



BLASTMASTER® 250 CFM 12-VOLT DC AFTERCOOLER



BUILT MARCO TOUGH
MARCO MANUFACTURED

PART NUMBERS AND SCHEMATICS GUIDE

Company Profile

Since 1944, Marco has developed a strong tradition of providing innovative and reliable products and services to the surface preparation and protective coatings industries. We are the world's premier provider of Abrasives, Blasting, Coating, Dust Collectors, Engineered Systems, Rental, Safety, Service, Repair, & Modernization, and Vacuums.

Through innovative designs and a total commitment to quality, Marco manufactures products that increase production rates, create a safer workplace, and reduce maintenance costs. Marco's industry experience, manufacturing capabilities, legendary customer service, product availability, logistics services, and technology leadership is your assurance that we deliver high quality products and services, providing the best value to you, our customer.

The Marco Difference

- **Industry Experience** – With Marco on your team, you have access to expertise which can only come from decades of industry leadership. We have organized our engineering department, production specialists, customer operations, and safety support into a “Center of Competence.” As a Marco customer, you have access to hundreds of years of cumulative experience related to your operations.
- **Manufacturing Excellence** – Marco is a U.S. based, ISO 9001:2008 certified manufacturer of equipment for the Surface Preparation and Protective Coatings industries. Marco's engineers benchmark the industry to ensure that we design and manufacture superior products that set the “Gold Standard” for performance, safety, and quality.
- **Legendary Customer Service** – Marco's legendary customer service team is staffed by friendly, highly-trained individuals who are focused on providing the highest level of product support, order accuracy, and customer satisfaction.
- **Product Availability** – We stock over 10,000 SKU's and have more than 45 shipping locations to serve North American and International markets for all major brands of blasting and coating equipment. As the largest provider of surface preparation and protective coatings equipment in the world, our inventory levels and product availability are unmatched.
- **Logistics Services** – Marco's in-house logistics team is dedicated to moving your shipment anywhere in the world. We move more than 14,000 truckloads every year, allowing you to save on freight costs by leveraging our buying power. Lower your process costs with a single invoice, which includes product and freight.
- **Technology Leadership** – Our website provides: Operator's Manuals, Part Numbers and Schematics Guides, SDS information, and Features & Specifications Guides, providing access to information 24/7. Our Extranet application allows you to receive quotes and place orders online. Our Intranet maintains a complete record of your purchase history to assist with ongoing support of your existing equipment and future purchasing decisions.

Vision Statement

Marco is the world's premier provider of Abrasives, Blasting, Coating, Dust Collectors, Engineered Systems, Rental, Safety, Service, Repair, & Modernization, and Vacuums.

Mission Statement

Marco provides strong leadership and innovation to the surface preparation and protective coatings industries. We dedicate our efforts to the continuous improvement of our products, services, processes, people, and most importantly, the quality of our customer's experience.

Quality Statement

Marco is committed to providing superior quality in the design, manufacturing, distribution, rental, service, and repair of our products. Our ISO 9001:2008 certification extends throughout all operations in all locations. Continuous improvement of our processes and supply chain Integration comprise the core of our business strategy for delivering exceptional quality and value in all Marco products and services.

Management Philosophy

We are a company dedicated to the success of every customer and associate. We discuss, debate, challenge, measure, and test our ideas. We will be boundless and limitless in our passion to improve. Through sound leadership and dedicated associates, we will ensure a long term, profitable future for Marco, our associates, customers, and suppliers.

TABLE OF CONTENTS

Company Profile	2
Table of Contents	3
Part Numbers	4
Specifications	5
Part Numbers & Schematics	6-9
Blastmaster® 250 CFM 12-Volt DC Aftercooler	6-7
Blastmaster® 250 CFM 12-Volt DC Aftercooler with 1-1/2"Moisture Separator	8-9
Optional Accessories	10-11
Airflow Shutoff Kits – Lug Fittings	10
Airflow Shutoff Kits – Hammerlock Fittings	10
Female Threaded Metal End Coupling and Gasket	11
Pipe Nipples	11

