

> mcr MONSUN T-CW	> mcr FEN C	> mcr BORA T-T
 	 	 
Smoke exhaust	Smoke exhaust	Smoke exhaust
Axial wall-mounted smoke exhaust fan	Impulse smoke exhaust Jet Fan	Axial smoke exhaust Jet Fan (Tunnel-type)
EN 13501-4 EN 12101-3	EN 13501-4 EN 12101-3	EN 13501-4 EN 12101-3
CE	CE	CE
Ø450 - Ø1250 [mm]	Ø500, Ø750, Ø1000 [mm]	Ø560 - Ø1250 [mm]
F400 - 400°C/120 min	F300 - 300°C/60 min F400 - 400°C/120 min	F300 - 300°C/60 min F400 - 400°C/120 min
IP 55	IP 54/55	IP 55/IP65
0,75 kW - 45 kW	0,2 kW - 2,2 kW	7,5 kW - 55 kW
750; 1500 RPM	1500 RPM	1000; 1500; 3000 RPM
» Reinforced round casing » Polyester powder coating » Wall or duct mounting	» Low-profile design - max. height of 388 mm » Connection box	» Option to manufacture the fan from stainless steel » Connection box
Single-speed Two-speed	Single-speed Two-speed	Single-speed Two-speed
» Flexible connections » Counter flanges » Protective grille » Service switch » HB mounting frame	» Service switch » Shock absorber	» The noise muffler » Terminal box » Mounting feet » Vibration sensor » Temperature sensor
Unidirectional Reversible	Unidirectional	Unidirectional Reversible
✓	-	-



> Gdańsk
ul. Grzegorza z Sanoka 2
80-408 Gdańsk
(+48) 58 341 42 45
hw.export@mercor.com.pl

www.mercor.com.pl/en



PRODUCT BROCHURE

FANS



Fan	> mcr MONSUN BO > mcr MONSUN	> mcr BORA/BO > mcr BORA C/BO	> mcr MONSUN EI > mcr MONSUN F-CCT > mcr MONSUN F-CACT	> mcr FEN C/BO	> mcr FEN EC	> mcr PASAT	> mcr MONSUN R > mcr MONSUN T > mcr MONSUN T-CL > mcr MONSUN T-CS	> mcr MONSUN Lobby	> mcr BORA	> mcr MONSUN C > mcr MONSUN T-CCT > mcr MONSUN T-CT
Properties	 	 	 	 	 	 	 	 	 	 
Application	Comfort ventilation	Comfort ventilation	Comfort ventilation	Comfort ventilation	Comfort ventilation	Smoke exhaust	Smoke exhaust	Smoke exhaust	Smoke exhaust	Smoke exhaust
Type	Axial exhaust/air supply fan	Exhaust/air supply Jet fan	Axial exhaust/air supply fan	Impulse exhaust/air supply Jet Fan	Impulse exhaust/air supply Jet Fan	Radial roof smoke exhaust fan	Axial smoke exhaust fan	Axial smoke exhaust fan	Smoke exhaust Jet fan	Axial smoke exhaust fan
Standards	-	-	-	-	-	EN 13501-4 EN 12101-3	EN 13501-4 EN 12101-3	EN 13501-4 EN 12101-3	EN 13501-4 EN 12101-3	EN 13501-4 EN 12101-3
Declaration of Conformity	DZ	DZ	DZ	DZ	DZ	CE	CE	CE	CE	CE
Dimensions	ø350 - ø1500 [mm]	ø290 - ø560 [mm]	ø560 - ø1000 [mm]	ø560 [mm]	2xø250[mm]	ø500, ø630, ø710 [mm]	ø400 - ø1600 [mm]	ø500 - ø1250 [mm]	ø290 - ø560 [mm]	ø400 - ø1250 [mm]
Fire resistance rating	no fire resistance	no fire resistance	no fire resistance	no fire resistance	no fire resistance	F400 - 400°C/120 min F600 - 600°C/60 min	F300 - 300°C/60 min F400 - 400°C/120 min	F400 - 400°C/120 min	F300 - 300°C/60 min F400 - 400°C/120 min	F400 - 400°C/120 min
Protection rating	IP 55	IP 55	IP 54/55	IP 55	IP 44	IP 54	IP 55	IP 55	IP 55	IP 55
Nominal power	0,55 kW - 55 kW	0,55 kW - 22 kW	0,55 kW - 20 kW	1,1 kW - 2,2 kW	2x0,15 kW	0,75 kW - 30 kW	0,55 kW - 75 kW	1 kW - 55 kW	0,55 kW - 22 kW	0,55 kW - 37 kW
Rotational speed	750; 1000; 1500; 3000 RPM	1500; 3000 RPM	750; 1000; 1500; 3000 RPM	750; 1500 RPM	2500 RPM	750; 1000; 1500 RPM	750; 1000; 1500; 3000 RPM	1000; 1500 RPM	1500; 3000 RPM	750; 1000; 1500; 3000 RPM
Additional features	» Option for vertical or horizontal installation » Long or short casing » Connection box	» Connection box » Painted or galvanized casing	» Box-type construction, thermally and acoustically insulated » Option for vertical or horizontal installation » Aluminum or PVC impeller	» Galvanized casing made of steel sheet » Low-profile design - max. height of 352 mm » Connection box	» Speed control through a 0-10V or PWM signal » Galvanized casing made of steel sheet » Low-profile design - max. height of 204 mm	» Aluminum casing - low device mass » Connection box	» Option for vertical or horizontal installation » Long or short casing » Connection box	» Thermal insulation of the casing » Snow load class (SL-1000) » Connection box	» Connection box » Option for vertical or horizontal installation	» Box-type construction, thermally and acoustically insulated » Option for vertical or horizontal installation
Execution type	Single-speed Two-speed	Single-speed Two-speed	Single-speed Two-speed	Single-speed Two-speed	EC motor	Single-speed Two-speed	Single-speed Two-speed	Single-speed Two-speed	Single-speed Two-speed	Single-speed Two-speed
Additional Equipment	» Flexible connections » Counter flanges » Protective grille » Service switch » The noise muffler » Mounting feet » Shock absorber	» Service switch » Shock absorber » Deflectors	» Service switch » Protective grille » Flexible connections	» Service switch » Shock absorber	» Service switch » Shock absorber » Speed controller for EC motor	» Automatic non-return flap valve » Mounting adapter » Roof bases » Roof base with noise insulation » Service switch » Flexible connections » Counter flanges » Protective grille	» Flexible connections » Counter flanges » Protective grille » Service switch » The noise muffler » Automatic non-return flap valve » Mounting feet » Shock absorber	» Available version without fire resistance » Service switch	» Service switch » Shock absorber » Deflectors	» Protective grille » Service switch
Operating modes	Unidirectional Reversible	Unidirectional Reversible	Unidirectional Reversible	Unidirectional	Unidirectional	Unidirectional	Unidirectional Reversible	Unidirectional Reversible	Unidirectional Reversible	Unidirectional Reversible
ATEX execution	-	-	-	-	-	-	✓	-	-	✓