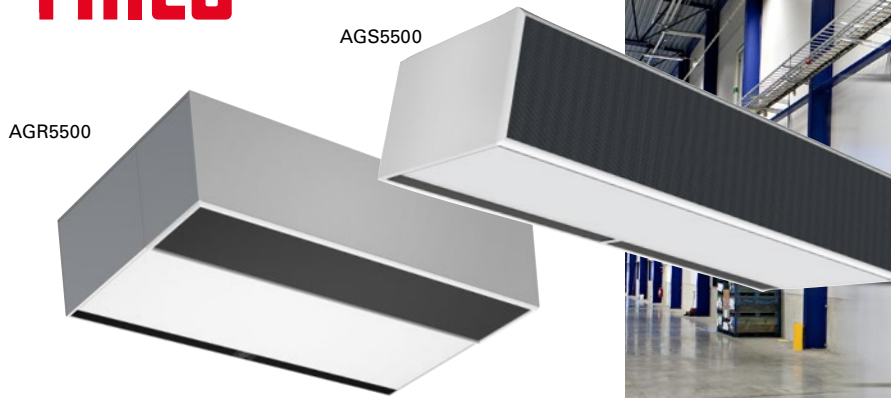




## AGS5500/AGR5500

Air curtain for doors in industrial and large premises, with intelligent control

Recommended installation height 5,5 m\*

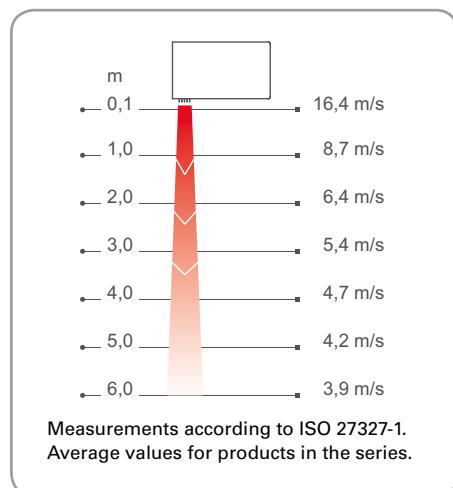
AGS/AGR is a powerful air curtain series intended for industrial doors but it can also be used for entryways in other large premises such as shopping malls. AGS5500 is surface mounted and AGR5500 is intended for recessed mounting.

- The following models are available for special order:
  - with electrical heating
  - with alternative water connections
  - for vertical installation
- The grille is easy to clean from the outside.
- Adjustable outlet grille makes it possible to direct the air for optimum air curtain effect.
- Corrosion proof housing made of hot zinc-plate and powder enamelled steel panels. Colour: white, RAL 9016, NCS S 0500-N. Colour grille: grey, RAL 7046.



Optimized airflow with Thermozone technology.

### Air velocity profile



### Control



SIRe Basic



SIRe Competent



SIRe Advanced

This air curtain is supplied prepared for the SIRe control system that has many smart and energy saving functions. There are three different levels with different functionality to choose from, Basic, Competent or Advanced. Water heated units must always be supplemented with valves. For further information and options, see the "Controls" section.

\*) Recommended installation height varies depending on the relevant premises.

## Surface mounting

✿ Ambient, no heat - AGS5500 A (IP24)

| Type     | Output<br>[kW] | Airflow* <sup>1</sup><br>[m³/h] | Sound power* <sup>2</sup><br>[dB(A)] | Sound pressure* <sup>3</sup><br>[dB(A)] | Voltage motor<br>[V] | Amperage motor<br>[A] | Length<br>[mm] | Weight<br>[kg] |
|----------|----------------|---------------------------------|--------------------------------------|-----------------------------------------|----------------------|-----------------------|----------------|----------------|
| AGS5515A | 0              | 2500/5800                       | 86                                   | 51/70                                   | 230V~                | 8,1                   | 1515           | 114            |
| AGS5520A | 0              | 3750/8700                       | 88                                   | 52/72                                   | 230V~                | 12,1                  | 2010           | 149            |
| AGS5525A | 0              | 5000/11600                      | 89                                   | 53/73                                   | 230V~                | 16,2                  | 2520           | 189            |
| AGS5530A | 0              | 6250/14500                      | 90                                   | 55/74                                   | 230V~                | 20,3                  | 3030           | 229            |

