

# Tower-AM

## Roof centrifugal fans

### Use

- Extract ventilation systems installed in various premises.
- Roof mounting.
- For any types of roofs or vertical ventilation shafts.
- Compatible with Ø 150 up to 315 mm round air ducts.



**Air flow:**  
up to 1880 m³/h  
522 l/s



**Power:**  
from 98 W



**Noise level:**  
from 47 dBA



### Design

- Steel casing with a special polymer atmospheric resistant coating.
- Horizontal air exhaust.
- The fan is rated for continuous operation.
- A connecting plate is designed to facilitate the fan mounting to the roof surface.

### Motor

- Single-phase external rotor motor and centrifugal impeller with backward curved blades.
- Dynamically balanced impeller.
- Equipped with ball bearings for longer service life.
- Overheating protection with built-in thermal switches with automatic restart.

### Speed control

- Step speed control with an external auto transformer (available upon separate order).

### Mounting

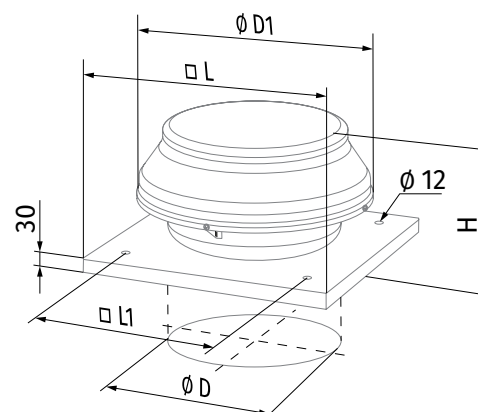
- Roof mounting directly above a ventilation shaft or air duct.
- The fan is connected to the air duct with the intake flange that is fixed to the fan base.
- The fan base is perforated for fixing bolts that attach the fan to a stable level surface or a roof frame.
- Roof frame, intake flange and fixing bolts are available on separate order.
- Power is supplied through an external terminal box.

### Designation key

Series	Spigot diameter [mm]
Tower-AM	150; 200; 250; 315

### Overall dimensions [mm]

Type	Ø D	Ø D1	H	L	L1	Weight [kg]
Tower-AM 150	149	400	230	440	330	7.2
Tower-AM 200	198	400	250	440	330	8.1
Tower-AM 250	248	400	249	590	450	10.1
Tower-AM 315	315	550	339	590	450	12.3



