



AW DX LUCHTVERWARMERS/-KOELERS

**INATHERM**



# AW DX

## Wall-mounted indoor unit for heat pump

The AW DX is used with an outdoor unit to heat and cool various rooms. Ideal for use in industrial premises, warehouses, shops, and more.

Can be combined with outdoor units from different manufacturers and associated control equipment.

- Designed for heating and cooling operation.
- Condensation insulation between coil and casing.
- 4 mm fin spacing minimises maintenance, even in dusty surroundings.
- Hydrophilic coated fins for optimum condensation run-off.
- Stainless steel condensation trough, with condensation insulation underneath.
- Adjustable deflectors to control height of air flow.
- Snap lock cover to connect transmitter on coil.
- Snap lock cleaning cover.
- AC or EC motor.



### Design

The casing is made of galvanised, white-painted steel plate. Coil with copper pipes and hydrophilic-plated aluminium fins. 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.

Connected to outdoor unit by soldering. Available in two sizes, complete with wall bracket.

IP44 degree of protection with AC motor.

IP54 degree of protection with EC motor.

### Control Unit

AW DX has no automated control equipment and has to be controlled by the outdoor unit and its control equipment. AW DX has a single fan speed.

### 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 6.

### 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 (To be ordered separately)

	Product	Description
	Air vents AWLH DX22/DX42	Aluminium deflector blades. Direct air flow sideways.

## Product Range Overview

Type		AW DX22	AW DX42	AW DX22-EC	AW DX42-EC
Voltage		230 VAC 1-ph.	230 VAC 1-ph.	230 VAC 1-ph.	230 VAC 1-ph.
Power consumption	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
Max. operating pressure	MPa	4.29	4.29	4.29	4.29
Inner volume coil	l	2.3	3.7	2.3	3.7
Pipe connection cooling pipe, liquid/gas		3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
Condensation drain		G1/2"	G1/2"	G1/2"	G1/2"
Max. ambient temperature	°C	40	40	40	40
Coolant		R410A / R32	R410A / R32	R410A / R32	R410A / R32
Degree of protection		IP44	IP44	IP54	IP54
Weight	kg	48	63	47	62

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

### Project Design/Orders

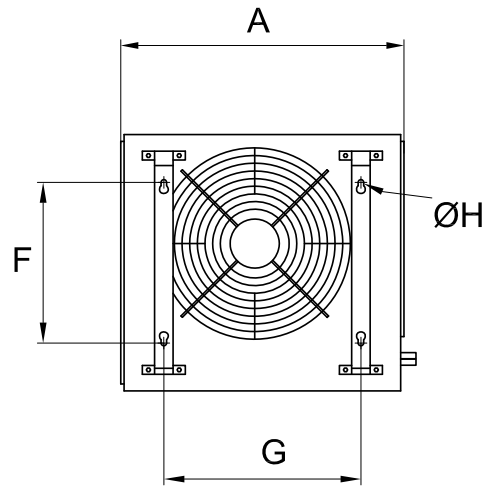
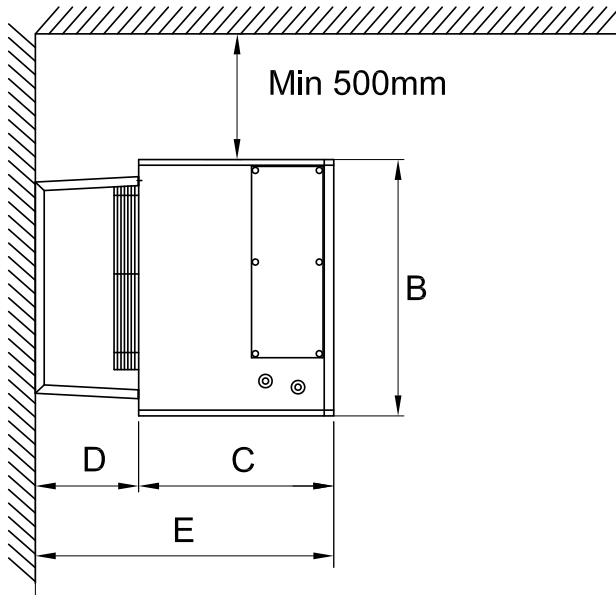
#### Description – AW DX

Wall-mounted indoor unit for heat pump, VEAB type AW DX, 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. Deflectors ordered separately.

# Dimensional Drawing

## AW DX

Dimensions	A mm	W mm	C mm	D mm	E mm	F mm	G mm	Ø H mm
AW DX22	740	670	510	270	780	420	515	10
AW DX42	920	875	510	270	780	550	700	10



AW DX / K

## CONTACTGEGEVENS

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