

# aeroSchwank...

## Gas-Fired Unit Heaters



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INNOVATIVE HEATING SOLUTIONS

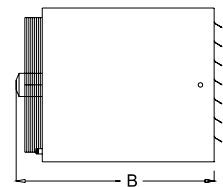
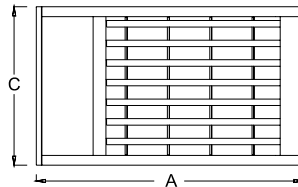


# aeroSchwank AT - Unit Heater

## Gas-Fired Unit Heater Type ATH



- Modular burner system for a secure operation and longevity
- High efficient aluminized steel heat exchanger
- High performance axial fan for longevity
- Optional 2-stage feature - saves energy and improves heating comfort
- Adjustable, vertical louvers for optimal air distribution
- Simple control - low cost due to easy control and installation
- Quiet
- White casing



### PRODUCT RANGE

| Type                         |       | AT 16 H  | AT 20 H | AT 28 H | AT 35 H | AT 45 H | AT 55 H | AT 75 H | AT95H |
|------------------------------|-------|--|---------|---------|---------|---------|---------|---------|-------|
| Gas input                    | kW    | 16   | 21      | 28      | 35      | 45      | 55      | 71      | 92    |
| Nominal output               | kW    | 14,6   | 19,5    | 25,5    | 31,5    | 40,5    | 50      | 64,4    | 84    |
| Air circulation at 50 °C     | m³/h  | 1 500  | 1 625   | 2 250   | 3 250   | 4 400   | 5 400   | 6 400   | 8 800 |
| Increase of temperature      | K     | 32   | 40      | 36      | 32      | 30      | 30      | 32      | 31    |
| Throwing range               | m     | 12   | 12      | 16      | 23      | 26      | 28      | 30      | 30    |
| Sound pressure level         | dB(A) | 39   | 39      | 40      | 41      | 46      | 51      | 52      | 49    |
| Length A                     | mm    | 810  | 1 040   | 1 040   | 1 040   | 1 040   | 1 040   | 1 120   | 1 120 |
| Depth B                      | mm    | 780  | 800     | 820     | 820     | 820     | 840     | 840     | 840   |
| Height C                     | mm    | 356  | 460     | 460     | 510     | 570     | 700     | 825     | 1 075 |
| Flue / combustion connection | mm    | 80/125   |         |         |         | 100/100 | 130/130 |         |       |
| Weight                       | kg    | 75   | 82      | 82      | 90      | 105     | 127     | 145     | 185   |
| Electrical supply            | Volt  | Single-phase alternating current 230 V, N, PE, 50 cycles |         |         |         |         |         |         |       |
| Electrical power             | VA    | 290  | 300     | 310     | 320     | 350     | 500     | 580     | 750   |
| Gas connection               | inch  | 1/2"   | 1/2"    | 1/2"    | 1/2"    | 1/2"    | 1/2"    | 3/4"    | 3/4"  |

#### Min. Line Pressure

Nat. gas H: 20 mbar  
 Nat. gas L: 25 mbar  
 LPG: 37 mbar

#### Max. Line Pressure

Nat. gas or LPG: 60 mbar

#### Germany

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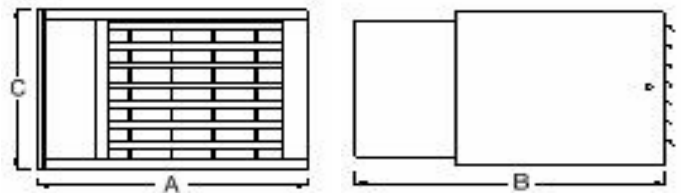


# aeroSchwank AT - Unit Heater

## Centrifugal-Gas-Fired Unit Heater Type ATC



- Modular burner system for a secure operation and longevity
- High performance radial fan made of aluminum for longevity
- High efficient aluminized steel heat exchanger
- Optional outside air connection for air renewal
- Simple control - low cost due to easy control and installation
- White casing
- Frame for channel outlet (or optional grid)
- Centrifugal fan with fan casing



