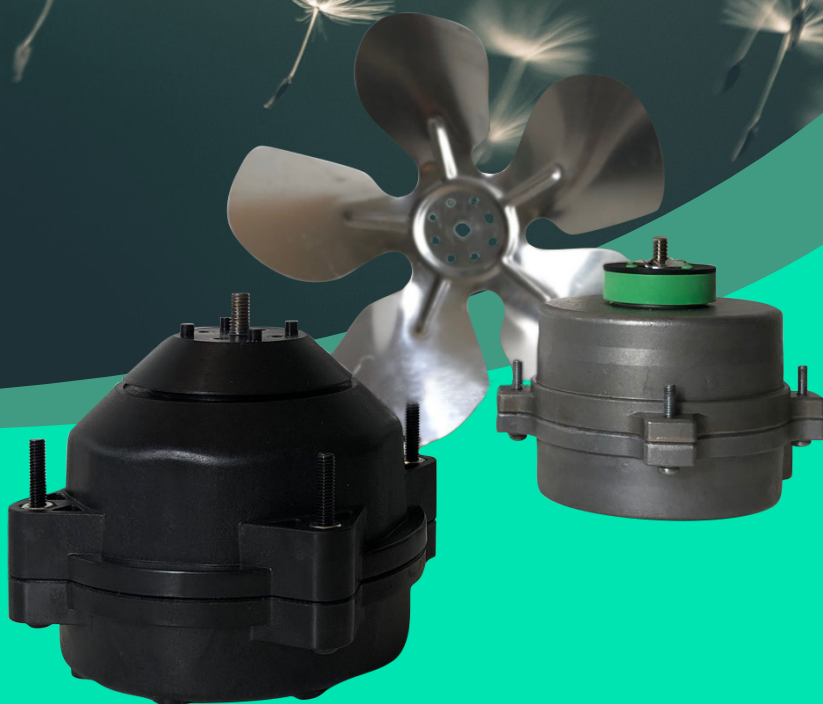


EC Fan Motors

Nidec



Embrital

Hermetic Compressors Distribution in Europe

EC FAN MOTORS - FEATURES

- ✓ Application: Commercial refrigeration
- ✓ Customizable speed: Available under request
- ✓ Reversible rotation: Available under request
- ✓ Lifetime: 80.000 Hrs tested
- ✓ IP rating: IP65
- ✓ Frame: Totally Enclosed Air Over (TEAO)
- ✓ Approvals: UL/VDE approved

EC FAN MOTORS - ADVANTAGES

- ✓ Higher efficiency: Energy saving
- ✓ Advanced design: Improved performance
- ✓ Compact dimension: Space saving
- ✓ Dual Voltage: Lower inventory count
- ✓ Mounting method: All common configuration

EC FAN MOTORS - TECHNICALITIES

Product ID	FP7S10U	FP8S15U	FP8S25U-964	DC24B7C
Voltage / Freq. [V / Hz]	110-240 / 50-60	103-240 / 50-60	103-240 / 50-60	24 DC
Max Motor Output [W]	10	15	25	5
Motor Input [W]	14	21	36	7
Average COP	70%	70%	70%	70%
Rated Speed [rpm]	1300 ± 5%	1300 ± 10%	1300 ± 10%	2650 ± 10%
Rotation Direction	CCW	CW	CW	CW
Max Supply Current [A]	0,2	0,4	0,8	0,2
Temp. Limits [°C]	-40 to +50	-40 to +50	-40 to +50	-40 to +50
Insulation Class	A	A	A	A
Diameter [mm]	84,0	84,0	85,0	120x120
Depth [mm]	75,0	81,0	81,0	38,0
Weight [kg]	0,500	0,700	0,700	0,250

FAN				Fixed - included
Diameter [mm]	172 to 254	172 to 254	172 to 254	120
Pitch angle [deg]	22 to 25	22 to 31	22 to 31	

Axial
Compact
Fan