💧 Water heat - AGS5500 WL, coil for low water temperature (≤80 °C) (IP24)

| Type      | Output* <sup>5</sup><br>[kW] | Airflow* <sup>1</sup><br>[m³/h] | Δt* <sup>4,5</sup><br>[°C] | Water volume<br>[l] | Sound power* <sup>2</sup><br>[dB(A)] | Sound pressure* <sup>3</sup><br>[dB(A)] | Voltage motor<br>[V] | Amperage motor<br>[A] | Length<br>[mm] | Weight<br>[kg] |
|-----------|------------------------------|---------------------------------|----------------------------|---------------------|--------------------------------------|-----------------------------------------|----------------------|-----------------------|----------------|----------------|
| AGS5515WL | 26                           | 2500/5500                       | 19/14                      | 4,0                 | 85                                   | 50/69                                   | 230V~                | 7,7                   | 1515           | 131            |
| AGS5520WL | 45                           | 3750/8250                       | 22/16                      | 8,1                 | 86                                   | 51/70                                   | 230V~                | 11,6                  | 2010           | 177            |
| AGS5525WL | 59                           | 5000/11000                      | 21/16                      | 9,2                 | 88                                   | 52/72                                   | 230V~                | 15,4                  | 2520           | 222            |
| AGS5530WL | 71                           | 6250/13750                      | 20/15                      | 11,0                | 89                                   | 54/73                                   | 230V~                | 19,3                  | 3030           | 268            |

💧 Water heat - AGS5500 WH, coil for high temperature water (≥80 °C) (IP24)

| Type      | Output* <sup>6</sup><br>[kW] | Airflow* <sup>1</sup><br>[m³/h] | Δt* <sup>4,6</sup><br>[°C] | Water volume<br>[l] | Sound power* <sup>2</sup><br>[dB(A)] | Sound pressure* <sup>3</sup><br>[dB(A)] | Voltage motor<br>[V] | Amperage motor<br>[A] | Length<br>[mm] | Weight<br>[kg] |
|-----------|------------------------------|---------------------------------|----------------------------|---------------------|--------------------------------------|-----------------------------------------|----------------------|-----------------------|----------------|----------------|
| AGS5515WH | 34                           | 2500/5500                       | 25/18                      | 3,8                 | 85                                   | 50/69                                   | 230V~                | 7,7                   | 1515           | 129            |
| AGS5520WH | 57                           | 3750/8250                       | 27/20                      | 4,9                 | 86                                   | 51/70                                   | 230V~                | 11,6                  | 2010           | 169            |
| AGS5525WH | 74                           | 5000/11000                      | 27/20                      | 6,4                 | 88                                   | 52/72                                   | 230V~                | 15,4                  | 2520           | 213            |
| AGS5530WH | 92                           | 6250/13750                      | 27/20                      | 7,6                 | 89                                   | 54/73                                   | 230V~                | 19,3                  | 3030           | 258            |

## Recessed mounting

✿ Ambient, no heat - AGR5500 A (IP24)

| Type     | Output<br>[kW] | Airflow* <sup>1</sup><br>[m³/h] | Sound power* <sup>2</sup><br>[dB(A)] | Sound pressure* <sup>3</sup><br>[dB(A)] | Voltage motor<br>[V] | Amperage motor<br>[A] | Length<br>[mm] | Weight<br>[kg] |
|----------|----------------|---------------------------------|--------------------------------------|-----------------------------------------|----------------------|-----------------------|----------------|----------------|
| AGR5515A | 0              | 2500/5800                       | 86                                   | 51/70                                   | 230V~                | 8,1                   | 1515           | 134            |
| AGR5520A | 0              | 3750/8700                       | 88                                   | 52/72                                   | 230V~                | 12,1                  | 2010           | 174            |
| AGR5525A | 0              | 5000/11600                      | 89                                   | 53/73                                   | 230V~                | 16,2                  | 2520           | 219            |
| AGR5530A | 0              | 6250/14500                      | 90                                   | 55/74                                   | 230V~                | 20,3                  | 3030           | 269            |