| PRODUCT RANGE                |                   |  |         |         |         |         |         |
|------------------------------|-------------------|--|---------|---------|---------|---------|---------|
| Type                         |                   | AT 20 C  | AT 28 C | AT 35 C | AT 45 C | AT 55 C | AT 75 C |
| Gas input                    | kW                | 21   | 28      | 35      | 45      | 55      | 71      |
| Nominal output               | kW                | 19,5   | 25,5    | 31,5    | 40,5    | 50      | 64,4    |
| Air circulation at 50 °C     | m <sup>3</sup> /h | 1 900  | 2 300   | 3 150   | 4 350   | 4 950   | 6 050   |
| Increase of temperature      | Pa                | 120  | 90      | 130     | 110     | 130     | 130     |
| Length A                     | mm                | 1 040  | 1 040   | 1 040   | 1 040   | 1 040   | 1 120   |
| Depth B                      | mm                | 1 160  | 1 160   | 1 160   | 1 260   | 1 260   | 1 260   |
| Height C                     | mm                | 460  | 460     | 510     | 570     | 700     | 825     |
| Flue / combustion connection | mm                | 80/125   |         |         | 100/100 | 130/130 |         |
| Weight                       | kg                | 110  | 117     | 125     | 140     | 165     | 180     |
| Electrical supply            | Volt              | Single-phase alternating current 230 V, N, PE, 50 cycles |         |         |         |         |         |
| Electrical power             | VA                | 860  | 900     | 920     | 1 250   | 1 350   | 1 700   |
| Gas connection               | inch              | 1/2"   | 1/2"    | 1/2"    | 1/2"    | 1/2"    | 3/4"    |

### Min. Line Pressure

Nat. gas H: 20 mbar  
 Nat gas L: 25 mbar  
 LPG: 37 mbar

### Max. Line Pressure

Nat. gas/LPG: 60 mbar

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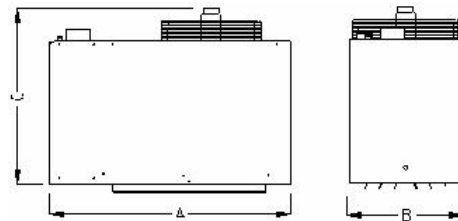
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# aeroSchwank AT - Unit Heater

## Suspended Gas-Fired Unit Heater with Downward Warm Air Discharge Type ATV



- 2-in-1 product - vertical unit heater incl. downward warm air discharge; i.e., reduction of investment and operating cost since no additional destratification fans necessary
- Reduction of warm air cushion below the roof
- High efficient aluminized steel heat exchanger
- Modulating burner (2-stage): 70-100%
- High performance axial fan for longevity
- Adjustable air discharge for optimal air distribution
- Simple control - low cost due to easy control and installation
- White casing



### PRODUCT RANGE

| Type                         |       | AT 36 V  | AT 45 V | AT 55 V | AT 75 V | AT 95 V |
|------------------------------|-------|--|---------|---------|---------|---------|
| Gas input max.               | kW    | 36   | 45      | 55      | 71      | 92      |
| Nominal output min.          | kW    | 25,2   | 31,5    | 38,5    | 50      | 64,4    |
| Air circulation at 50 °C     | m³/h  | 3 250  | 4 4000  | 5 400   | 6 400   | 8 800   |
| Increase of temperature      | K     | 33   | 30      | 30      | 32      | 31      |
| Installation height          | m     | 4/6  | 5/8     | 5/10    | 6/12    | 6/12    |
| Sound pressure level         | dB(A) | 41   | 46      | 51      | 52      | 49      |
| Length A                     | mm    | 810  | 1 040   | 1 040   | 1 120   | 1 120   |
| Depth B                      | mm    | 820  | 820     | 840     | 840     | 840     |
| Height C                     | mm    | 570  | 570     | 700     | 825     | 1 045   |
| Flue / combustion connection | mm    | 80/125   | 100/100 | 130/130 |         |         |
| Weight                       | kg    | 90   | 105     | 127     | 145     | 185     |
| Electrical Supply            | Volt  | Single-phase alternating current 230 V, N, PE, 50 cycles |         |         |         |         |
| Electrical Power             | VA    | 320  | 350     | 500     | 580     | 750     |
| Gas connection               | inch  | 1/2"   | 1/2"    | 1/2"    | 3/4"    | 3/4"    |

