

APF 2-DC EVO >



Size 2
Up to 2,000 l/min
at 8 bar
Max. 16 bar
Electrical operation

The new Alco Powerfighter 2-DC EVO features new and improved motors offering greater operating power. Enhanced with protected gear units and increased durability to perform in the most toughest conditions, it is now even more robust and reliable >



APF 2-DC EVO with
MZV 2000/400

EVO
MORE
COMPACT AND
POWERFUL!

**EXTREMELY COMPACT.
PARTICULARLY RELIABLE.
STRONG PERFORMANCE.**



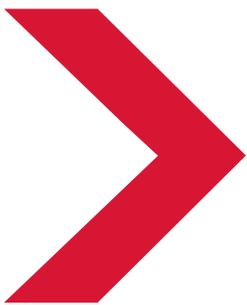
15  **YEARS**



*APF 2-DC EVO with multi-purpose nozzle MZ 2000, SWA 2000 DC foam attachment with deflector, pressure gauge and flashing light**



APF 2-DC EVO with multi-purpose nozzle MZ 2000



MORE POWERFUL AND PROTECTED DRIVES, LOWER WEIGHT AND EVEN MORE COMPACT – THE NEW GENERATION OF THE **APF 2-DC EVO** IS IDEALLY PREPARED FOR ROBUST USE ON **FIRE APPLIANCES** AND **HELIPADS**.

The electrically driven Alco PowerFighter monitors APF 2-DC EVO are approx. 1 kg lighter, smaller and even more powerful drives and, due to protected gear units, are also significantly robuster in use than their predecessors – with the same output!

APF 2-DC EVO monitors are perfect for delivering small quantities of extinguishing medium such as water or foam (AFFF). The very small overall height and low flow rate of up to 2,000 l/min, they are ideally suitable as a front monitor on the latest generation of operations vehicles as well as – due to their lower height – for helipads.

APF 2-DC EVO monitors can be operated from the driver's cab or a control station. This is ensured by generously designed 24V-DC electric motors with robust absolute encoders, which also enable obstacle avoidance, e.g. of lighting columns. Not only the vertical swing from -90° to $+90^\circ$ and the rotation by up to 360° ($\pm 180^\circ$) are controlled from inside the vehicle, but also – depending on the nozzle – spray pattern and flow rate. The position of the monitor can be checked at all times on the optional built-in display.

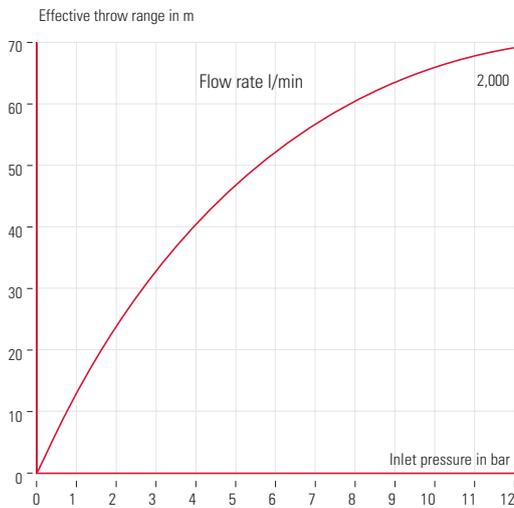
Wireless remote controls offer maximum freedom of movement*. These can be used to operate the APF 2-DC EVO monitors from a distance of up to 1 km. The emergency manual control with crank handle is, naturally, also a standard feature.



*APF 2-DC EVO with multi-purpose nozzle MZV 2000/400, SWA 2000 DC foam attachment, pressure gauge and flashing light**

* Accessories on the back page

THROW RANGE OF THE APF 2-DC EVO



All values apply in still air conditions and at a pipe work angle of approx. 25° bis 30°. Values for MZ nozzles in full jet position.

- **Very compact – ideal as front monitor**
- **Protected motors and gear units**
- **Continuously adjustable spray pattern change during operation**
- **Continuously adjustable flow during operation directly at the nozzle**
- **Obstacle avoidance with corresponding control**
- **Emergency manual operation**



ALCO SELECT

Products composed of **Alco Select** items only – marked with the logo Alco Select – have a fast lead time of 4-6 weeks after receiving the order.

APF2-DC EVO BASE UNIT

Inlet	Nozzle outlet	Flow [l/min]*	Operating pressure max.	Swivel range vertical	... horizontal	Signal [mA]	Dimensions LxWxH [mm]	Weight [kg]	AWG ID no.	Alco Select
G2 1/2"	MZ 2000	max. 2,000	16 bar	±90°	±165°	4..20	500x300x233	12.0	121 424 38	
G2 1/2"	MZV 2000/400	max. 2,000	16 bar	±90°	±165°	4..20	630x300x290	14.0	121 427 38	