💧 Water heat - AGR5500 WL, coil for low water temperature (≤80 °C) (IP24)

| Type      | Output* <sup>5</sup><br>[kW] | Airflow* <sup>1</sup><br>[m³/h] | Δt* <sup>4,5</sup><br>[°C] | Water volume<br>[l] | Sound power* <sup>2</sup><br>[dB(A)] | Sound pressure* <sup>3</sup><br>[dB(A)] | Voltage motor<br>[V] | Amperage motor<br>[A] | Length<br>[mm] | Weight<br>[kg] |
|-----------|------------------------------|---------------------------------|----------------------------|---------------------|--------------------------------------|-----------------------------------------|----------------------|-----------------------|----------------|----------------|
| AGR5515WL | 26                           | 2500/5500                       | 19/14                      | 4,0                 | 85                                   | 50/69                                   | 230V~                | 7,7                   | 1515           | 151            |
| AGR5520WL | 45                           | 3750/8250                       | 22/16                      | 8,1                 | 86                                   | 51/70                                   | 230V~                | 11,6                  | 2010           | 208            |
| AGR5525WL | 59                           | 5000/11000                      | 21/16                      | 9,2                 | 88                                   | 52/72                                   | 230V~                | 15,4                  | 2520           | 252            |
| AGR5530WL | 71                           | 6250/13750                      | 20/15                      | 11,0                | 89                                   | 54/73                                   | 230V~                | 19,3                  | 3030           | 308            |

💧 Water heat - AGR5500 WH, coil for high temperature water (≥80 °C) (IP24)

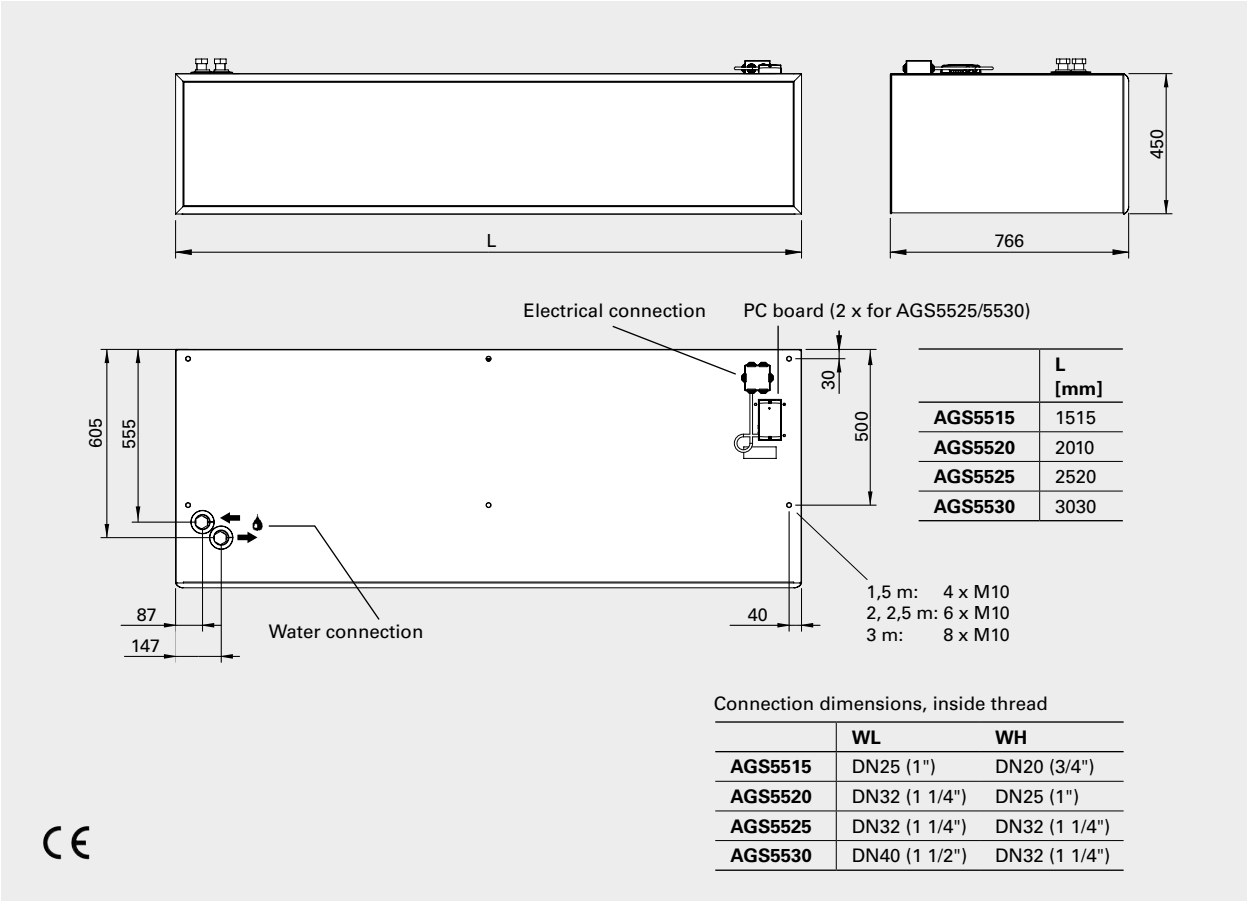
| Type      | Output* <sup>6</sup><br>[kW] | Airflow* <sup>1</sup><br>[m³/h] | Δt* <sup>4,6</sup><br>[°C] | Water volume<br>[l] | Sound power* <sup>2</sup><br>[dB(A)] | Sound pressure* <sup>3</sup><br>[dB(A)] | Voltage motor<br>[V] | Amperage motor<br>[A] | Length<br>[mm] | Weight<br>[kg] |
|-----------|------------------------------|---------------------------------|----------------------------|---------------------|--------------------------------------|-----------------------------------------|----------------------|-----------------------|----------------|----------------|
| AGR5515WH | 34                           | 2500/5500                       | 25/18                      | 3,8                 | 85                                   | 50/69                                   | 230V~                | 7,7                   | 1515           | 149            |
| AGR5520WH | 57                           | 3750/8250                       | 27/20                      | 4,9                 | 86                                   | 51/70                                   | 230V~                | 11,6                  | 2010           | 194            |
| AGR5525WH | 74                           | 5000/11000                      | 27/20                      | 6,4                 | 88                                   | 52/72                                   | 230V~                | 15,4                  | 2520           | 243            |
| AGR5530WH | 92                           | 6250/13750                      | 27/20                      | 7,6                 | 89                                   | 54/73                                   | 230V~                | 19,3                  | 3030           | 298            |

\*<sup>1</sup>) Lowest/highest airflow of totally 5 fan steps.\*<sup>2</sup>) Sound power ( $L_{WA}$ ) measurements according to ISO 27327-2: 2014, Installation type E.\*<sup>3</sup>) Sound pressure ( $L_{pA}$ ). Conditions: Distance to the unit 5 metres. Directional factor: 2. Equivalent absorption area: 200 m². At lowest/highest airflow.\*<sup>4</sup>) Δt = temperature rise of passing air at maximum heat output and lowest/highest airflow.\*<sup>5</sup>) Applicable at water temperature 60/40 °C, air temperature, in +18 °C.\*<sup>6</sup>) Applicable at water temperature 80/60 °C, air temperature, in +18 °C.

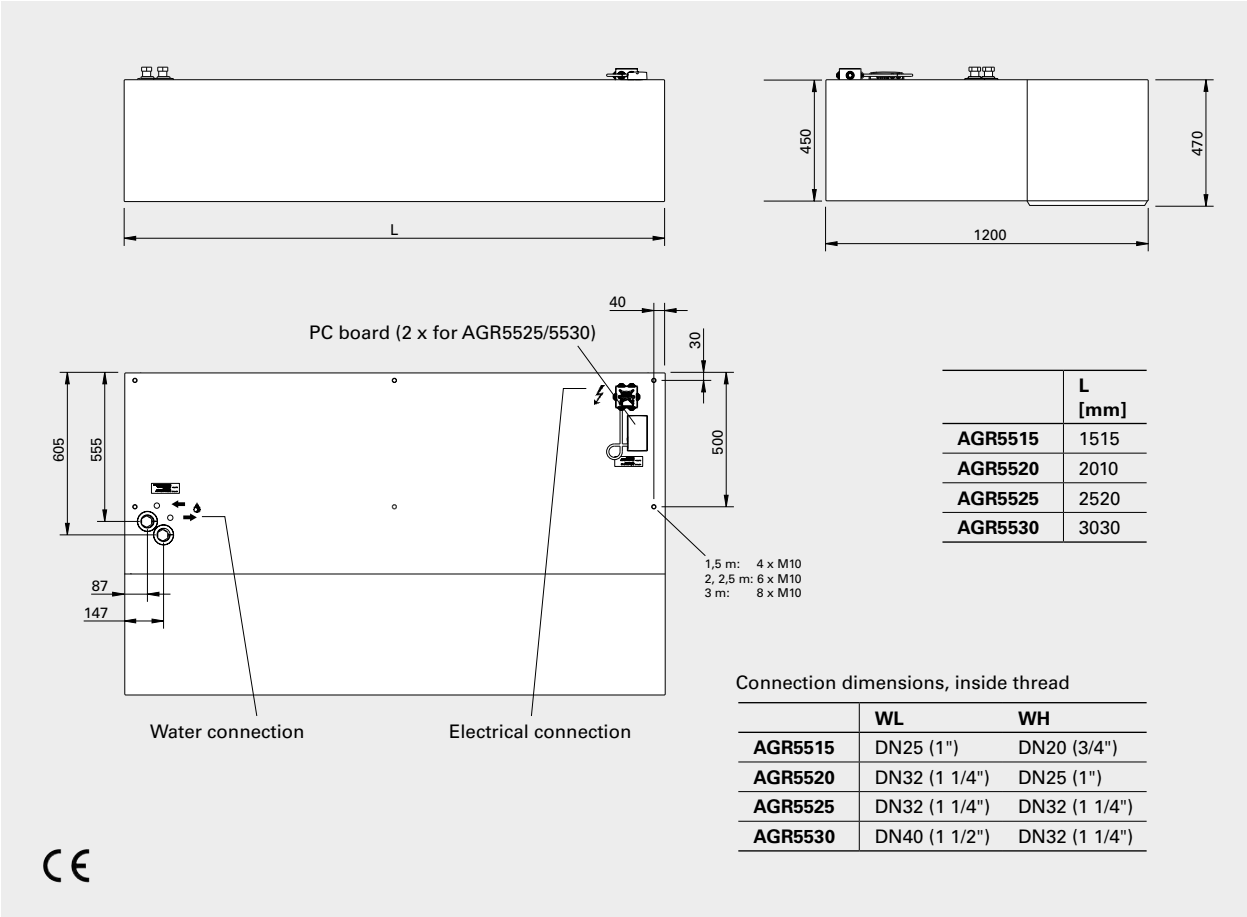
Models 1,5m – 2,5m approved for 220-230V/1ph/60Hz are available on request. Product performance for 220-230V/1ph/60Hz will differ from stated data.