PART NUMBERS

BLASTMASTER® 250 CFM 12-VOLT DC AFTERCOOLER

Part Numbers	Inlet			Outlet			Power Source	Power Cord	Battery Clamps	Moisture Separator
	Inlet Quantity	Inlet Size	Fittings	Outlet Quantity	Outlet Size	Fittings				
10108707	1	1-1/4"	Included	1	1-1/4"	Included	12-Volt DC	25 Ft.	Included	Not Included
10108708	1	1-1/2"	Included	1	1-1/4"	Included	12-Volt DC	25 Ft.	Included	Included

** For units without Moisture Separator: Inlet fittings include SAE #20 x 1-1/4" NPT Adapter. Outlet fittings include SAE #20 x 1-1/4" NPT Adapter.*

For units with Moisture Separator: Inlet fittings include 1-1/2" 4-Lug Female Coupling. Outlet fittings include SAE #20 x 1-1/4" NPT Adapter.

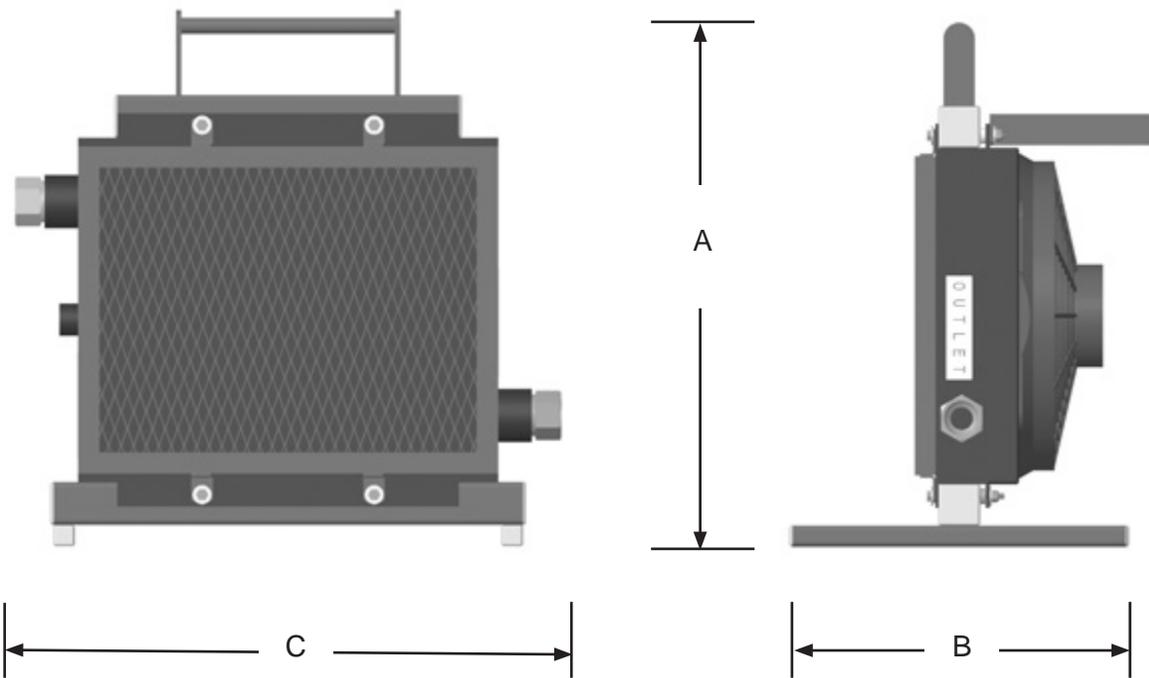


10108707 shown

SPECIFICATIONS

Empty Weight: 85 pounds

Overall Dimensions: A: 25"
B: 17"
C: 23"



