

AC axial fans - HyBlade®

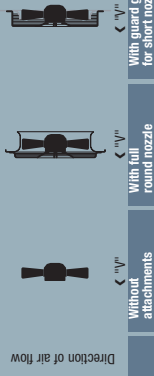
Ø 450



- Material:** Guard grille: Steel, phosphated and coated in black plastic (RAL9005)
Wall ring: Sheet steel, pre-galvanised and coated in black plastic (RAL9005)
Blades: Plastic PP
Rotor: Surface coated in black
Terminal box: Plastic ABS
- Number of blades:** 5
- Direction of rotation:** Counter-clockwise, seen on rotor
- Type of protection:** IP 54 (acc. to EN 60529)
- Insulation class:** "F"
- Mounting position:** Shaft horizontal or rotor on bottom; rotor on top on request
- Condensate discharge holes:** Rotor-side
- Mode of operation:** Continuous operation (S1)
- Bearings:** Maintenance-free ball bearings

Nominal data	Typ	Motor	Curve	Nominal voltage		Frequency	Speed (rpm ⁽¹⁾)	Max. input power ⁽¹⁾	Max. current draw ⁽¹⁾	Capacitor	Max. back pressure	Perm. amb. temp. °C	Mass without attachments	Electr. connection	
				VAC	Hz										
*4D 450	Ⓔ	M4D 094-EA	Ⓔ	3-400 Δ	50	1250	340	0.61	---	---	120	-25...+60	4.9	p. 61 / F1b,F2b)	
				3-400 Y	50	875	200	0.33	---	---	---	60	-25...+60		4.9
				3-400 Δ	60	1360	415	0.70	---	---	---	85	-25...+50		4.9
*4D 450	Ⓔ	M4D 094-HA	Ⓔ	3-400 Δ	50	1360	480	0.98	---	---	33	-25...+50	4.9	p. 61 / F1b,F2b)	
				3-400 Y	50	1110	340	0.58	---	---	---	90	-25...+65		7.5
				3-400 Δ	60	1510	690	1.20	---	---	---	145	-25...+50		7.5
(1) Nominal data in operating point with maximum load and 400 VAC subject to tolerances															

- Motor protection:** Design with thermal overload protector
- Leakage current:** < 3,5 mA acc. to EN 61800-5-1
- Electrical connection:** Via terminal box
- Protection class:** I acc. to EN 61800-5-1
- Product conforming to standards:** EN 60034-1; CE
- Approvals:** Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ CCC



Direction of air flow	Without attachments	With full round nozzle	With guard grille for short nozzle
"V"	A4D 450-AU01 -01	W4D450-CU01 -01	S4D 450-AU01 -01
"V"	A4D 450-A014 -01	W4D450-C014 -01	S4D 450-A014 -01

