



Jefferson Electric Lighting Ballasts

Product Catalog with List Prices



JE954-0909

Revised: September 29th, 2009

Jefferson Electric Lighting Ballasts



Jefferson Electric has been an innovator of magnetic products since 1915. We enjoy a rich tradition of meeting the highest industry standards for quality, durability and reliability in the commercial, industrial, and OEM marketplace. Jefferson Electric continues this tradition today providing new magnetic products for a wide variety of applications and industries.

Jefferson produces power systems that satisfy everyday needs. Our transformer and ballast products have lit neon signs, street lights and airport runways. They helped bring radio to life, powered appliances and heated homes. Jefferson's radar and gunfire control transformers not only helped our soldiers win World War II, but dried agricultural grain, dimmed theater lights, rang school bells, ran toy electric trains and performed a variety of other, everyday functions. Our quality and innovative tradition endures today with products such as electronic ballasts for linear fluorescent and compact fluorescent (CFL) products.

Jefferson Electric History of lighting product introductions

1915-1920	Sign transformers and ballasts
1921 - 1930	Neon sign transformers
1931 - 1940	Airport lighting transformers Fluorescent ballasts Mercury street lighting transformers (HID)
1951 - 1960	Weather-proof fluorescent ballasts; high ambient mercury ballasts Neon window transformers with built-in flasher
1961 - 1970	Solid state controls for theater dimmers
1971-1980	Jefferson Dry-Lock Ballasts Jeff-tronic Ballasts
2009	Electronic ballasts for linear and compact fluorescent applications

Jefferson Electric Lighting Ballasts

Jefferson Electric offers Ballasts for Fluorescent, Compact Fluorescent, and HID applications including Metal Halide, High Pressure Sodium Reactor and Constant Wattage Autotransformers

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High Pressure Sodium Ballast Kits 100 to 1000 watts, 4 or 5 primary taps, 120 to 480 volts, includes mounting brackets, prewired with capacitors and ignitors	5
Electronic Fluorescent 32 to 59 watts, Universal primary (120 to 277 volts), T5 and T8 Bulbs, Instant start, 1 to 4 lamps per ballast	6
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Product Warranty and Terms*

Jefferson Electric, Inc. (Jefferson) warrants to original Purchaser that any products provided by Jefferson hereunder shall be free from defects in material and/or workmanship under normal use and operation;

Warranty Period for Ballast products; Five years, Limited from date of manufacture

Terms: Net 30 days, minimum \$100 per order, Freight prepaid on orders over \$500.

* see website for details

Jefferson Electric Lighting Ballasts

Metal Halide

Catalog number	Lamp Type	Lamp Watt	ANSI Code	Circuit	Height A (in)	Width B (in)	Depth C (in)	Weight	List Price
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Metal Halide -- 4 Tap, Probe Start, 120, 208, 240, 277 Volts

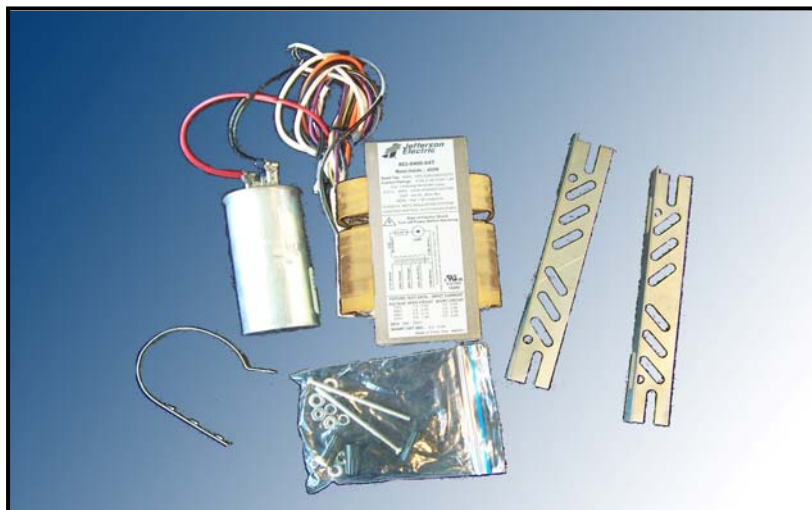
403-0175-04T	MH	175	M57	CWA	3	4	4.1	7	\$72
403-0250-04T	MH	250	M58	CWA	4.25	4.75	3.5	9	\$83
403-0400-04T	MH	400	M59	CWA	4.25	4.75	4.2	11.9	\$86
403-1000-04T	MH	1000	M47	CWA	4.25	6	4.9	21	\$144

