kW	Manual heat charge control with room and/or outdoor temperature feedback	No	
Maximum continuous heat output	Pmax,c	2.0	3.0	5.0	9.0	kW	electronic heat charge control with room and/or outdoor temperature feedback	No	
Auxiliary electricity consumption:							Fan assisted heat output		No
At nominal heat output	elmax	N/A	N/A	N/A	N/A	kW	Type of heat output/room temperature control (select one)		
At minimum heat output	elmin	N/A	N/A	N/A	N/A	kW	single stage heat output and no room temperature control	No	
In standby mode	elSB	0	0	0	0	kW	Two or more manual stages, no room temperature control	No	
							with mechanic thermostat room temperature control	Yes	
							with electronic room temperature control	No	
							electronic room temperature control plus day timer	No	
							electronic room temperature control plus week timer	No	
							Other control options (multiple selections possible)		
							room temperature control, with presence detection	No	
							room temperature control, with open window detection	No	
							with distance control option	No	
							with adaptive start control	No	
							with working time limitation	No	
							with black bulb sensor	No	

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### Manufacturer:

Ningbo Joyee Electrical Appliance Co. Ltd. East Industry Development Area  
Guanhaiwei • Cixi • Zhejiang • China • Tel.: 0086-574-63668982 63668983



## DECLARATION OF CONFORMITY

**MODEL NUMBER:** VB2  
**DESCRIPTION:** INDUSTRY FAN HEATER/VARMEBLÆSER

DVA|HS, erklærer at ovenstående produkt er designet og produceret i henhold til følgende direktiver:

DVA|HS, declare that the above-mentioned product has been designed and manufactured in accordance with the following directives:

European Directives:	Associated EN norm	Associated Certificate/full test EC type report
<b>Electrical equipment designed for use within certain voltage limits (LVD)</b> Directive 2006/95/EC (until 2016-04-19) and Directive 2014/35/EU (from 2016-04-20)	EN60335-2-30:2009+A11:2012 EN60335-1:2012+AC:2014+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019 EN62233:2008	210100184HZH-V1/HZ10110244-001/A1/A2/A3/A4/A5/A6/A7/A8 released by Intertek
<b>Electromagnetic compatibility (EMC)</b> Directive 2004/108/EC (until 2016-04-19) and Directive 2014/30/EU (from 2016-04-20)	EN55014-1:2017+A11:2020 EN55014-2:2015 EN61000-3-2:2019 EN61000-3-3:2013+A1:2019	21000185HZH-V1 HZ10110245-001/A1/A2/A3/A4/A5/A6/A7 released by Intertek
<b>The restriction of the use of certain hazardous substances in electronic equipment (RoHS)</b> Directive 2011/65/EU	2015/863/EU IEC 62321-2:2013 IEC 62321-1:2013 IEC 62321-3-1:2013 IEC 62321-5:2013 IEC 62321-4:2013+A1:2017 IEC 62321-7-1:2015 IEC 62321-6:2015 IEC 62321-8:2017	SHAH01239358S1 released by INTERTEK
<b>Energy-related products (ERP)</b> Directive 2009/125/EC, 2010/30/EU	2015/1188 IEC/EN 60675: 1998 Ed2. 1 IEC 62301 Ed 2.0	1910000213HZH-001 released by Intertek

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## DECLARATION OF CONFORMITY

**MODEL NUMBER:** VB3  
**DESCRIPTION:** INDUSTRY FAN HEATER/VARMEBLÆSER

DVA|HS, erklærer at ovenstående produkt er designet og produceret i henhold til følgende direktiver:

DVA|HS A/S, declare that the above-mentioned product has been designed and manufactured in accordance with the following directives:

European Directives:	Associated EN norm	Associated Certificate/full test EC type report
<b>Electrical equipment designed for use within certain voltage limits (LVD)</b> Directive 2006/95/EC (until 2016-04-19) and Directive 2014/35/EU (from 2016-04-20)	EN60335-2-30:2009+A11:2012 EN60335-1:2012+AC:2014+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019 EN62233:2008	201000382HZH-V1/HZ09020420-001/A1/A2/A3/A4/A5/A6/A7/A8/A9/A10/A11 released by Intertek
<b>Electromagnetic compatibility (EMC)</b> Directive 2004/108/EC (until 2016-04-19) and Directive 2014/30/EU (from 2016-04-20)	EN55014-1:2017+A11:2020 EN55014-2:2015 EN61000-3-2:2019 EN61000-3-3:2013+A1:2019	201000383HZH-V1/HZ09020421-001/A1/A2/A3/A4/A5/A6/A7 released by Intertek
<b>The restriction of the use of certain hazardous substances in electronic equipment (RoHS)</b> Directive 2011/65/EU	2015/863/EU IEC 62321-2:2013 IEC 62321-1:2013 IEC 62321-3-1:2013 IEC 62321-5:2013 IEC 62321-4:2013+A1:2017 IEC 62321-7-1:2015 IEC 62321-6:2015 IEC 62321-8:2017	SHAH01239358S1 released by INTERTEK
<b>Energy-related products (ERP)</b> Directive 2009/125/EC, 2010/30/EU	2015/1188 IEC/EN 60675: 1998 Ed2. 1 IEC 62301 Ed 2.0	1910000213HZH-001 released by Intertek

