

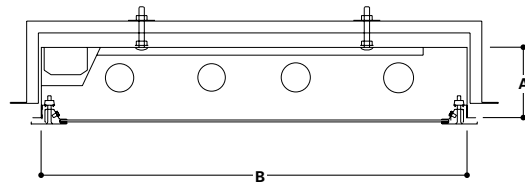
MAF

17W - 240W
Fluorescent

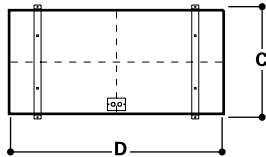
1' X 4', 2' x 2', 2' x 4'
FLUORESCENT FLANGE
SYMMETRIC /
ASYMMETRIC LENS
ONE-PIECE DOOR
SOLID CEILING
PLASTER OR
DRYWALL

- Rated for high pressure hose down at 200 PSI
- Flush mounted, stainless steel machine screws
- Die-formed, 20 ga. CRS housing with tightly butted and seam welded, sealed end caps. Contains no holes that would allow air passage. Standard white high reflectance polyester powder coat finish
- Unique, Particlock™ lens retention system utilizes continuous, 18 ga. media clampdowns
- Two braided, stainless steel cables on one side of door provide hinging
- One-piece, 18 ga., fully gasketed, outside flanged door
- Standard Class P, CBM/ETL ballast
- White, closed cell, Flexiseal™ gasketing system
- * Gasketed access plate with two flattened, 7/8" diameter knockouts

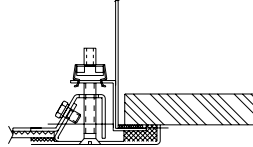
DIMENSIONS



CEILING OPENING



DOOR FRAME



	A	B	C	D
MAF 1'x 4'	4" (102mm)	10 3/4" (273mm)	11 1/16" (281mm)	48 5/16" (1227mm)
MAF 2'x 2'	3 3/4" (95mm)	22 11/16" (576mm)	23 1/16" (586mm)	24 5/16" (617mm)
MAF 2'x 4'	3 3/4" (95mm)	22 11/16" (576mm)	23 1/16" (586mm)	48 5/16" (617mm)

DESCRIPTION

The Fail-Safe MAF Series is designed for use in horizontal or non-laminar air flow clean rooms. The enclosed and gasketed housing and one-piece, outside flanged door protect against infiltration of airborne bacteria. The die formed edges on the door frame and the hole-free design of the housing prevent air exchange between the fixture and plenum, allowing relamping without contamination of the clean areas. These luminaires are U.L. listed and C.S.A. certified for wet locations and are manufactured in accordance with U.S.D.A., F.D.A., N.S.F. and Federal Standard 209E. The MAF Series is suitable for use in I.E.S. Class 100, 1,000, 10,000 and 100,000 clean room environments.

ORDERING INFORMATION

SAMPLE NUMBER: MAF-24-632-277-ASY/SYM-EB82-GLR

Product Family MAF =Medical Asymmetric / Symmetric Fluorescent Flange	Lamp Type 2' Fixture Length T8 Fluorecents 117=(1) 17W Lamp 217=(2) 17W Lamps 317=(3) 17W Lamps 417=(4) 17W Lamps T12 Fluorecents 120=(1) 20W Lamp 220=(2) 20W Lamps 320=(3) 20W Lamps 420=(4) 20W Lamps U Lamps 2U 1 5/8=(2) 31WT8 Lamps 3U 1 5/8=(3) 31WT8 Lamps 2U6T8=(2) 32WT8 Lamps 2U6=(2) 40WT12Lamps Biaxial Fluorecents 140BX=(1) 40W Lamp 240BX=(2) 40W Lamps 340BX=(3) 40W Lamps 4' Fixture Length T8 Fluorecents 132=(1) 32W Lamp 232=(2) 32W Lamps 332=(3) 32W Lamps 432=(4) 32W Lamps 632=(6) 32W Lamps T12 Fluorecents 140=(1) 40W Lamp 240=(2) 40W Lamps 340=(3) 40W Lamps 440=(4) 40W Lamps	Lens Type IK12 =K-12 Prismatic Acrylic IP12 =K-12 Prismatic Polycarbonate KSH25 ¹ =Bat Wing Distribution ASY/SYM =Asymmetric / Symmetric Lens ASY/SYM/RFI =Asymmetric / Symmetric Lens with RFI grid	Ballast LE3 =Energy Saving Ballast for use with T12 lamp Electronic Ballast ^{2,4} EB81 =(1) Ballast for use with T8 Lamp EB82 =(2) Ballasts for use with T8 Lamp EB21 =(1) Ballast for use with T12 Lamp EB22 =(2) Ballasts for use with T12Lamp EBX1 =(1) Ballast for use with Biaxial Lamp EBX2 =(2) Ballasts for use with Biaxial Lamp NOTE: Electronic ballast not recommended for surgical suites. Electronic ballast will nullify all RFI shielding. Please specify LE3 or LEOC8 ballast option	Options EBP =Emergency Battery Pack GLR =Fuse and Holder RIF =Radio Frequency Interference Filter Housing Options SHN =Stainless Steel, Brushed 304 Finish SHP =Stainless Steel, Polyester Powder Finish ALH =Aluminum, Polyester Powder Finish
Width 12="12" 24="24"	Voltage ³ 120=120V 277=277V 347=347V UNV =120V through 277V	Door/Finish Options Blank =Standard, CRS with baked white finish SSN =Stainless Steel Door/Brushed 304 Finish SSP =Stainless Steel Door/Polyester Powder Coat Finish ALXP =Extruded Aluminum/Polyester Powder Coat Finish ALP =Formed Aluminum/Polyester Powder Coat Finish ALX =Extruded Aluminum/Anodized	Accessories (Order Separately) MFCF12-2FT =2FT Mounting Frame MFCF12-4FT =4FT Mounting Frame MFCF24-2FT =2FT Mounting Frame MFCF24-4FT =4FT Mounting Frame	

Notes: For additional options, consult your Cooper Lighting Representative. Specifications and Dimensions subject to change without notice. Electronic ballast may cause interference with other electronic devices. If interference occurs move the device away from the product or plug/connect into a different circuit/outlet.

¹ The KSH25 provides improved visual performance and wide angle distribution. This lens has an integral prism pattern designed so that prisms face the lamp cavity and still supply superior photometrics. Highly recommended for all high tech manufacturing environments.

² For specific electronic ballast, specify brand and catalog number. ³ Products available in non-US voltages and 50 Hz for international markets. Consult your Cooper Lighting Representative for availability and ordering information. ⁴ Electronic ballast not available with 20W lamps.