Metal Halide -- 5 Tap, Probe Start, 120, 208, 240, 277, 480 Volts

403-0175-05T	MH	175	M57	CWA	3	4	4.1	8	\$76
403-0250-05T	MH	250	M58	CWA	4.25	4.75	3.8	10.8	\$86
403-0400-05T	MH	400	M59	CWA	4.25	4.75	4.1	12.5	\$90
403-1000-05T	MH	1000	M47	CWA	4.25	6	5.2	24	\$166

Metal Halide -- 4 Tap, Pulse Start, 120, 208, 240, 277 Volts

404-0070-04T	MH	70	M98, M143	HX-NPF, HX-HPF	3	4	2.8	5	\$77
404-0100-04T	MH	100	M90	HX-NPF, HX-HPF	3	4	2.9	5	\$84
404-0150-04T	MH	150	M102, M142	HX	3	4	3.8	7	\$89
404-0320-04T	MH	320	M132, M154	CWA	4.25	4.75	3.8	11	\$94
404-0350-04T	MH	350	M131	CWA	4.25	4.75	4.2	12	\$98



Jefferson Electric Lighting Ballasts

High Pressure Sodium

Catalog number	Lamp Type	Lamp Watt	ANSI Code	Circuit	Height A (in)	Width B (in)	Depth C (in)	Weight	List Price
High Pressure Sodium -- Reactors, 120 Volts									
406-0035-120	HPS	35	S76	R-NPF, R-HPF	2.2	2.6	1.8	1.3	\$40
406-0050-120	HPS	50	S68	R-NPF, R-HPF	2.2	2.6	2	1.8	\$44
406-0070-120	HPS	70	S62	R-NPF, R-HPF	2.2	2.6	2.5	2	\$49
406-0100-120	HPS	100	S54	R-NPF, R-HPF	2.2	2.6	2.8	2.6	\$52
406-0150-120	HPS	150	S55	R-NPF, R-HPF	2.2	2.6	3.5	3.6	\$53

High Pressure Sodium -- CWAs, 120, 208, 240, 277 Volts

407-0100-04T	HPS	100	S54	HX-NPF, HX-HPF	3	4	3.1	6.2	\$73
407-0150-04T	HPS	150	S55	HX-NPF, HX-HPF	3	4	3.9	7.6	\$80
407-0250-04T	HPS	250	S50	CWA	4.25	4.75	3.6	11	\$110
407-0400-04T	HPS	400	S51	CWA	4.25	4.75	4.4	13.6	\$122
407-1000-04T	HPS	1000	S52	CWA	4.25	6	6.1	28	\$212

High Pressure Sodium -- 5 taps, 120, 208, 240, 277, 480 Volts

407-0250-05T	HPS	250	S50	CWA	4.25	4.75	3.6	12	\$112
407-0400-05T	HPS	400	S51	CWA	4.25	4.75	4.4	15	\$124
407-1000-05T	HPS	1000	S52	CWA	4.25	6	6.1	28	\$214



Jefferson Electric Lighting Ballasts

Electronic

Catalog number	# Lamps	Lamp Type	Lamp Watts	Input Current/ Line Current (Amps)	BF (>=)	Max THD %	PF (>)	Min. Start Temp (°F)	Height A (in)	Width B (in)	Depth C (in)	Weight (lbs)	List Price*
Fluorescent, Instant Start, Line voltage = 120-277 Volts													
401-2320-UNV	1, 2	T8	32	0.49	0.88	10	1	0	1.0	1.3	9.5	1.1	\$21
401-3320-UNV	3	T8	32	0.71	0.88	10	1	0	1.0	1.3	9.5	1.1	\$24
401-4320-UNV	4	T8	32	0.93	0.88	10	1	0	1.0	1.3	9.5	1.2	\$26
401-2590-UNV	1, 2	T8	59	0.25	1.09	10	1	32	1.0	1.3	9.5	1.2	\$36