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## DECLARATION OF CONFORMITY

**MODEL NUMBER:** VB5  
**DESCRIPTION:** INDUSTRY FAN HEATER/VARMEBLÆSER

DVA|HS, erklærer at ovenstående produkt er designet og produceret i henhold til følgende direktiver:

DVA|HS, declare that the above-mentioned product has been designed and manufactured in accordance with the following directives:

European Directives:	Associated EN norm	Associated Certificate/full test EC type report
<b>Electrical equipment designed for use within certain voltage limits (LVD)</b> Directive 2006/95/EC (until 2016-04-19) and Directive 2014/35/EU (from 2016-04-20)	EN60335-2-30:2009+A11:2012 EN60335-1:2012+AC:2014+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019 EN62233:2008	200300530HZH-V1/JSH106100112-001/A1/A2/A3/A4/A5/A6/A7/A8/A9/A10/A11/A12S released by Intertek
<b>Electromagnetic compatibility (EMC)</b> Directive 2004/108/EC (until 2016-04-19) and Directive 2014/30/EU (from 2016-04-20)	EN55014-1:2017 EN55014-2:2015 EN61000-3-2:2014 EN61000-3-3:2013 EN61000-3-11:2000 EN61000-3-12:2012	200300531HZH-V1/160100572HZH-001/A1 released by Intertek
<b>The restriction of the use of certain hazardous substances in electronic equipment (RoHS)</b> Directive 2011/65/EU	2015/863/EU IEC 62321-2:2013 IEC 62321-1:2013 IEC 62321-3-1:2013 IEC 62321-5:2013 IEC 62321-4:2013+A1:2017 IEC 62321-7-1:2015 IEC 62321-6:2015 IEC 62321-8:2017	SHAH01239358S1 released by INTERTEK
<b>Energy-related products (ERP)</b> Directive 2009/125/EC, 2010/30/EU	2015/1188 IEC/EN 60675: 1998 Ed2. 1 IEC 62301 Ed 2.0	200900577HZH-001 released by Intertek

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## DECLARATION OF CONFORMITY

**MODEL NUMBER:** VB9  
**DESCRIPTION:** Industry Fan Heater/Varmeblæser

DVA|HS A/S, erklærer at ovenstående produkt er designet og produceret i henhold til følgende direktiver:

DVA|HS A/S, declare that the above-mentioned product has been designed and manufactured in accordance with the following directives:

European Directives:	Associated EN norm	Associated Certificate/full test EC type report
<b>Electrical equipment designed for use within certain voltage limits (LVD)</b> Directive 2006/95/EC (until 2016-04-19) and Directive 2014/35/EU (from 2016-04-20)	EN60335-2-30:2009+A11:2012 EN60335-1:2012+AC:2014+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019 EN62233:2008	200300532HZH-V1/HZ09020422-001/A1/A2/A3/A4/A5/A6/A7/A8/A9/A10 released by Intertek
<b>Electromagnetic compatibility (EMC)</b> Directive 2004/108/EC (until 2016-04-19) and Directive 2014/30/EU (from 2016-04-20)	EN55014-1:2017 EN55014-2:2015 EN61000-3-2:2014 EN61000-3-3:2013 EN61000-3-11:2000 EN61000-3-12:2012	190300457HZH-V1 160100628HZH-001/A1/A2 released by Intertek
<b>The restriction of the use of certain hazardous substances in electronic equipment (RoHS)</b> Directive 2011/65/EU	2015/863/EU IEC 62321-2:2013 IEC 62321-1:2013 IEC 62321-3-1:2013 IEC 62321-5:2013 IEC 62321-4:2013+A1:2017 IEC 62321-7-1:2015 IEC 62321-6:2015 IEC 62321-8:2017	SHAH01239358S1 released by INTERTEK
<b>Energy-related products (ERP)</b> Directive 2009/125/EC, 2010/30/EU	2015/1188 IEC/EN 60675: 1998 Ed2. 1 IEC 62301 Ed 2.0	200900577HZH-001 released by Intertek

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BLUE ELECTRIC er en serie af elektriske produkter designet, testet og godkendt af DVA. Produkterne fremstilles med fokus på kvalitet, værdi for pengene, miljø og bæredygtighed. Uanset om det er en arbejdslampe, en varmeblæser eller en kabelrulle er producenterne af BLUE ELECTRIC nøje udvalgt for at sikre en høj og ensartet kvalitet af hele sortimentet.



BLUE ELECTRIC is a series of electrical products designed, tested and approved by DVA. The products are manufactured with focus on quality, value for money, environment and sustainability. Whether it is a floodlight, a fan heater or a cable reel, the manufacturers of BLUE ELECTRIC are carefully selected to ensure a high and consistent quality of the entire range.

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For further questions or doubts contact dealer or distributor for more info:

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