

80026-734-03-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.                 | 80026-734-03-R    |         |
| IdentificationPart No.   | OEROCMF560400VHIN |         |
| Motor                    | 3 HP 50 Hz 400 V  |         |
| Phase                    | 3~                |         |
| Nominal Voltage          | VAC               | 400     |
| Nominal Voltage Range    | VAC               | 380-400 |
| Frequency                | Hz                | 50      |
| Method of obtaining data | ml                |         |
| Speed (rpm)              | min <sup>-1</sup> | 1460    |
| Min ambient temperature  | °C                | 0       |
| Max ambient temperature  | °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 $\eta$         | %              | 47.3       | 46.5      | h) Special Characteristics     |
| c) VSD / $\eta$ calculation used VSD |                | No VSD/ No |           | i) DC voltage lower than 100 V |
| d) Measurement category              |                | C          |           | j) Elements supplied with fan  |
| e) Efficiency category               |                | Static     |           | k) Specific Speed              |
| f) Efficiency grade* N               |                | 54         |           | l) Speed (rpm)                 |
| g) Power consumption $P_e$           | KW             | 2          |           | m) Specific ratio*             |

\*Minimum efficiency grade  $N = N_{min} = 57 + 7 \cdot (\alpha - 45) / 25$  where blade angle  $\alpha = 33.35^\circ$

Data obtained at optimum efficiency level

The Erp data is determined using a motor fan combination in a standardized measurement setup

\*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 | <a href="https://daltecfans.com">https://daltecfans.com</a>            |
| Contact Information  | faninfo@daltecfans.com   |
| Year of Manufacture  | 2025   |

|                            |                   |
|----------------------------|-------------------|
| o) Identification Part No. | OEROCMF560400V001 |
| Part No.                   | 80026-734-03-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. : 2025/205

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](mailto: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** : **80026-734-03-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 conformity is declared to** : **AMCA 210-16**  
La conformité aux normes est déclarée selon

**Signed for and on behalf of** : **Daltec Canadian Buffalo Manufacturing Ltd.(d.b.a Daltec Process Fans)**  
Signé pour et au nom de

**Date of Issue / Date d'émission** : **11/14/25**

**Place / Lieu** : **Canada**

**Name / Nom** : **Marcel Kamutzki**

**Function / Fonction** : **President & Technical Director**

**Signature / Signature** : 