Econo-Finish® Cabinet Systems

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Cabinet Models D1

Options D1

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Econo-Finish® Cabinet Models

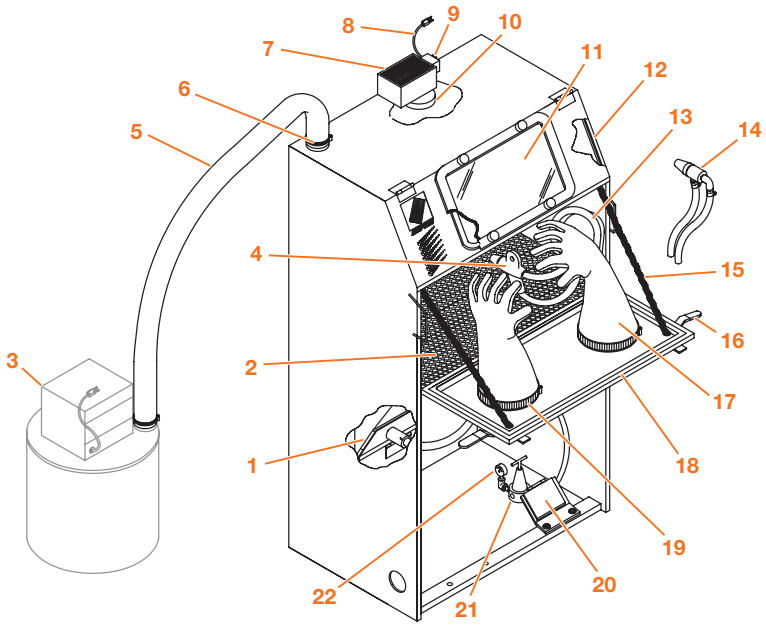
MODEL DESCRIPTION	PART NUMBER	DOOR TYPE	DUST COLLECTION	BLOWER MOTOR	SHIPPING WEIGHT
EF-2430B	114013	Single	DC-16	.98 hp	295 lbs
EF-2436B	115013	Double	DC-16	.98 hp	315 lbs
EF-2448B	116013	Double	DC-16	.98 hp	365 lbs
EF-2436A	115011	Double	DC-30	.98 hp	325 lbs
EF-2448A	116011	Double	DC-30	.98 hp	385 lbs

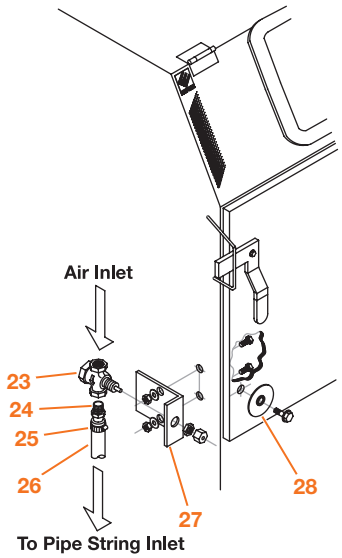
Econo-Finish® Options

Description	PART NUMBER B Series	PART NUMBER A Series
Electrical, 240V, 50-60Hz, Single-phase, 2 or 3 wire, transformer *(Factory installed only)*	140341	140341
Interlock safety switch for single or lower door, depending on series	140377	140377
Pressure regulator, ⅜" NPT *(Requires nipple, PN 545972)*	517301	Standard
Gauge for pressure regulator, ¼" NPT	550242	Standard
Di-Carb™ nozzle, ¼", for glass or steel media	501311	501331
Boron carbide nozzle, ¼", for harsh media *(Requires nozzle adapter, PN 504921)*	502101	502071
Window plastic	509191	509191
Window screen	509201	509201
Safety matting, 2 feet wide *(Specify length.)*	509002	509002
Static strap	510411	510411
Gun holder	NA	140400

Never use silica sand in any Empire equipment.