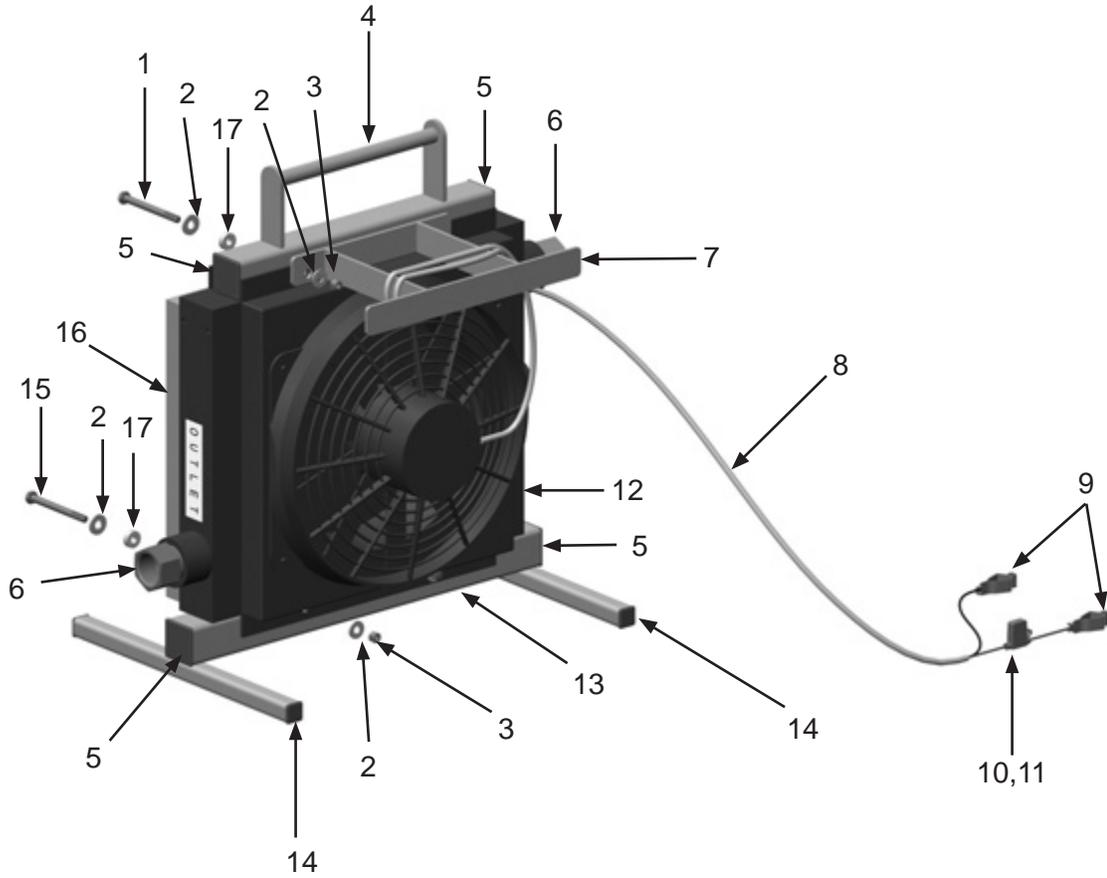
PART NUMBERS AND SCHEMATICS

Blastmaster® 250 CFM 12-Volt DC Aftercooler

Item #	Part #	Description
Fig. 1		
—	10108707	Blastmaster® 250 CFM 12-Volt DC Aftercooler – Complete
1	1014112	5/16-18 X 3-1/4" Hex Bolt (<i>Two Required</i>)
2	10L805003	5/16" Flat Washer (<i>12 Required</i>)
3	20100900	5/16-18 Nylon Lock Nut (<i>Four Required</i>)
4	10108720	Blastmaster® 250 CFM 12-Volt DC Aftercooler Handle
5	20100281	2" x 2" Plastic Cap (<i>Four Required</i>)
6	10108831	SAE #20 x 1-1/4" NPT Adapter (<i>Two Required</i>)
7	10108722	Cord Wrap Weldment
8	1015540	16/2 SJ Power Cord (<i>Per Foot</i>)
9	10105169	Heavy Duty Steel Battery Clamp (<i>Two Required</i>)
10	10105167	20 Amp Fuse Blade Body Style
11	10105170	In-Line Fuse Holder With Cover
12	10108568	250 CFM Aftercooler Core & Fan
13	10108718	Blastmaster® 250 CFM 12-Volt DC Aftercooler Base
14	10108724	1" x 1" Plastic Cap (<i>Four Required</i>)
15	10108725	5/16-18 x 3-1/2" Hex Bolt (<i>Two Required</i>)
16	10108715	Blastmaster® 250 CFM 12-Volt DC Aftercooler Grate
17	10108875	5/16" I.D. x 1/4" L Spacer (<i>Two Required</i>)
—	106M122	Part Numbers and Schematics Guide – Blastmaster® 250 CFM 12-Volt DC Aftercooler
—	1090122	Operator's Manual – Blastmaster® 250 CFM 12-Volt DC Aftercooler

