Experience, Trust, Service

CLEMCO® CPF BREATHING AIR FILTERS

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 Equipment, Coating Equipment, Engineered Systems, Rental Equipment, Safety Equipment, Service, and Repair.

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 over 65 years 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 over 45 shipping locations to serve North American and International markets for all major brands of blasting and painting 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 over 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, MSDS information, and Features, Advantages, and Benefits 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 Equipment, Coating Equipment, Engineered Systems, Rental Equipment, Safety Equipment, Service, and Repair.

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 Policy
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

PART NUMBERS

Part Numbers	CLEMCO® CPF BREATHING AIR FILTERS	
	Style	Number of Outlets
10C03578	Stationary, with Regulator	2-Outlet
10C03577	Stationary, without Regulator	2-Outlet
10C03527	Stationary, with Regulator	6-Outlet

CLEMCO® CPF BREATHING AIR FILTERS

10C03578

10C03577

10C03527

PART NUMBERS & SCHEMATICS GUIDE

Clemco® CPF-20 Breathing Air Filter

Item #	Part #	Description
Fig. 1		
—	**10C03578** **10C03577**	**Clemco CPF-20 Breathing Air Filter with Regulator** **Clemco CPF-20 Breathing Air Filter without Regulator** *Does Not Include Item #20*
1	10C03623	Handle Strap
2	10C00024B	1/4" NPT 0 – 60 PSI Pressure Gauge
3	10C01909	Pressure Relief Valve
4	10C22843	3/8" NPT Male Branch Tee
5	10C03547	Filter Cartridge
6	10C03252	3/8" NC x 1" Hex Head Cap Screw
7	10C03310	3/8" I.D. x 1-1/4" O.D. Washer
8	10C03311	3/8" NC Hex Nut
9	10C01993	1/4" Petcock
10	10C03557	Base Bracket
11	10C03532	1" NPT Pipe Plug
12	10C03515	1/2" SAE Flat Washer
13	10C03511	1/2" NC Hex Nut
14	10C08942	Gasket and O-Ring Kit
15	10C03318	3/8" Lock Washer
16	10C03720	3/8" NPT x 2" Brass Nipple
17	10C03584	Air Filter Cap
18	10C03536	3/8" NPT Brass Plug
19	10C03545	Filter Cap Stud
20	10C03594	Pressure Regulator
—	10C03582	Regulator Kit *Includes Item #'s: 4, 16, 18, and 20*
—	105V485	Features Guide – Clemco® CPF Air Filters
—	106M485	Part Numbers & Schematics Guide – Clemco® CPF Air Filters
—	109V485	Operator's Manual – Clemco® CPF Air Filters

