

# TANNER MDE

Electric air heater  
with axial fan

Output from 6 to 51 kW.



For more information,  
downloads and  
videos, visit the Tanner  
MDE page on our  
website





## Electric air heater for effective heating

The TANNER MDE is a suspended electric air heater for permanent use. The unit is equipped with horizontally adjustable discharge blades and can be mounted with the optional wall bracket. The unit has a powerful axial fan, which means that the unit has many applications.

The TANNER MDE is designed for use in showrooms, changing rooms, industrial halls, ships and garages.

The TANNER MDE can be operated with an external selector switch. The switch has the following positions:

- Ventilation
- Heating high
- Heating low

The unit is equipped with a thermostat connection.

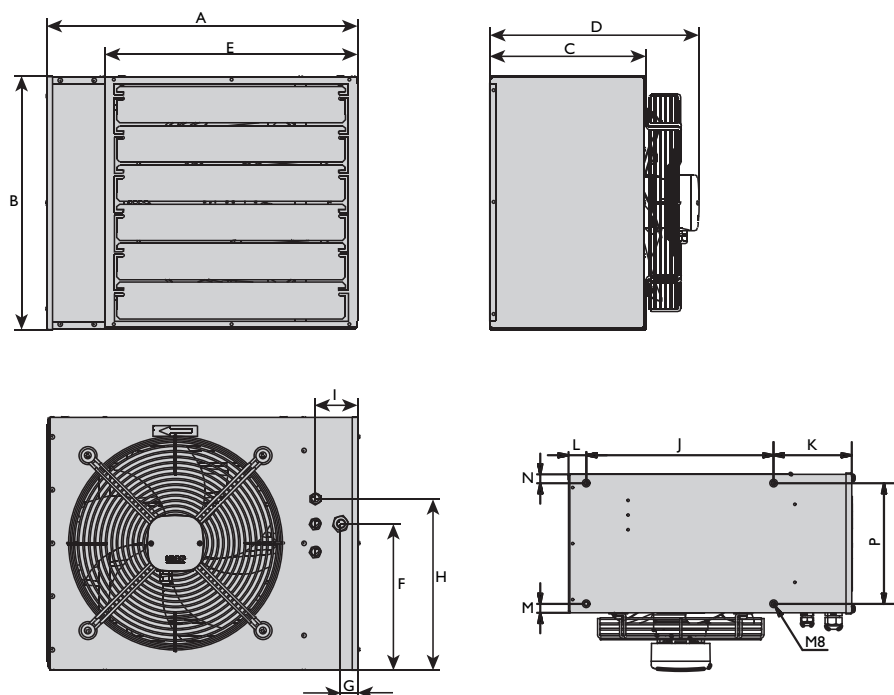
### Product features

- Aluzinc housing
- 400V version
- IP 00B
- Long lifetime
- Low noise level
- Integrated electronic thermal protection
- Post-running thermostat for efficient cooling.



Remote control possible with the PinTherm Infra Connect IoT! Control the thermostat from anywhere in the world via a secure Cloud environment in the browser of your PC, tablet or smartphone. No need to open a firewall port for this. With the optional WiFi module, a LAN cable is also no longer needed for the thermostat.

## Dimensions

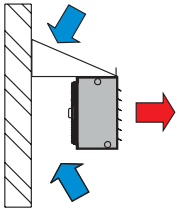


| Type | A   | B   | C   | D   | E   | F   | G  | H   | I  | J   | K   | L  | M  | N  | O   | P   |
|------|-----|-----|-----|-----|-----|-----|----|-----|----|-----|-----|----|----|----|-----|-----|
| 6    | 480 | 380 | 240 | 330 | 380 | 190 | 30 | 235 | 75 | 318 | 133 | 30 | 15 | 15 | 318 | 205 |
| 9    | 480 | 380 | 240 | 330 | 380 | 190 | 30 | 235 | 75 | 318 | 133 | 30 | 15 | 15 | 318 | 205 |
| 12   | 550 | 450 | 280 | 370 | 450 | 260 | 30 | 305 | 75 | 390 | 133 | 30 | 35 | 35 | 390 | 205 |
| 15   | 550 | 450 | 280 | 370 | 450 | 260 | 30 | 305 | 75 | 390 | 133 | 30 | 35 | 35 | 390 | 205 |
| 24   | 660 | 570 | 300 | 440 | 550 | 290 | 30 | 330 | 75 | 390 | 195 | 78 | 45 | 45 | 390 | 205 |
| 30   | 660 | 570 | 300 | 440 | 550 | 290 | 30 | 330 | 75 | 390 | 195 | 78 | 45 | 45 | 390 | 205 |
| 42   | 660 | 570 | 300 | 440 | 550 | 290 | 40 | 330 | 85 | 390 | 195 | 78 | 45 | 45 | 390 | 205 |
| 51   | 830 | 730 | 350 | 490 | 715 | 450 | 40 | 530 | 85 | 665 | 136 | 29 | 32 | 37 | 665 | 281 |