Guide to Part Numbers Models since 1991





Optional Blast Interlock for Main Door

Item		Description	Part#
1		Gasket, clean-out door	580081
2		Floor, **2430 cabinets** Floor, **2436 cabinets** Floor, **2448 cabinets**	771721 771731 771741
3		Dust collector *(See page D3 for details.)*	
4	*	Blast gun, MH-2A *(See page D4 for details.)*	
5		Dust hose, 3" I.D. x 6'	515941
6		Clamps for 3" dust hose (2 required)	520521
7		Filter Retaining screen	510495 510481
8		Line cord with plug	529601
9	†	Switch, 20 Amp. Switch, 15 Amp. (discontinued — use 141468)	534421
10	†	Floodlight, 70 W. Gasket for spotlight Light fixture with gasket Light box assembly, includes 7 & 8	532701 580191 532711 141468
11		Window assembly, complete, includes Window spacers (4 required) Window knobs (4 required) Window frame Window gasket, 6' Window safety glass Δ	140544 525931 510461 760291 524451 510401
12		Gasket, upper door, ¾" x ¾" **2436 cabinets**, 6' *(Specify length.)* **2448 cabinets**, 7' *(Specify length.)*	 524441 524441
13	* †	Blast hose, ½" I.D., 7' *(Specify length.)* Air hose, ½" I.D., 7' *(Specify length.)* Clamp for ½" air hose (2 required) Grommet for ½" hose (2 required)	520861 520861 521091 523921
14	*	Blast gun, MH-4 *(See page D4 for details.)*	
15	†	Chain, 21" (2 required)	770691
16		Door handle (2 required) *(Specify right or left.)* Handle cover (2 required) *(Specify right or left.)*	771641 509571

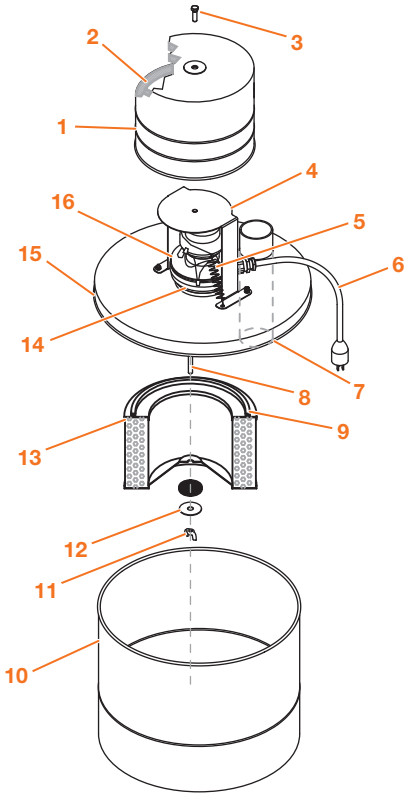
Item		Description	Part#
17	* *	Rubber gloves, pair Rubber glove, left hand	509891 510821
18	* * 	Gasket, lower door, ¾" x ¾", sides and bottom *(Specify length in feet.)* **2340 cabinets**, 8' **2436 cabinets**, 6' **2448 cabinets**, 7' Gasket, lower door, ¼" x 1", top lip *(Specify length in feet.)* **2436 cabinets**, 3' **2448 cabinets**, 4'	 524441 524441 524441 523622 523622
19		Clamps for gloves, 8" (two) Glove hole flange, plastic (not shown)	520561 555016
20		Foot-treadle assembly without regulator for **Series "B" cabinets** Foot-treadle assembly with regulator for **Series "A" cabinets** Valve, foot treadle	140717 140718 517031
21		Regulator for **Series "A" cabinets** Repair kit for 517301 regulator	517301 508201
22		Gauge, **Series "A" cabinets**	550242
		Optional Blast Interlock Assembly (Includes items 23 through 27 for customer installation)	140377
23		Valve	517031
24		Fitting, ½" hose x ⅜" MPT	520372
25		Hose clamp	520502
26		½" air hose (5' required) *(Specify length.)*	520861
27		Bracket, interlock	770741
28		Piston plate	517812
		PARTS NOT SHOWN ON DRAWING	
	•	Spring, clean-out door	510961
	•	Decal (**Instructions/Warning**), door	567361
	•	Decal (**Instructions/Warning**), cabinet	567391

* Recommended spare part — Consumable wear item
† Essential component to prevent downtime
Δ Failure to replace glass with Empire safety glass could result in serious injury.

