

# ECOFAN W

## Recirculation fan

Recirculation fan with thermostatic control and isolator switch.  
Air displacement 4,000 to 14,000m<sup>3</sup>/h.



For more information, downloads  
and videos, visit the Ecofan W  
page on our website

## Easy to use, with savings up to 30% on your energy consumption



Mark recommends an ECOFAN with every air heater. A combination of these products provides optimum comfort and good heat distribution within the room. It is known that hot air rises which means that an air heater requires more time to heat up a room. A thermostatically-controlled ECOFAN transports the warm blanket under the roof to the occupied area. As a result, the room heats up more quickly, and gas consumption can in some cases be reduced by up to 30%.

The ECOFAN recirculating fan is available with various air displacements from 4.000 to 14.000 m<sup>3</sup>/h. The unit comes as standard with isolator switch and a reverse operating room thermostat that switches on the fan when the area under the ceiling becomes hot. The unit is also available as an ATEX / EEX-model, with the following classification: Ex II 2 G c Ex e IIB T3.

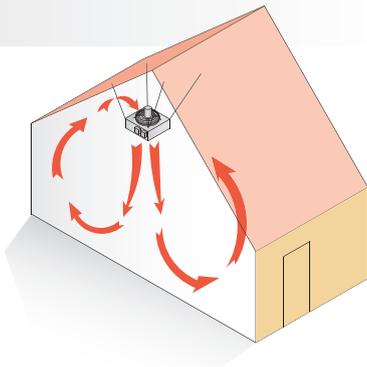
The ECOFAN can be used in construction halls, workshops, garages and logistics areas.

The ECOFAN is also available with speed controlled low noise EC-motor. Advantages:

- The highest efficiency in case of speed control
- Up to 50% energy saving in case of partial load
- Almost completely linearly adjustable
- Long lifetime
- Low noise level
- Integrated electronic thermal protection

### Product features

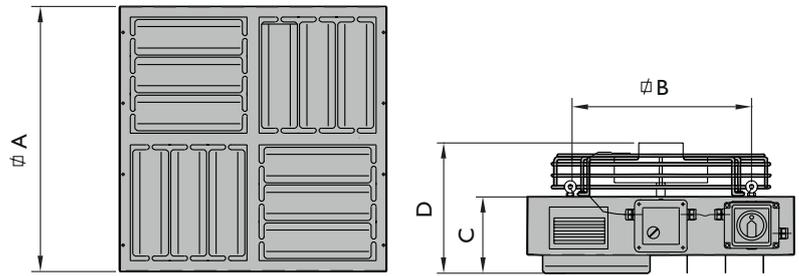
- Aluzinc housing
- Integrated thermostat
- 4-sided downflow hood
- Low maintenance



Remote connection possible with the PinTherm Connect!

## Dimensions

Type	W42	W82	W142
A	560	720	860
B	500	600	797
C	185	170	220
D	280	265	325

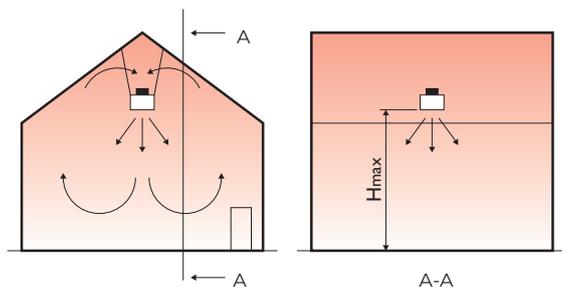


## Technical information

Type		W42	W82	W142
Air displacement	m <sup>3</sup> /h	4000	8000	14000
Motor rating AC-motor	W	150	360	535
Motor rating EC-motor	W	125	320	620
Consumed current AC-motor	A	0,65	1,7	2,5
Consumed current EC-motor	A	1,0	2,2	2,7
Motor speed AC-motor	min <sup>-1</sup>	1050	1150	880
Motor speed EC-motor	min <sup>-1</sup>	1400	1490	1000
Protection class of motor	IP	20	20	20
Supply voltage (50Hz)	V	1~230	1~230	1~230
Noise level	dB(A)	45	50	59
Weight	kg	18	24	34
Mounting height	m	4 - 8	7 - 13	10 - 18 (- 30*)
Covered m <sup>2</sup> per fan	m <sup>2</sup>	400	625	900

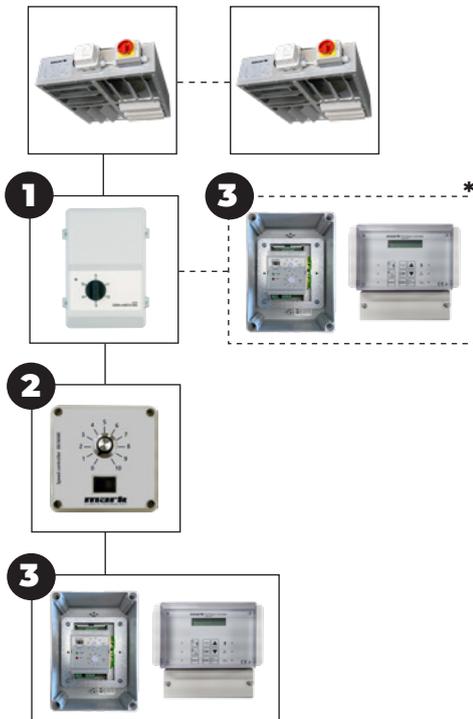
\* with cone

## Assembly/location suggestions

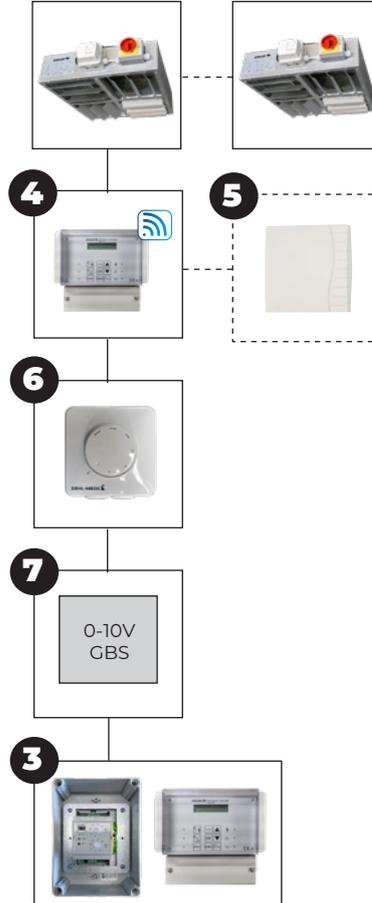


## Controls

AC motor



EC motor



### Control combination options

Ecofan W (AC)	+	<b>1</b>
Ecofan W (AC)	+	<b>1</b> + <b>3</b> *
Ecofan W (AC)	+	<b>3</b>
Ecofan W (AC)	+	<b>2</b>
Ecofan W (EC)	+	<b>2</b>
Ecofan W (EC)	+	<b>4</b> + <b>5</b>
Ecofan W (EC)	+	<b>6</b>
Ecofan W (EC)	+	<b>7</b>

See price list for description and code numbers of the relevant items

\* This allows the Ecofan to be manually regulated in speed (no automatic speed control)..