#### Min. Line Pressure

Nat. gas H: 20 mbar  
 Nat. gas L: 25 mbar  
 LPG: 37 mbar

#### Max. Line Pressure

LPG: 60 mbar

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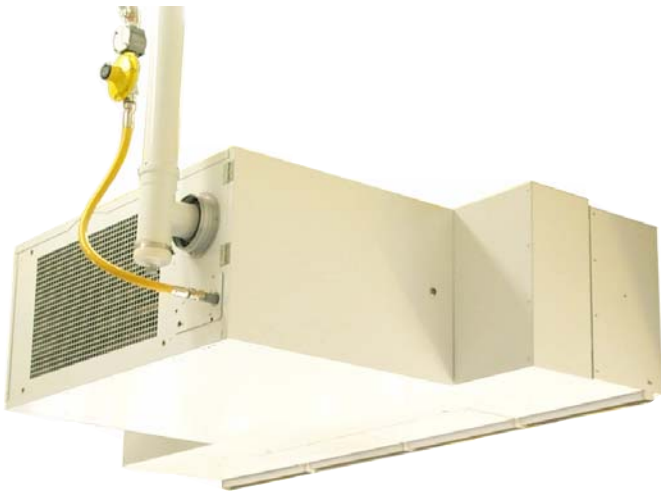
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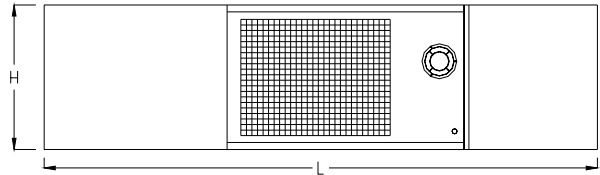
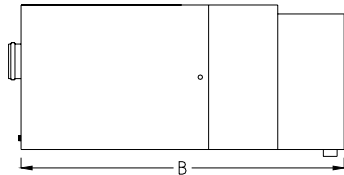


# aeroSchwank AT - Warm Air Curtain

## Gas-Fired Warm Air Curtain Type YAC



- Comfort for loading bays; Reduction of transmission losses
- High efficient aluminized steel heat exchanger
- Adjustable air distributor
- 2-stage temperature controlled gas burner with integrated power adjustment
- Simple control - low cost due to easy control and installation
- Brackets included in delivery
- Variable air circuit, optional speed controller



### PRODUCT RANGE

| Type                          |      | YAC 16   | YAC36 | YAC45     |
|-------------------------------|------|--|-------|-----------|
| Gas input max.                | kW   | 16   | 36    | 45        |
| Gas input min.                | kW   | 11,5   | 25,2  | 31,5      |
| Air circulation at 50 °C      | m³/h | 2 950  | 3 750 | 5 000     |
| Increase of temperature       | K    | 14,5   | 25,4  | 23,8      |
| Installation height (min/max) | m    | 2,2 / 3,5  | 3 / 5 | 3 / 5     |
| Length L                      | mm   | 1 800  | 1 500 | 2 000     |
| Depth B                       | mm   | 1 168  | 1 168 | 1 168     |
| Height C                      | mm   | 356  | 570   | 570       |
| Weight                        | kg   | 125  | 140   | 165       |
| Flue / combustion connection  | mm   | 80 / 125   |       | 100 / 100 |
| Electrical supply             | Volt | Single-phase alternating current 230 V, N, PE, 50 cycles |       |           |
| Electrical Power              | VA   | 660  | 790   | 1 020     |
| Gas connection                | inch | 1/2"   | 1/2"  | 1/2"      |

#### Min. Line Pressure

Nat. Gas H: 20 mbar  
 Nat. Gas L: 25 mbar  
 LPG: 37 mbar

#### Max. Line Pressure

LPG: 60 mbar

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# aeroSchwank AT - Destratification Fan

## Destratification Fan Type SDS



- Energy savings of up to 30% due to downward warm air discharge for a balanced temperature distribution
- Attached thermostat for automatic control
- Air circulation from 3 800 to 10 800 m<sup>3</sup>/h
- Installation height up to 10 m
- Adjustable air discharge for optimal air distribution
- Simple control - low cost due to easy control and installation
- White casing

| PRODUCT RANGE            |                   |  |       |        |
|--------------------------|-------------------|--|-------|--------|
| Type                     |                   | SDS 4  | SDS 6 | SDS 10 |
| Air circulation          | m <sup>3</sup> /h | 3 800  | 5 800 | 10 800 |
| Velocity                 | Upm               | 900  | 900   | 900    |
| Installation height max. | m                 | 4  | 6     | 10     |
| Sound pressure level     | dB(A)             | 41   | 48    | 51     |
| Weight                   | kg                | 18   | 21    | 36     |
| Electrical supply        | Volt              | Single-phase alternating current 230 V, N, PE, 50 cycles |       |        |
| Number of fans           | St.               | 1  | 1     | 2      |



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