PART NUMBERS AND SCHEMATICS

Figure 1: Blastmaster® 250 CFM 12-Volt DC Aftercooler



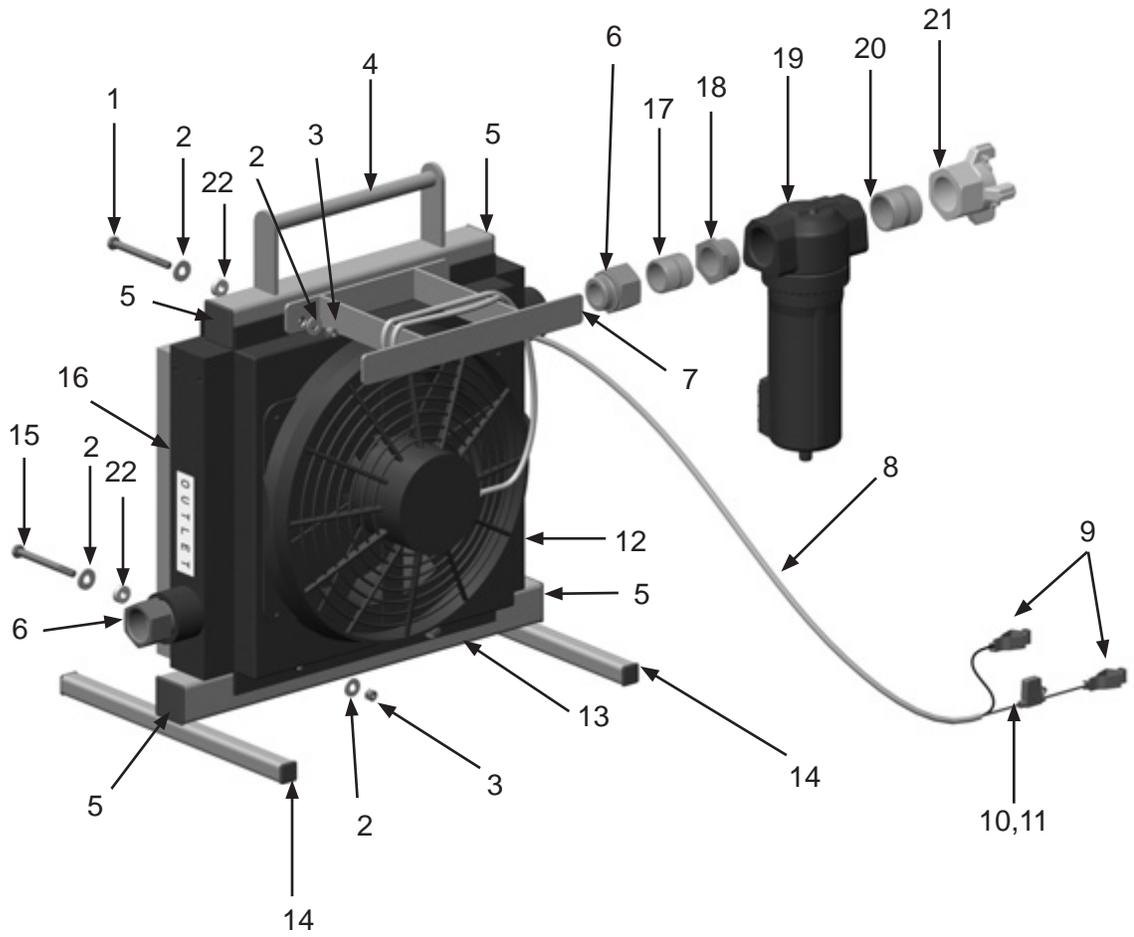
PART NUMBERS AND SCHEMATICS

Blastmaster® 250 CFM 12-Volt DC Aftercooler with Moisture Separator

Item #	Part #	Description
Fig. 1		
—	10108708	Blastmaster® 250 CFM 12-Volt DC Aftercooler with 1-1/2" Moisture Separator – Complete
1	1014112	5/16-18 X 3-1/4" Hex Bolt <i>(Two Required)</i>
2	10L805003	5/16" Flat Washer <i>(16 Required)</i>
3	20100900	5/16-18 Nylon Lock Nut <i>(Four Required)</i>
4	10108720	Blastmaster® 250 CFM 12-Volt DC Aftercooler Handle
5	20100281	2" x 2" Plastic Cap <i>(Four Required)</i>
6	10108831	SAE #20 x 1-1/4" NPT Adapter <i>(Two Required)</i>
7	10108722	Cord Wrap Weldment
8	1015540	16/2 SJ Power Cord <i>(Per Foot)</i>
9	10105169	Heavy Duty Steel Battery Clamp <i>(Two Required)</i>
10	10105167	20 Amp Fuse Blade Body Style
11	10105170	In-Line Fuse Holder With Cover
12	10108568	250 CFM Aftercooler Core & Fan
13	10108718	Blastmaster® 250 CFM 12-Volt DC Aftercooler Base
14	10108724	1" x 1" Plastic Cap <i>(Four Required)</i>
15	10108725	5/16-18 x 3-1/2" Hex Bolt <i>(Two Required)</i>
16	10108715	Blastmaster® 250 CFM 12-Volt DC Aftercooler Grate
17	1011201	1-1/4" Galvanized Close Nipple
18	1011501	1-1/2" (M) x 1-1/4" (F) Galvanized Bushing
19	10108726	1-1/2" Airline Filter
20	1014015	1-1/2" Galvanized Close Nipple
21	10ME4	1-1/2" 4-Lug Female Coupling
22	10108875	5/16" I.D. x 1/4" L Spacer <i>(Two Required)</i>
—	106M122	Part Numbers and Schematics Guide – Blastmaster® 250 CFM 12-Volt DC Aftercooler
—	1090122	Operator's Manual – Blastmaster® 250 CFM 12-Volt DC Aftercooler