DC-16 Dust Collector (Part # 117216)

Item		Description	Part#
1		Sound attenuator cover	770962
2		Hush cloth, ½" x 7" x 8¼" (5 pieces)	525051
3		Bolt, hex head, ⅜"-16 x 1¼"	551852
4		Bracket, sound attenuator	772356
5		Spring extension	515741
6		Line cord, 120 V	529601
7		Gasket tape, lid, 3'	800166
8		Threaded rod	770067
9		Gasket	523341
10		Drum, 16 gallon	504016
11		Wing nut, ⅜"–16	553992
12		Flat washer, ⅜"	552892
13	*	Filter cartridge	504771
14		Gasket, fan (two required)	524362
15		Lid weldment	770684
16		Blower, 120 V, 60 Hz, Single phase, 133 CFM	515761

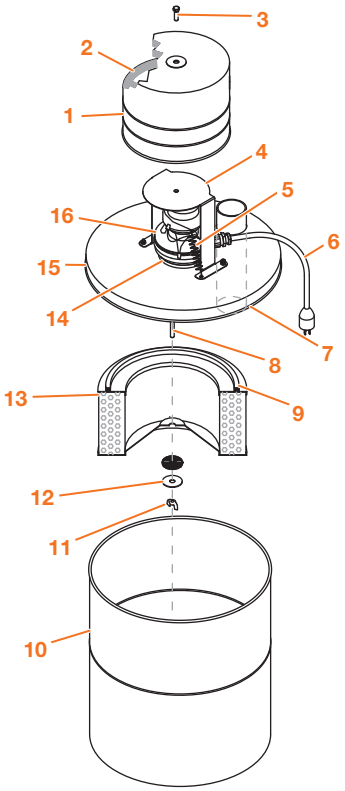
* Recommended spare part—Consumable wear item
† Essential component to prevent downtime



DC-30 Dust Collector (Part # 117230)

Item		Description	Part#
1		Sound attenuator cover	770962
2		Hush cloth, ½" x 7" x 8¼" (5 pieces)	525051
3		Bolt, hex head, ⅜"-16 x 1¼"	551852
4		Bracket, sound attenuator	772356
5		Spring extension	515741
6		Line cord, 120 V	529601
7		Gasket tape, lid, 3'	800166
8		Threaded rod	770067
9		Gasket	523341
10		Drum, 30 gallon	504014
11		Wing nut, ⅜"–16	553992
12		Flat washer, ⅜"	552892
13	*	Filter cartridge	504751
14		Gasket, fan (2 required)	524362
15		Lid weldment	770684
16		Blower, 120 V, 60 Hz, Single phase, 133 CFM	515761

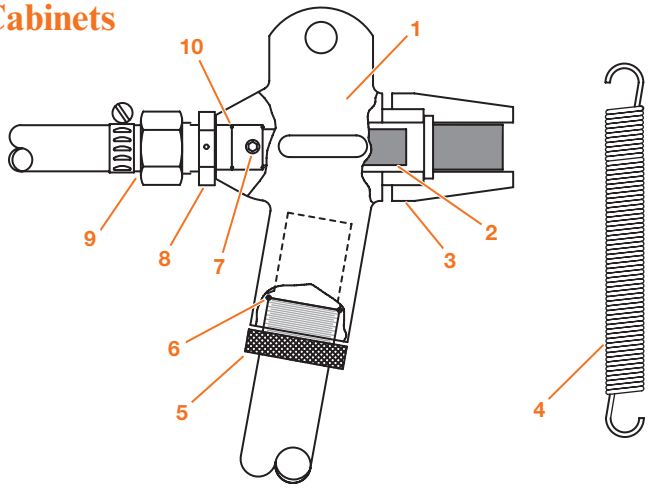
* Recommended spare part—Consumable wear item
† Essential component to prevent downtime



Contact Customer Service for replacement parts if your current dust collector has a clamp ring for the lid.