PART NUMBERS & SCHEMATICS GUIDE

Figure 1: Clemco® CPF-20 Breathing Air Filter
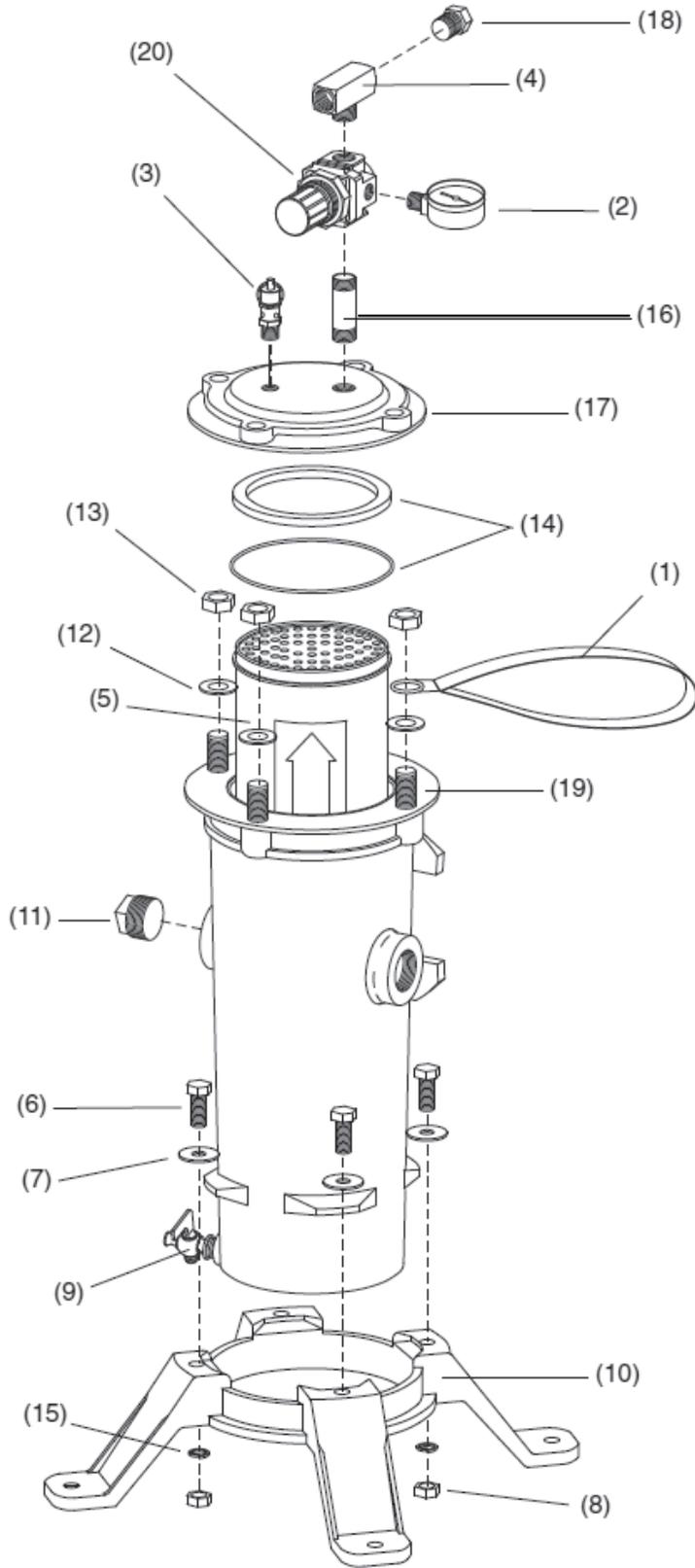
Clemco® CPF-80 Breathing Air Filter

Item #	Part #	Description
Fig. 2		
—	**10C03527**	**Clemco CPF-80 Breathing Air Filter with Regulator**
1	10C03547	Filter Cartridge
2	10C03252	3/8" NC x 1" Hex Head Cap Screw
3	10C03310	3/8" I.D. x 1-1/4" O.D. Washer
4	10C03311	3/8" NC Hex Nut
5	10C01993	1/4" Petcock
6	10C03557	Base Bracket
7	10C03532	1" NPT Pipe Plug
8	10C03515	1/2" SAE Flat Washer
9	10C03511	1/2" NC Hex Nut
10	10C08942	Gasket and O-Ring Kit
11	10C03318	3/8" Lock Washer
12	10C03545	1/2" NC x 2" Stud
13	10C03623	Handle Strap
14	10C00024	Pressure Gauge
15	10C22941	3/8" NPT Cross Manifold
16	10C03596	3/8" NPT Hex Nipple
17	10C01909	1/4" NPT Relief Valve
18	10C22939	3/8" NPT Large Body Pressure Regulator
19	10C03584	CPF FIlter Cap
20	10C03536	3/8" NPT Brass Plug
—	10C23477	Pressure Regulator Conversion Kit (Converts old style CPF-80 Cap to New Style) *Includes Item #'s: 13, 15, 18, and 19*
—	105V485	Features Guide – Clemco® CPF Air Filters
—	106M485	Part Numbers & Schematics Guide – Clemco® CPF Air Filters
—	109V485	Operator's Manual – Clemco® CPF Air Filters

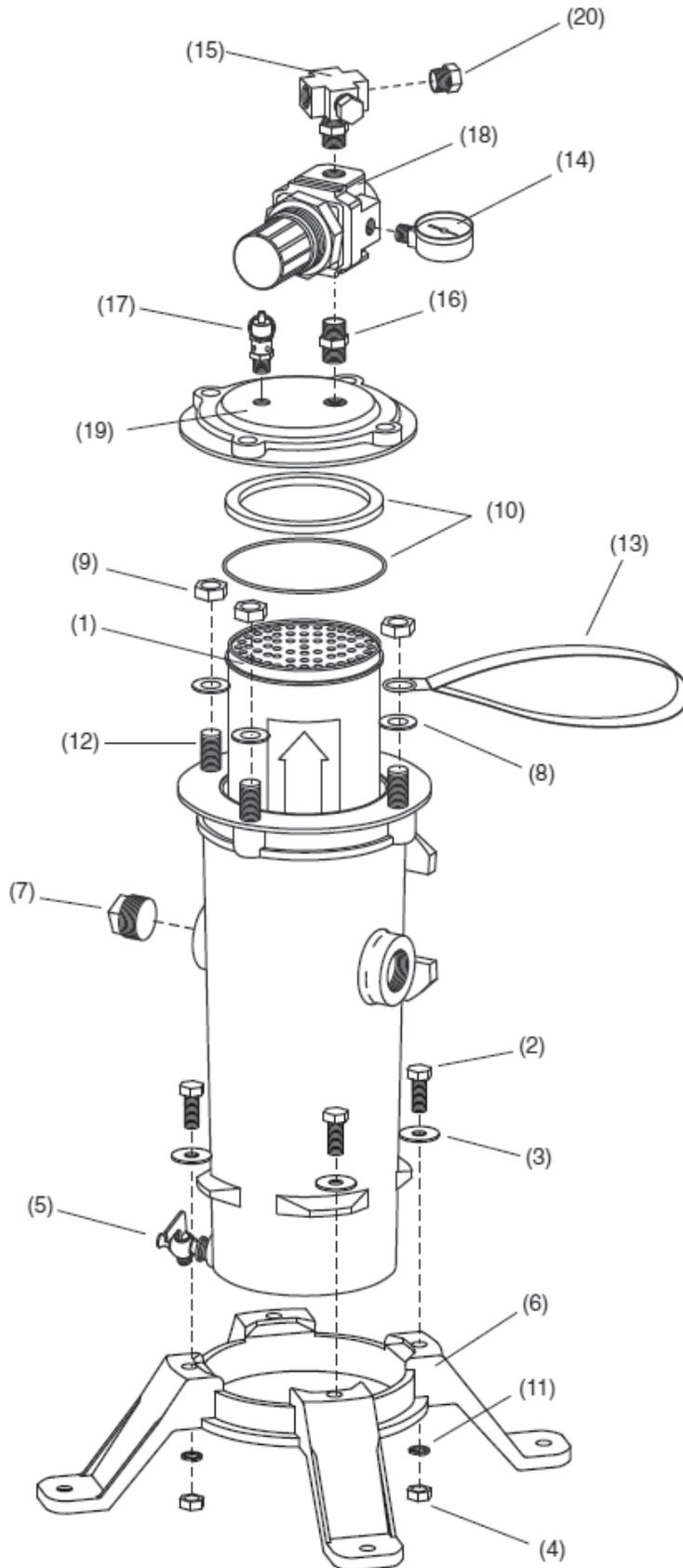# PART NUMBERS & SCHEMATICS

Figure 2: Clemco® CPF-80 Breathing Air Filter

OPTIONAL ACCESSORIES

Part Numbers	BREATHING LINE FITTINGS AND QUICK-DISCONNECT COUPLINGS
	Description
10BV11	3/8" Male x 3/8" Male Hose to Hose Connector Hex Nipple *Replace 10BV11 with 10BV27 if not using 10B4696 Starter Hose*
10BV12	3/8" Male NPT Pipe Thread to 1/4" Male Hose Adapter Hex Nipple *Included in 10BV27*
10BV13	3/8" Male NPT Pipe Thread to 3/8" Male Hose Adapter Hex Nipple *Comes on 10B5454, 10B5457 and 10B5458*
10BV14	1/4" Female Quick-Disconnect Coupling, Shut-Off with 1/4" Female Pipe Thread *Included in 10BV27*
10BV19	1/4" Female Snap-Tite Quick-Disconnect Coupling, Shut-off with 1/4" Female Pipe Thread
10BV15	1/4" Female Quick-Disconnect Coupling, Shut-Off with 3/8" Male Pipe Thread *Install on airline filter to make quick-disconnect*
10BV27	1/4" Female Industrial Interchange Coupling Assembly *Includes 10BV12 and 10BV14* *Replaces 10BV13 at the hood to make quick-disconnect if not using 10B4696 Starter Hose*
10BV17	1/4" Male Industrial Interchange Quick-Disconnect Coupling, 3/8" Female NPT Pipe Thread *Add to 10BV13 to make quick-disconnect at airline filter*
10BS19442	1/4" Male Snap-Tite Quick-Disconnect Coupling With 1/4" Female NPT Pipe Thread
10BS19432	1/4" Male Schrader® Coupling with 1/4" Male Pipe Thread

OPTIONAL ACCESSORIES

	Part Numbers	3/4" I.D. X 1-1/4" O.D. AIR HOSE				
		Length	Hose I.D.	Hose O.D.	Working Pressure	Hose Cover Color
	10AH034	Per Ft.	3/4"	1-1/4"	200 PSI	Red

	Part Numbers	3/4" I.D. X 1-1/4" O.D. AIR HOSE WITH COUPLINGS INSTALLED					
		Length	Hose I.D.	Hose O.D.	Working Pressure	Hose Cover Color	Couplings
	10AH034AC	50 Ft.	3/4"	1-1/4"	200 PSI	Red	2-Lug Crimped On

	Part Numbers	MALE HOSE END COUPLING AND GASKET FOR 3/4" I.D. AIR HOSE					
					GASKET		
		Hose I.D.	Material	Coupling Style	Rubber Gasket	Gasket I.D.	Gasket O.D.
	10HE1	3/4"	Zinc-Plated Iron	2-Lug	10UG2	3/4"	1-3/8"

	Part Numbers	BOSS CLAMP FOR 3/4" I.D. AIR HOSE		
		Hose I.D.	Hose O.D. Range	Material
	10A9	3/4"	1-1/8"–1-5/16"	Plated Steel

OPTIONAL ACCESSORIES

	Part Numbers	Length	Hose I.D.	Hose O.D.	Working Pressure	Hose Cover Color
1" I.D. X 1-1/2" O.D. AIR HOSE						
	10AH100	Per Ft.	1"	1-1/2"	200 PSI	Red

	Part Numbers	Length	Hose I.D.	Hose O.D.	Working Pressure	Hose Cover Color	Couplings	Band Clamps
1" I.D. X 1-1/2" O.D. AIR HOSE WITH COUPLINGS INSTALLED								
	10AH100AC	50 Ft.	1"	1-1/2"	200 PSI	Red	2-Lug Crimped On	

	Part Numbers	Hose I.D.	Material	Coupling Style	GASKET		
MALE HOSE END COUPLING AND GASKET FOR 1" I.D. AIR HOSE					Rubber Gasket	Gasket I.D.	Gasket O.D.
	10HE2	1"	Plated Iron	2-Lug	10UG2	3/4"	1-3/8"

	Part Numbers	Hose I.D.	Material
HAMMER-LOCK FITTING FOR 1" I.D. AIR HOSE			
	10DXGF36	1"	Plated Steel

	Part Numbers	Hose I.D.	Hose O.D. Range	Material
BOSS CLAMP FOR 1" I.D. AIR HOSE				
	10A14	1"	1-1/2"–1-13/16"	Plated Steel

MAINTENANCE NOTES

DATE	TYPE OF SERVICE	PART NUMBER

MAINTENANCE NOTES

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DATE	TYPE OF SERVICE	PART NUMBER

GLOBAL HEADQUARTERS

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  Davenport, IA 52803

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  fax: 563.324.6258

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  Deer Park, TX 77536

  ph: 800.BLAST.IT (800.252.7848)
  ph: 281.930.0905
  fax: 281.542.0736

REGIONAL BRANCH OFFICES

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