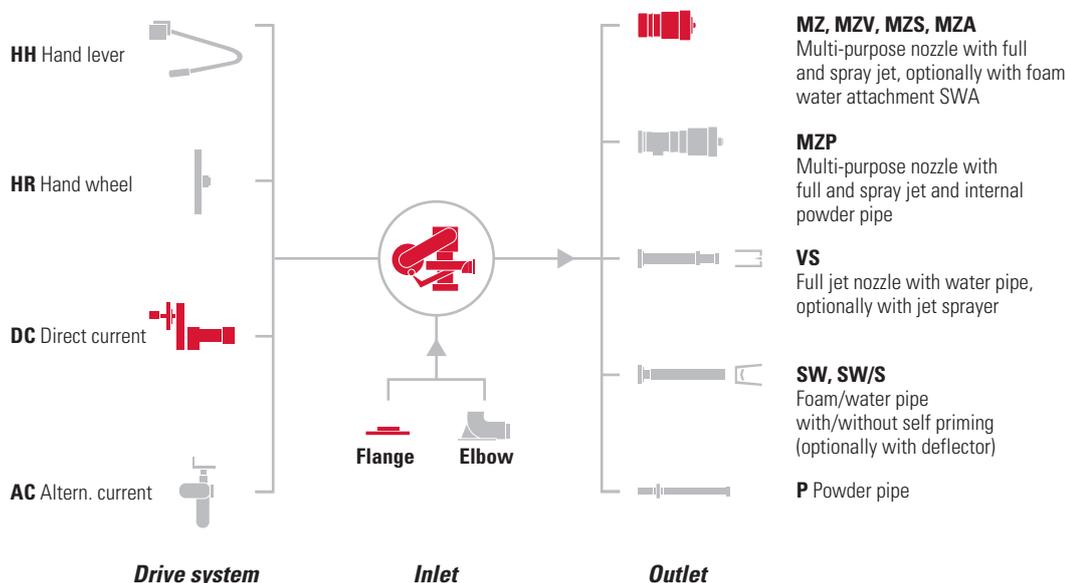
*Given flow rates at 8 bar operating pressure.

FOAM ATTACHMENTS & CONNECTIONS

	Outlet	Suitable for	Dimensions LxWxH [mm]	Weight [kg]	AWG ID no.	Alco Select
SWA 2000-DC foam attachment	-	MZ 2000, MZV 2000/400	383x155x268	1.5	314 100 40	
SWA 2000-DC foam attachment + deflector	-	MZ 2000, MZV 2000/400	480x219x194	3.5	314 112 40	
Flange DN50 G2 1/2"	G2 1/2"	APF 2-DC EVO	Ø 165	1.0	314 809 34	
Flange DN80 G2 1/2"	G2 1/2"	APF 2-DC EVO	Ø 200	1.5	314 810 34	
Flange ANSI 3" G2 1/2"	G2 1/2"	APF 2-DC EVO	Ø 190	1.5	314 811 34	



The control units and radio-wireless remote controls can be found on the back page.



The Alco modular system with options for the APF 2-DC EVO

The Alco modular system ensures optimally configured monitors, which can be selected not only according to specific equipment features, but also by taking into consideration regional circumstances with regard to operational tactics and water pressure.

We will be pleased to create your own individual configuration for you. Contact us!



CAN control unit



Operating units



Wireless remote control



LED floodlight



Flashing light



Electrical riser

CAN CONTROLS

FireCAN and CANopen provide activation of the main functions (vertical, horizontal and nozzles), the water and foam dampers as well as the oscillation.

Potential-free contacts enable activation of the riser, obstacle avoidance, lighting column contour and the pump speed (rpm+ / rpm-).

CAN control units	Communication	Dimensions LxWxH [mm]	Weight [kg]	AWG ID no.	Alco Select
Mobile C4	FireCAN, CANopen, potential-free contacts	160x195x55	3.8	023 200 00	
Mobile CS4	FireCAN, CANopen	140x94x43	0.5	023 245 00	

OPERATING UNITS

Operating units	Functions	Dimensions LxWxH [mm]	Weight [kg]	AWG ID no.	Alco Select
Big Joystick	8 illuminated push buttons for operation of all main monitor functions	106x106x300	3.7	023 207 00	
Display with big joystick	Control of all important functions. Display with push buttons and position indicator. Push button joystick with 8 illuminated push buttons.	222x137x35 106x106x300		023 205 00	
Display with small joystick	Control of all important functions. Display with push buttons and position indicator. Small joystick with 3 push buttons.	222x137x35 60x60x146		023 201 00	
Wired remote control	With built-in display and small joystick, 10 m connection cable and carrying strap	428x170x172		023 202 00	
Wireless remote control (WRC), L	Joystick, push-buttons on front panel and side, STOP push-button, feedback signals via LED	178x262x182	2.0	023 212 XX*	
Wireless remote control (WRC), M	Joystick with pushbuttons, feedback by LED	216x112x162	1.5	023 213 XX*	
Wireless push-button remote control	Push-button on front panel, STOP push-button	210x64x182	0.4	023 214 XX*	

*The last two digits represent the country code of the country of use. Please include this in all enquiries and orders.

MISCELLANEOUS ACCESSORIES

Accessories	Functions	Dimensions LxWxH [mm]	Weight [kg]	AWG ID no.	Alco Select
LED floodlight	Floodlight for long-distance illumination	678x85x163	3,5	014 419 00	
Flashing light, yellow	Rotating flashing beacon		0,1	013 914 00	
Electrical riser VIC 3"/ANSI 3"	Lift height 300 mm, flow max. 4,800 l/min	297x305x470	17,5	111 967 99	



15  **YEARS**

Would you like to request further information or a technical consultation? Call us!

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Simply send us your enquiry by email

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For an overview, visit our website

www.awg-fittings.com

Anyone who rescues lives and protects property day in and day out must be able to rely on their tools. Many of them opt for AWG and Alco products.

Two brands, which together offer one of the broadest ranges of premium equipment for emergency services.



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