MH-2A Suction Blast Gun for "A Series" Cabinets

Item		Description	PART#
		MH-2A gun, common components	140700
		MH-2A gun, ¼" Di-Carb™ nozzle, ⅛" air jet	140701
		MH-2A gun, ¼" ceramic nozzle, ⅛" air jet (standard)	140702
		MH-2A gun, 7⁄16" Di-Carb™ nozzle, 7⁄32" air jet	140703
		MH-2A gun, ¼" boron nozzle™, ⅛" air jet	140704
		MH-2A gun, 5⁄16" boron nozzle, 5⁄32" air jet	140705
		MH-2A gun, 7⁄16" boron nozzle, 7⁄32" air jet	140706
		MH-2A gun, 5⁄16" ceramic nozzle, 5⁄32" air jet	140708
1	*	Gun body, long handle	753551
2	*	Air jet, 5⁄32" (green)	505671
3	*	Nozzle adapter, plastic	505641
4		Spring, suction-gun assist	511251
5		Nut, hose clamp, MH-2A	754921
6		O-ring 1 1⁄16" ID x 1 5⁄16" OD	523881
7		Set screw, ¼" – 20 x ⅜"	551052
8		Connector, MH-2	505631
9		Hose barb, ½" FPT x ½" hose	520402
10		O-ring, ½" ID x ⅝" OD (2 required)	523912



* Recommended spare part—Consumable wear item
† Essential component to prevent downtime

Nozzles for MH-2A Guns

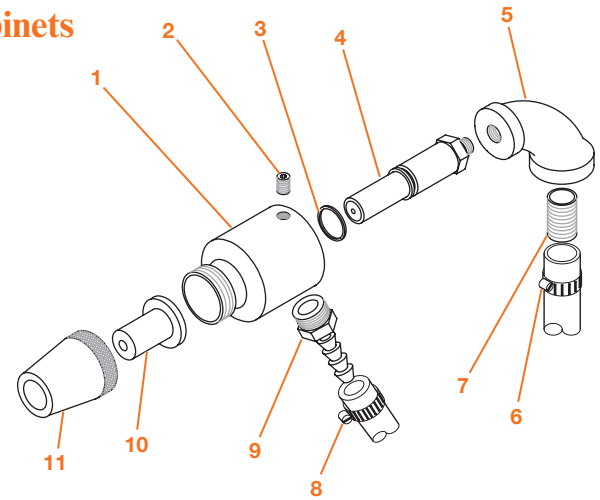
Diameter (#)	¼" (#4)	5⁄16" (#5)	7⁄16" (#7)
	PART NUMBERS		
Ceramic (each)	502421	502431	502441
Ceramic (10 pack)	503341	503351	503361
Di-Carb™ (each)	501331	501341	501351
Boron (each)	502071	502081	502091

Air Jets for MH-2A Guns

Diameter	Designation	Note	PART#
3⁄32"	orange		505651
⅛"	yellow		505661
5⁄32"	green	Standard	505671
3⁄16"	blue		505681
7⁄32"	white		505691
¼"	red		505701

MH-4 Suction Blast Gun for "B Series" Cabinets

Item		Description	PART#
		MH-4 gun, ¼" ceramic nozzle, 3⁄32" air jet (standard)	140721
		MH-4 gun, 5⁄16" ceramic nozzle, ⅛" air jet	140722
		MH-4 gun, ¼" Di-Carb™ nozzle, 3⁄32" air jet	140723
		MH-4 gun, 5⁄16" Di-Carb™ nozzle, ⅛" air jet	140724
1		Suction head	505331
2		Set screw, ¼"– 20 x ⅜"	551052
3		O-ring	523891
4	*	Air jet with O-ring, ⅛" (yellow) (standard)	504811
	*	Air jet with O-ring, 3⁄32" (orange)	504821
5		Elbow, ¼" x ⅛"	543912
6		Hose clamp (not included with gun)	521091
7		Nipple, ¼"	545912
8		Hose clamp (not included with gun)	521091
9		Hose barb, ½" x ⅜" MPT	520372
10	*	Nozzle, ceramic, ¼" (standard)	502661
11		Nozzle adapter (ceramic & Di-Carb nozzles) Nozzle adapter (Boron carbide nozzle only)	504901 504921



* Recommended spare part—Consumable wear item
† Essential component to prevent downtime

Nozzles for MH-4 Guns

Diameter	¼"	5⁄16"
	PART NUMBERS	
Ceramic (each)	502661	502701
Ceramic (10 pack)	502401	502411
Di-Carb™ (each)	501311	501321
Boron carbide (each)	502101	NA

Boron carbide nozzle requires nozzle adapter, PN 504921