

GE  
Lighting

# GE HID Enclosed and Potted Metal Halide F-Cans



GE continues to develop our offering of high quality Enclosed and Potted F-Cans, magnetic ballasts for HID metal halide fixtures. F-Cans combine the rugged durability and efficiency of high intensity discharge ballasts with the user-friendly envelope of a normal fluorescent style ballast case. This configuration allows for greater ease of use and enables mounting in exterior application.

Like all GE products, F-Cans are designed and manufactured to exacting specifications. Our new F-Cans are made from high-grade steel laminations and tightly wound, vacuum impregnated, copper coils for superior heat dissipation and water resistance. These components are then encased in high quality potting material for additional heat sinking and weather resistance. Finally, components are secured in a durable white steel powder coated box for superior corrosion protection and long life. As a result of our manufacturing methods, GE F-Cans maintain cooler operating temperatures than standard core and coil ballasts and have excellent sound attenuation properties. This makes GE F-Cans ideal for applications requiring cool and quiet operation such as retail, commercial office, museum, landmark and institutional lighting.

All GE F-Can Ballasts are backed by a 2 year limited warranty.

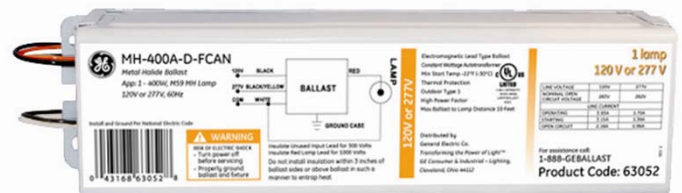
**Count on GE to answer your sign lamp and ballast questions at 1-888-GEBALLAST.**

## Performance Features

- Dual Voltage 120/277 60 Hz input
- Igniter & Capacitor mounted within ballast case
- Ideal for external use – UL & cUL 1029 listed for Type 1 indoor & outdoor applications
- 50W-250W Sound Rating: B – 25-30 dB 400W Sound Rating: C – 31-36 dB
- Class A Insulation Material – 105°C/221°F rating 90°C/194°F Max Case Temperature
- Reliable low-temperature starting down to -22°F
- Standard Dimensions – F-Can dimensions are equivalent to competitive offerings – ease of retrofit
- Integral thermal protector provides system protection in event of overload or failure
- 2 year limited warranty

## Remote Mounting, Indoor and Outdoor Applications

- Commercial/Office
- Retail
- Education/schools, auditoriums
- Museum/Landmark
- Down-lighting
- Indirect lighting



imagination at work

# GE HID Enclosed and Potted Metal Halide F-Cans

## Remote Mounting, Indoor and Outdoor Applications

### Transition Plan - Stay ahead of the change with GE

Current GE Ballasts			New GE Ballasts			
Part #	Description	Application	Transition Plan	Sub #	Description	Application
-	-	-	New SKU	63046	GEMH50MVR-F	1 - 50W M110
86576	11210277CC000C	70W M85	No Substitution	-	-	-
86578	11210506CT000C	70W M98	Transition	63047	GEMH70MVR-F	1 - 70W M98
86574	11210239CTC0001	100W M90	Transition	63048	GEMH100MVR-F	1 - 100W M90
86579	11210539CTC000C	150W M102	Transition	63049	GEMH100MVR-F	1 - 150W M102
86563	11102455SCTZC0001	175W M57	Transition	63050	GEMH175MVA-F	1 - 175W M57
86564	1110246CTC000C	250W M58	Transition	63051	GEMH250MVA-F	1 - 250W M58
42670	1110-247SC-TC	400W M59	Transition	63052	GEMH400MVA-F	1 - 400W M59
80728	1111-247SCTC0001	400W M59	No Substitution	-	-	-