### Accessories

#### Silencers

#### Backdraft air dampers

#### Air dampers

#### Speed controllers



SD



VRV



VK / VKA



CDT1 E



CDT E1.8

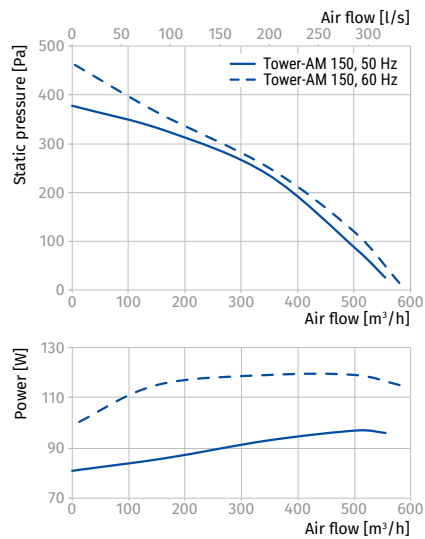


CDTE E... TP

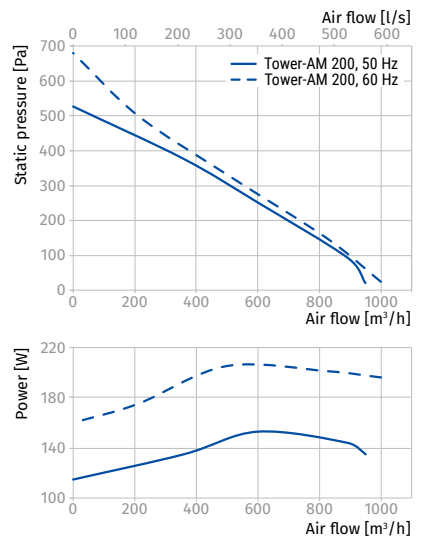
Technical data

Parameters	Tower-AM 150		Tower-AM 200		Tower-AM 250		Tower-AM 315	Tower-AM 315 (220V/60Hz)
Voltage [V]	1 ~ 230		1 ~ 230		1 ~ 230		1 ~ 230	1 ~ 230
Frequency [Hz]	50      60		50      60		50      60		50	60
Power [W]	98      119		154      205		194      240		296	285
Current [A]	0.43      0.52		0.67      0.9		0.85      1.05		1.34	1.23
Maximum air flow [m³/h (l/s)]	555 (154)      580 (161)		950 (264)      1000 (278)		1310 (364)      1340 (372)		1880 (522)	1655 (460)
RPM [min⁻¹]	2705      2855		2375      2510		2790      2860		2720	3024
Sound pressure at 3 m [dBA]	47      48		48      50		52      53		54	56
Max. transported air temperature [°C]	-25...+55      -25...+50		-25...+50      -25...+50		-25...+50      -25...+50		-25...+45	-25...+50
SEC class	B		B		-		-	-
IP rating	IPX4		IPX4		IPX4		IPX4	IPX4
Motor IP rating	IP44		IP44		IP44		IP44	IP44
ErP	2018		2018		2018		2018	-

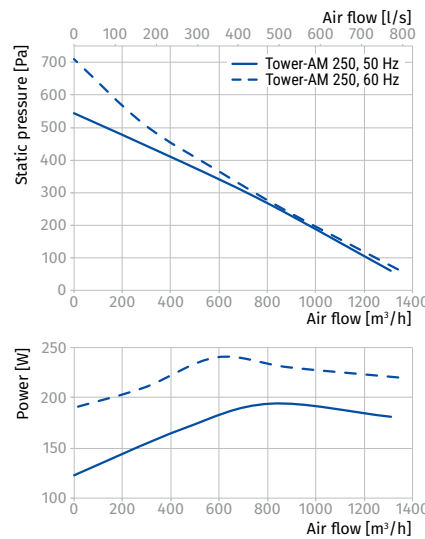
TOWER-AM 150



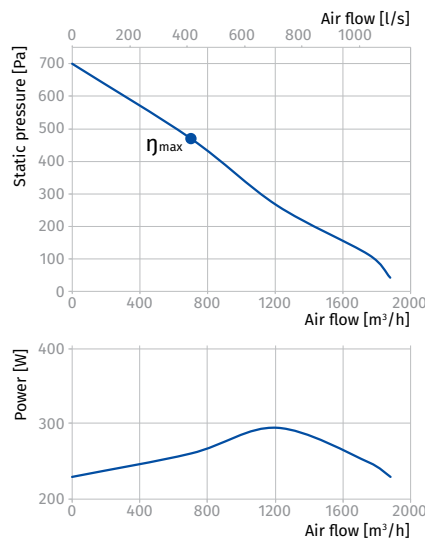
TOWER-AM 200



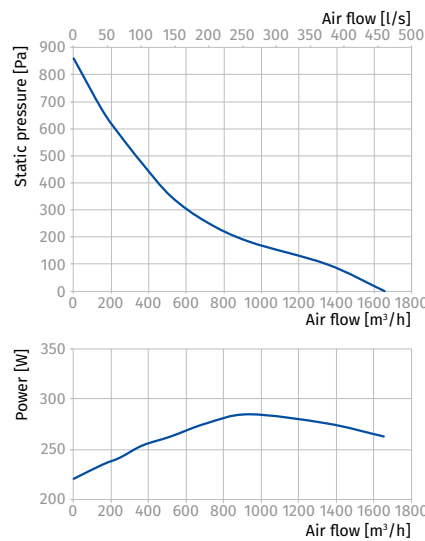
TOWER-AM 250



TOWER-AM 315



TOWER-AM 315 (220V/60HZ)



ROOF FANS