80026-709-01-R

Mixed Flow Fan

MF 560 series

Daltec Canadian Buffalo Manufacturing Ltd.
(d.b.a Daltec Process Fan)
465 Laird Rd, Guelph
Ontario , Canada , N1G 4W1
faninfo@daltecfans.com
www.daltecfans.com
Phone : +1-519-837-1921
Toll Free: 1-888-532-5832

Nominal Data

Part No.		80026-709-01-R
IdentificationPart No.		OEROCMF560380V001
Motor		3 HP 50 Hz 220 V
Phase		3~
Nominal Voltage	VAC	380
Nominal Voltage Range	VAC	380-400
Frequency	Hz	50
Method of obtaining data		ml
Speed (rpm)	min^{-1}	1460
Min ambient temperature	^{o}C	0
Max ambient temperature	^{o}C	50

ml = Max load | me= Max Efficiency |fa= free air|CS = customer specification | ce = customer equipment
subject to change

Data according to EU directive

a) Fan Type		Mixed Flow Fan	
		Actual	Req. 2026
b) Overall efficiency η	%	49.8	46.3
c) VSD / η calculation used VSD		No VSD/ No	
d) Measurement category		C	
e) Efficiency category		Static	
f) Efficiency grade* N		54	
g) Power consumption P_e	KW	2	

*Minimum efficency grade N= N_{min}= 57 + 7 • (α – 45) / 25 where blade angle α =33.35^{o}
Data obtained at optimum efficiency level
The Erp data is determined using a motor fan combination in a standardized measurement setup

h) Special Characteristics		No
i) DC voltage lower than 100 V		No
j) Elements supplied with fan		Motor-3 HP 50 Hz 380 V , Inlet Cone
k) Specific Speed		Not Applicable for Mixed Flow Fans
l) Speed (rpm)	min^{-1}	1460
m) Specific ratio*		1.01

*Specific Ratio = psg_1/psg_2 where psg_1 = $p_{ambient}$ =101325 Pa

n) Manufacturer Name	Daltec Canadian Buffalo Manufacturing Ltd. (d.b.a Daltec Process Fans)
Manufacturer Address	465 Laird Rd, Guelph, Ontario, Canada , N1G 4W1
Manufacturer Website	https://daltecfans.com
Contact Information	faninfo@daltecfans.com
Year of Manufacture	2025

o) Identification Part No.	OEROCMF560380V001
Part No.	80026-709-01-R

p) Information relevant for facilitating disassembly, recycling or disposal at end-of-life	The fan can be disassembled using spanners and torque wrench by a skilled operator. The impeller, impeller housing, inlet bell and motor are made from A36 Carbon steel which can be reused or recycled.
q) Information relevant to minimize impact on the environment and ensure optimal life expectancy as regards installation, use and maintenance of the fan	Running the fan at the correct duty point prevents excessive wear and unnecessary energy use. Dust and debris accumulation on blades reduces efficiency and increases strain on the motor.Recycle materials like steel casings, aluminum blades, and motors through certified facilities.Extend the fan's lifecycle by upgrading motors, instead of full replacement.

EU Declaration of Conformity

Doc No. / ID No. : 2025/203

We the undersigned,
Nous, les soussignés,

Manufacturer / Fabricant	:	**Daltec Canadian Buffalo Manufacturing Ltd. (**d.b.a **Daltec Process Fans)**
Address / Adresse	:	**465 Laird Rd, Guelph , Ontario, N1G 4W1**
Country / Pays	:	**Canada**
Phone Number / Numéro de téléphone	:	**+1-519-837-1921**
Email Address / Adresse e-mail	:	faninfo@daltecfans.com

declare under our sole responsibility that the following built-in component
Nous déclarons sous notre seule responsabilité que le composant intégré suivant :

part number / numéro de pièce : : **80026-709-01-R**

on condition of application as defined by Daltec Canadian Buffalo Manufacturing Ltd (d.b.a Daltec Process Fans), due to its construction and as supplied by Daltec Canadian Buffalo Manufacturing Ltd (Daltec Process Fans) complies with requirements of below mentioned European directives and regulation.

dans les conditions d'application qui sont définies par Daltec Canadian Buffalo Manufacturing Ltd (faisant affaire sous le nom de Daltec Process Fans), en raison de sa construction et tel que fourni par Daltec Canadian Buffalo Manufacturing Ltd (Daltec Process Fans), est conforme aux exigences des directives et règlements européens mentionnés ci-dessous.

Directive / Directives	:	**Energy related products 2009/125/EC**
Regulation / Règlement	:	**Eco-design requirements for fans (EU) No 2024/1834**
List of standards confirmity is declared to La conformité aux normes est déclarée selon	:	**AMCA 210-16**
Signed for and on behalf of Signé pour et au nom de	:	**Daltec Canadian Buffalo Manufacturing Ltd.(**d.b.a **Daltec Process Fans)**
Date of Issue / Date d'émission	:	**11/14/25**
Place / Lieu	:	**Canada**
Name / Nom	:	**Marcel Kamutzki**
Function / Fonction	:	**President & Technical Director**
Signature / Signature	: