



Designed to be installed on the fans discharge side. The minimum air speed through the heater must be 1,5 m/s. Maximum air temperature through the heater: 40°C.

- The heaters are fitted with:
- Electrical heater regulation, incorporated.
 - Armoured heating element.
 - Double protection circuit to connect to the heater control circuit by means of a safety overheat automatic thermostat connected in series with another safety overheat manual reset thermostat (RESET).
 - Wiring box IP43.

For correct operation, it must be installed with a temperature sensor (TG-K, TG-R430 or TG-R530). The temperature sensor installation in the duct TG-K must be a minimum distance of 1 meter between the sensor and the heater.

SELECTION EXAMPLE

- DATA:
- Airflow: 700 m³/h (Q)
 - Temp. of supplied air: 5°C
 - Temp. of exhausted air: 27°C

Electric heater POWER REQUIRED:
 $P = Q \times 0,36 \times \Delta T = 700 \times 0,36 \times 22 = 5544 \text{ W}$

- HEATER SELECTION MBE-200/50T-R or MBE-250/60T-R (Diagram 2)
 The final selection depends on:
- Total system pressure drop
 - Desired sound level
 - Available space

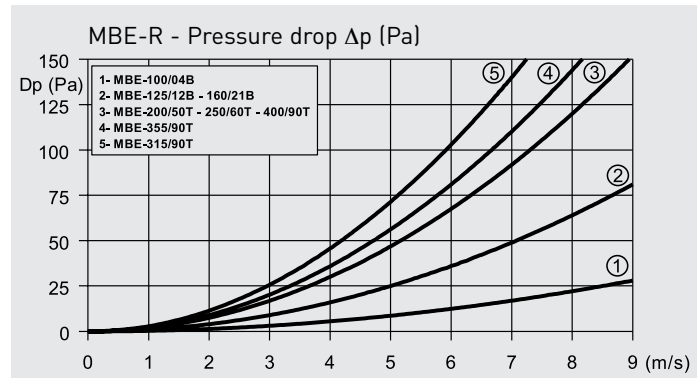


Diagram 1

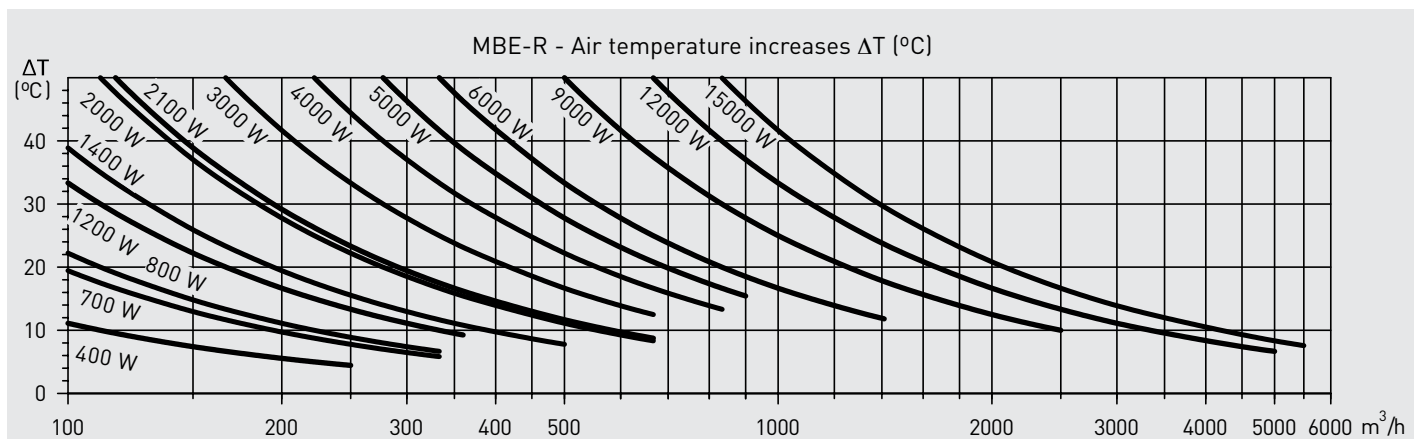


Diagram 2

TECHNICAL CHARACTERISTICS

Models	Voltage (V)	Power (W)	Minimum airflow (m ³ /h)	Ø (mm)
MBE-100/04B-R	1/230	400	50	100
MBE-100/08B-R	1/230	800	50	100
MBE-125/04B-R	1/230	400	70	125
MBE-125/08B-R	1/230	800	70	125
MBE-125/12B-R	1/230	1200	70	125
MBE-160/07B-R	1/230	700	110	160
MBE-160/14B-R	1/230	1400	110	160
MBE-160/21B-R	1/230	2100	110	160
MBE-200/20T-R	2/400	2000	170	200
MBE-200/30T-R	2/400	3000	170	200
MBE-200/40T-R	2/400	4000	170	200
MBE-200/50T-R	2/400	5000	170	200
MBE-200/60T-R	2/400	6000	170	200
MBE-250/20T-R	2/400	2000	270	250
MBE-250/30T-R	2/400	3000	270	250
MBE-250/40T-R	2/400	4000	270	250
MBE-250/50T-R	2/400	5000	270	250
MBE-250/60T-R	2/400	6000	270	250
MBE-250/90T-R	3/400	9000	270	250
MBE-315/30T-R	2/400	3000	430	315
MBE-315/60T-R	2/400	6000	430	315
MBE-315/90T-R	3/400	9000	430	315
MBE-315/120T-R	3/400	12000	430	315
MBE-355/60T-R	2/400	6000	540	355
MBE-355/90T-R	3/400	9000	540	355
MBE-355/120T-R	3/400	12000	540	355
MBE-400/60T-R	2/400	6000	680	400
MBE-400/90T-R	3/400	9000	680	400
MBE-400/120T-R	3/400	12000	680	400
MBE-400/150T-R	3/400	15000	680	400
MBE-500/60T-R		6000	1.070	500
MBE-500/90T-R		9000	1.070	500
MBE-500/120T-R		12000	1.070	500

DIMENSIONS (mm)