PART NUMBERS AND SCHEMATICS

Figure 1: Blastmaster® 250 CFM 12-Volt DC Aftercooler with Moisture Separator



OPTIONAL ACCESSORIES

		AIRFLOW SHUTOFF KITS – LUG FITTINGS			
Part Numbers		Pipe String I.D.	Close Nipple	Full Port Ball Valve	Coupling
	10103732	1-1/4"	1011201 <i>(Quantity of Two)</i>	1011602	10ME3
	10103733	1-1/2"	1014015 <i>(Quantity of Two)</i>	1011603	10ME4

		AIRFLOW SHUTOFF KITS – HAMMERLOCK FITTINGS			
Part Numbers		Pipe String I.D.	Close Nipple	Full Port Ball Valve	Coupling Spud
	10103831	1-1/4"	1011201 <i>(Quantity of Two)</i>	1011602	10DXGB18
	10103832	1-1/2"	1014015 <i>(Quantity of Two)</i>	1011603	10DXGB23

OPTIONAL ACCESSORIES

		FEMALE THREADED METAL END COUPLING AND GASKET					
Part Numbers		Coupling Style	Thread Size	GASKET OPTIONS			Material
				Gasket I.D.	Gasket O.D.	Rubber Gasket	
	10ME3	4-Lug	1-1/4"	1-1/2"	2-3/8"	10UG4	Plated Iron
	10ME4	4-Lug	1-1/2"	1-1/2"	2-3/8"	10UG4	Plated Iron

		PIPE NIPPLES
Part Numbers		Description
	1011201	1-1/4" Galvanized Close Nipple
	1014015	1-1/2" Galvanized Close Nipple

CONTACT CENTER

- 3425 East Locust Street
Davenport, IA 52803

ph: 800.BLAST.IT (800.252.7848)
ph: 563.324.2519
fax: 563.324.6258

REGIONAL BRANCH OFFICES

- **Iowa**
Davenport
- **Louisiana**
Gonzales
Lafayette
- **Ohio**
Youngstown
- **Texas**
Beaumont
Corpus Christi
Deer Park



ABRASIVES
BLASTING
COATING
DUST COLLECTORS
ENGINEERED SYSTEMS
RENTAL
SAFETY
SERVICE & REPAIR
VACUUMS

40+ NATIONWIDE SHIPPING LOCATIONS



★ Marco Regional Branch Offices
and Shipping Locations

● Direct Shipping Locations

CONTACT MARCO

800.BLAST.IT
(800.252.7848)
563.324.2519
FAX: 563.324.6258

WWW.MARCO.US
SALES@MARCO.US