



AW K LUCHTVERWARMER/-KOELER

**INATHERM**



# AW K

## Fan air heater/cooler for installations using water as the energy medium

AW K is used to cool industrial premises, shops and similar types of premises. Clean design with simple lines mean that the AW range can also be installed in public areas. The AW K can be connected to a hot water supply, and used for heating during the cold season.

- Designed for cooling and heating.
- Stainless steel condensation trough, with condensation insulation underneath.
- 4 mm fin spacing minimises maintenance, even in dusty surroundings.
- Adjustable deflectors to control height of air flow.
- Supplied with a wall bracket.
- AC or EC motor.

### Design

The casing is made of galvanised, white-painted steel plate. Coil with copper pipes and hydrophilic-plated aluminium flanges. Fin spacing 4 mm to minimise dust and particles clogging up the coil. Ball bearing-mounted fan motor with thermal protection gives low noise and safe operation. Condensation drain with G $\frac{1}{2}$ " connection. Available in two sizes, complete with wall bracket. IP44 degree of protection with AC motor. IP54 degree of protection with EC motor.



### Dimensioning

Dimensioning can easily be achieved with our web-based calculation program VEAB Select ([www.veab.com](http://www.veab.com)).

If necessary, contact our sales staff for help.

### Dimensional Drawing

See page 7.

### Approvals

Our fans are produced in accordance with the following directives:





LVD directive: EN 60355-1 and EN 60335-2-30

EMC directives: EN 61000-6-2 and EN 61000-6-3

EMF directive: EN 62233



## Accessories

	Product	Range	Degree of protection
	Valve with actuator AWTV 42-62, IP44 To be used together with thermostat R31 or SR 121/1.	Max. 90°C 25 bar	IP44
	Thermostat SR 121/1 Can control two AW Ks.	Range 0-40 °C	IP54
	Room thermostat R31 Can control one AW K.	Range 7-30°C	IP20
	AWLH K22/K42 Aluminium deflector blades. Direct air flow sideways.		

## Product Range Overview

Type		AW K22	AW K42	AW K22-EC	AW K42-EC
Voltage		230 VAC 1-ph.	230 VAC 1-ph.	230 VAC 1-ph.	230 VAC 1-ph.
Power consumption, max.	A	0.6	0.95	0.55	1.35
Air volume	m <sup>3</sup> /h	2000	3500	2000	3500
Sound pressure level <sup>1)</sup>	dB(A)	52	62	51	59
Horizontal range	m	8	8	8	8
Connector pipe	mm	Ø28	Ø28	Ø28	Ø28
Max. operating temp. water	°C	120	120	120	120
Max. operating pressure water	bar	16	16	16	16
Max. ambient temperature	°C	50	50	40	40
Weight	kg	51	66	50	65
Degree of protection		IP44	IP44	IP54	IP54

<sup>1)</sup> Measured at 5 metres in front of AW unit.

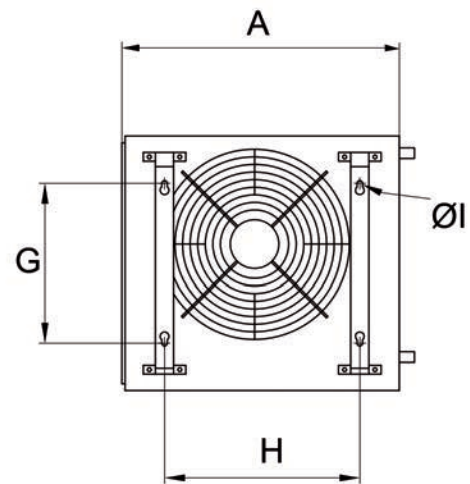
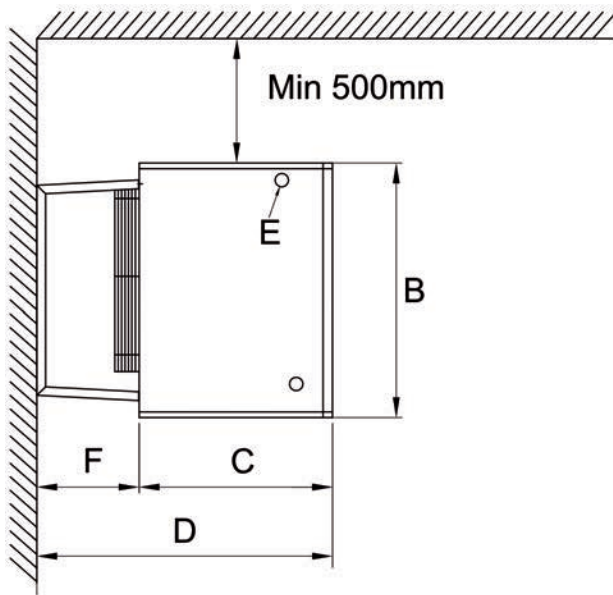
## Project Design/Orders

### Description – AW K

Fan air cooler/heater for cold/hot water, VEAB type AW K, with white-painted galvanised sheet metal casing. Coil with copper pipes and hydrophilic-plated aluminium fins. 4 mm fin spacing minimises maintenance. Stainless steel condensation trough, with condensation insulation underneath. Single speed fan motor. IP44 degree of protection. Supplied with a wall bracket. Accessories including thermostat, valve and deflectors to be ordered separately.

## AW K

Dimensions	A mm	W mm	C mm	D mm	Ø E mm	F mm	G mm	H mm	Ø I mm
AW K22	730	670	510	780	28	270	420	515	10
AW K42	920	875	510	780	28	270	550	700	10



## CONTACTGEGEVENS

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