AGS5500/AGR5500

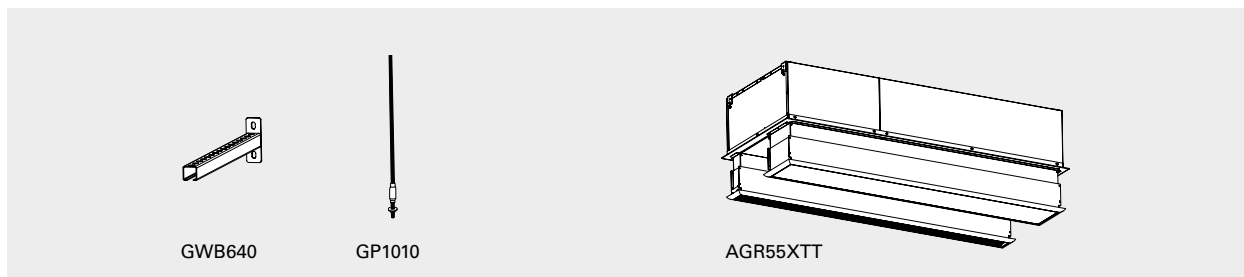
Dimensions AGS5500



Dimensions AGR5500



## Accessories



### GWB640, wall bracket

Brackets for installing unit horizontally on a wall. Two are required for 1 and 1.5 metre units, while 2 and 2.5 metre units need three and 3 metre units need four.

### GP1010, threaded bar

Threaded bar for mounting in ceilings. Length 1 m. M10. Four are required for 1 and 1.5 metre units, while 2 and 2.5 metre units need six and 3 metre units need eight.

### AGR55XTT, extension

Outlet/inlet extension for a discreet installation with only the outlet and inlet visible in the ceiling.

| Type              | Description                    | Length     |
|-------------------|--------------------------------|------------|
| <b>GWB640</b>     | Wall bracket                   | 640 mm     |
| <b>GP1010</b>     | Threaded bar                   | 1 m        |
| <b>AGR55XTT15</b> | Outlet/inlet extension AGR5515 | 133-200 mm |
| <b>AGR55XTT20</b> | Outlet/inlet extension AGR5520 | 133-200 mm |
| <b>AGR55XTT25</b> | Outlet/inlet extension AGR5525 | 133-200 mm |
| <b>AGR55XTT30</b> | Outlet/inlet extension AGR5530 | 133-200 mm |

For mounting, connection, wiring diagrams and other technical information, please see the manual.