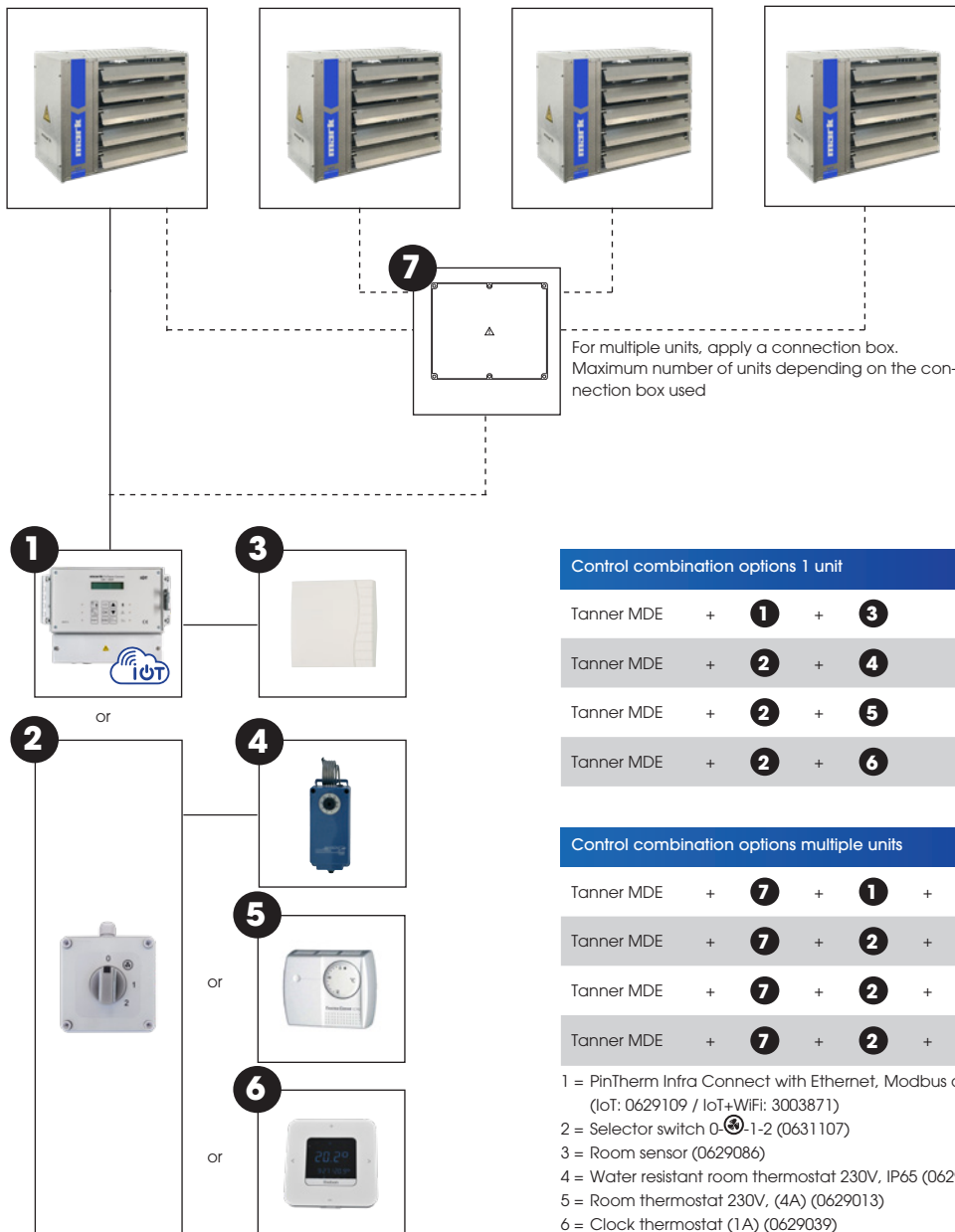
## Technical information

| Type                        |       | 6           | 9       | 12      | 15   | 24      | 30    | 42      | 51      |
|-----------------------------|-------|-------------|---------|---------|------|---------|-------|---------|---------|
| Nominal power               | kW    | 6           | 9       | 12      | 15   | 24      | 30    | 42      | 51      |
| Power steps                 | kW    | 3+3         | 4,5+4,5 | 6+6     | 9+6  | 12+12   | 15+15 | 24+18   | 24+27   |
| Supply voltage (50Hz)       | V     | 3x400V+N+PE |         |         |      |         |       |         |         |
| Consumed current            | A     | 8,7         | 13,0    | 17,3    | 21,7 | 34,7    | 43,4  | 60,7    | 73,7    |
| Air displacement            | m³/h  | 800         | 800     | 1600    | 1600 | 2800    | 2800  | 4450    | 6495    |
| Speed                       | rpm   | 1400        | 1400    | 1000    | 1000 | 1000    | 1000  | 1400    | 1000    |
| Delta T (ΔT)                | K     | 22,5        | 33,8    | 22,6    | 28,2 | 25,7    | 32,1  | 28,3    | 23,6    |
| Weight                      | kg    | 13          | 14      | 19      | 20   | 30      | 32    | 36      | 53      |
| Noise at 5 m                | dB(A) | 38          | 38      | 48      | 48   | 50      | 50    | 50      | 52      |
| Throw                       | m     | 8           | 8       | 12      | 12   | 17      | 17    | 20      | 25      |
| Protection class            | IP    | 00B         | 00B     | 00B     | 00B  | 00B     | 00B   | 00B     | 00B     |
| Recommended circuit breaker | A     | B16         | B20     | B25     | B32  | B50     | B63   | B80     | B100    |
| Recommended isolator switch |       | 0631147     |         | 0631148 |      | 0631149 |       | 0631144 | 0631145 |

## Assembly/location suggestions



## Controls



### Control combination options 1 unit

Tanner MDE + 1 + 3

Tanner MDE + 2 + 4

Tanner MDE + 2 + 5

Tanner MDE + 2 + 6

### Control combination options multiple units

Tanner MDE + 7 + 1 + 3

Tanner MDE + 7 + 2 + 4

Tanner MDE + 7 + 2 + 5

Tanner MDE + 7 + 2 + 6

## Prices Tanner MDE



## PRODUCT - ELECTRICAL AIR HEATER TANNER MDE, 3-PHASE 400V / 50HZ

| Code nr. | Description   | Price  |
|----------|---------------|--------|
| 5017002  | Tanner MDE 6  | € 1088 |
| 5017003  | Tanner MDE 9  | € 1198 |
| 5017004  | Tanner MDE 12 | € 1442 |
| 5017005  | Tanner MDE 15 | € 1610 |
| 5017008  | Tanner MDE 24 | € 1919 |
| 5017010  | Tanner MDE 30 | € 2048 |
| 5017014  | Tanner MDE 42 | € 2232 |
| 5017017  | Tanner MDE 51 | € 2722 |

## ACCESSORIES - ASSEMBLY

| Code nr. | Description                               | Price |
|----------|-------------------------------------------|-------|
| 5064047  | Set wall brackets for horizontal air flow | € 80  |