### Specifications: HID F-Can Enclosed and Potted Metal Halide Ballast

Part #	Application Description	Description	Dimensions (inches)				Temp Code		Sound rating	ANSI Designation	Wattage	Circuit Type	Voltage	Coil Material (Pri/Sec)	Net Wgt. (lbs.)
			"L"	"W"	"H"	"M"	120V	277V							
63046	120/277 1- 50W	GEMH50MVR-F	11.80	3.23	2.75	11.40	A	A	B	M110	50	HX-HPF	120/277	CU/CU	8.58
63047	120/277 1- 70W	GEMH70MVR-F	11.80	3.23	2.75	11.40	A	A	B	M98	70	HX-HPF	120/277	CU/CU	9.46
63048	120/277 1- 100W	GEMH100MVR-F	11.80	3.23	2.75	11.40	A	A	B	M90	100	HX-HPF	120/277	CU/CU	10.98
63049	120/277 1- 150W	GEMH100MVR-F	11.80	3.23	2.75	11.40	A	A	B	M102	150	HX-HPF	120/277	CU/CU	12.96
63050	120/277 1- 175W	GEMH175MVA-F	11.80	3.23	2.75	11.40	A	A	B	M57/H39	175	CWA	120/277	CU/CU	12.96
63051	120/277 1- 250W	GEMH250MVA-F	16.60	3.23	2.75	16.10	A	A	B	M58/H37	250	CWA	120/277	CU/CU	18.99
63052	120/277 1- 400W	GEMH400MVA-F	21.60	3.23	2.75	21.00	A	A	C	M59/H33	400	CWA	120/277	CU/CU	23.69

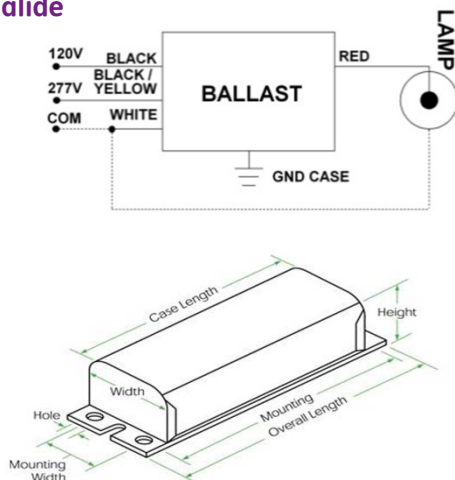
### Specifications

- Line Voltage 120/277V 5-10% Regulation 50-60Hz
- UL & cUL 1029 Listed for Outdoor Type 1 use
- Class A Insulation Material 105°C/221°F
- Reliable starting down to -22°F
- Integral ANSI color coded side lead wires
- Integral mounting feet

### Lamp Operation

#### Metal Halide

M57  
M58  
M59  
M90  
M98  
M102  
M110



### Cross Reference

Lamp Watts	ANSI Code	GE Product & Descript.	ULT	Advance	OSI
39W	M130	-	-	-	47680
50W	M110	63046 GEMH50MVR-F	11210236CTC	72C5181NP	47195
	M85	-	11210277CTC	72C52C0NP	-
70W	M98	63047 GEMH70MVR-F	11210506CTC	72C5282NP	47694
	M139	-	11210554CTC	-	-
	M139	-	-	-	47693
100W	M90	63048 GEMH100MVR-F	11210239CTC	72C5381NP	47734
	M90	-	11210606CTC	-	-
150W	M81	-	11210242CTC	-	-
	M102	63049 GEMH150MVR-F	11210539CTC	72C5482NP	47738
	M102	-	-	72C55C1NP	-
175W	M57	63050 GEMH175MVA-F	11102455SCTC	-	47743
	M57	-	1110564CTC	-	-
	M137/M152	-	-	72C5582NP	47741
200W	M136	-	-	-	47747
	M136	63051 GEMH250MVA-F	1110246CTC	72C5782NP	47751
250W	M58	-	1111246CTC	-	-
	M58	-	1110566CTC	-	-
	M138/M153	-	-	72C5783NP	47749
320W	M132/M154	-	-	72C5882NP	47753
350W	M131	-	-	72C5983NP	-
400W	M59	63052 GEMH400MVA-F	1110247SCTC	72C6082NP	47759
	M59	-	1111247SCTC	72C6182NP	-
	M135	-	1110568CTC	-	-
	M135	-	-	-	47757

For additional product and application information, please consult GE's Website:  
[www.gelighting.com](http://www.gelighting.com)