Compact Fluorescent, Programmable Rapid Start, Line voltage = 120-277 Volts

402-2180-UNV	1, 2	PL	18	0.3	0.95	10	1	0	1.2	2.4	4.8	0.7	\$36
402-2260-UNV	1,2	PL	26	0.48	1	10	1	0	1.2	2.4	4.8	0.7	\$39
	1	PL	32/42	0.48	1	10	1	0	1.2	2.4	4.8	0.7	\$39



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Cross Reference to Competitive part numbers

Jefferson Electric Catalog #	Advance #	Universal #
Fluorescent, Instant Start, Line voltage = 120-277 Volts		
401-2590-UNV	IOP-2P59-SC	B259IUNVHP-A
401-2320-UNV	ICN-2P32-SC	B232IUNVHP-B
401-3320-UNV	ICN-3P32-SC	B332IUNVHP-A
401-4320-UNV	ICN-4P32-SC	B432IUNVHP-A
401-2540-UNV	ICN-2S54-120V	B254PUNV-D
401-4540-UNV	-	-

Compact Fluorescent, Programmable Rapid Start, Line voltage = 120-277 Volts

402-2180-UNV	ICF2S18H1LD	C218UNVBE
402-2260-UNV	ICF2S26H1LD	C2642UNVBE

Metal Halide -- 4 Tap, Probe Start, 120, 208, 240, 277 Volts

403-0175-04T	71A5570-001D / 71A5590	M175MLTAC3M
403-0250-04T	71A5770-001D / 71A5770	M250MLTAC4M
403-0400-04T	71A6071-001D / 71A6091	M400MLTAC4M
403-1000-04T	71A6572-001	M1000MLTAC5M

Metal Halide -- 5 Tap, Probe Start, 120, 208, 240, 277, 480 Volts

403-0175-05T	71A5540-T	M17548TAC3M / M175ML5AC3M
403-0250-05T	71A5750	M250ML5AC4M
403-0400-05T	71A6051	M400ML5AC4M
403-1000-05T	71A6552	M1000ML5AC5M

Metal Halide -- 4 Tap, Pulse Start, 120, 208, 240, 277 Volts

404-0320-04T	71A5892	P320MLTAC4M
404-0350-04T	71A5993	P350MLTAC4M
404-0070-04T	71A5292	M70MLTLC3M
404-0100-04T	71A5390	M100MLTLC3M
404-0150-04T	71A5490	M150MLTLC3M

High Pressure Sodium -- Reactors, 120 Volts

406-0035-120	71A7707	S35120RCCEM000K
406-0050-120	71A7807	S50120RCCEM000K
406-0070-120	71A7907	S70120RCCEM
406-0100-120	71A8007	S100120LC3M
406-0150-120	71A8107	S150120RCCEM

High Pressure Sodium -- CWAs, 120, 208, 240, 277 Volts

407-0100-04T	71A8091	S100MLTLC3M
407-0150-04T	71A8192	S150MLTLC3M
407-0250-04T	71A8271-001D / 71A8291	S250MLTRC4M
407-0400-04T	71A8473-001D / 71A8493	S400MLTRC4M
407-1000-04T	71A8773-001	S1000MLTRC5M

High Pressure Sodium -- 5 taps, 120, 208, 240, 277, 480 Volts

407-0250-05T	71A8251	S250ML5RC4M
407-0400-05T	71A8453	S400ML5RC4M
407-1000-05T	71A8753	S1000ML5RC5M



9650 S. Franklin Drive

Franklin, WI 53132

Phone: 414.209.1620

800.892.3755

Fax: 414.209.1621

800.942.5169

info@jeffersonelectric.com

www.jeffersonelectric.com