## ACCESSORIES - CONTROLS

| Code nr.     | Description                                                                                            | Price  |
|--------------|--------------------------------------------------------------------------------------------------------|--------|
| 7 3004475    | Connection box for max. 4x Tanner MDE and selector switch and room thermostat*                         | € 899  |
| 7 3004476    | Connection box for max. 4x Tanner MDE and PinTherm Infra Connect*                                      | € 852  |
| 7 3004477    | Connection box for max. 8x Tanner MDE and selector switch and room thermostat*                         | € 1252 |
| 7 3004478    | Connection box for max. 8x Tanner MDE and PinTherm Infra Connect*                                      | € 1168 |
| 4 0629004    | Water resistant room thermostat, 230V, IP65                                                            | € 284  |
| 5 0629013    | Room thermostat 230V, (4A)                                                                             | € 58   |
| 6 0629039    | Clock thermostat (1A)                                                                                  | € 394  |
| 1 0629109-50 | PinTherm Infra Connect IoT room thermostat with Ethernet, Modbus and Cloud control                     | € 835  |
| 1 3003871    | PinTherm Infra Connect IoT/WiFi room thermostat with Ethernet, Modbus and Cloud control                | € 883  |
| 3 0629086    | Room sensor only in combination with 0629109-50/3003871                                                | € 93   |
| 2 0631107    | Selector switch 0-1-2                                                                                  | € 75   |
| 3004498      | Hybrid controller - hybrid control for combining a Mark air heater with a Mistral MDX heat pump system | € 1720 |
| 0631147      | Isolator switch 16A black                                                                              | € 55   |
| 0631148      | Isolator switch 32A black                                                                              | € 89   |
| 0631149      | Isolator switch 63A black                                                                              | € 110  |
| 0631144      | Isolator switch 80A black                                                                              | € 572  |

\* Pintherm Infra Connect or selector switch and room thermostat order separately.

For explanation see chapter control equipment

Want to reduce the gas consumption of your industrial hall or space? Then take advantage of our Hybrid Controller. This hybrid controller allows you to combine an existing or new electric air heater with our Mistral MDX heat pump system. The installable capacity of the Mistral MDX unit can be low because the electric heater(s) provide the required power during severe cold. In this way, one saves significantly on energy costs.

