ALLREDI™

MARCO® 400 CFM CART MOUNTED AFTERCOOLER WITH MOISTURE SEPARATOR



Marco®
Powered by ALLREDI

PART NUMBERS AND SCHEMATICS GUIDE

Company Profile

Allredi was formed in the early 2020, when two of the largest distributors in the blasting, coating, safety, and environmental industry, APE Companies and Marco Group International, joined forces. While the qualities both companies are known for have not changed, a lot about our business is new. New abilities. New agilities. New ways to help you win. This calls for a new name, Allredi.

This name exemplifies what we have become. It is completely oriented to the needs of our customers. To your needs. It says that when you call us for anything – products, service, expert advice, anything – you can consider it done. Or even better, Allredi done.

We are your right-now supplier. From skills to SKUs, we deliver the goods fast. So you can be more agile every minute, every day. This is who we are. This is what our new name means. Go ahead and expect excellence, because we're bringing it.

Our Mission and Vision

To be the industry's preferred partner in surface preparation solutions through unrivaled technical expertise, customer experience, product availability, and tailored service offerings.

The Allredi Difference

- **Industry Experience** – With Allredi 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 an Allredi customer, you have access to hundreds of years of cumulative experience related to your operations.
- **Manufacturing Excellence** – Allredi is a U.S. based manufacturer of equipment for the Surface Preparation and Protective Coatings industries. Allredi'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** – Allredi'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, coating, environmental, and safety equipment. Allredi is your right-now supplier, so you can keep your projects moving. From our foundation of strong relationships, we have built a nationwide network that puts vast inventory and ready service close to our customers. We provide advanced expertise, and we deliver the goods fast – so you can easily access the products and services you need to me more agile every minute, every day.
- **Technology Leadership** – Our website provides: Operator's Manuals, Part Numbers and Schematics Guides, SDS information, and key product features and specifications, providing access to information 24/7.

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PART NUMBERS

	MARCO® 400 CFM CART MOUNTED AFTERCOOLER WITH MOISTURE SEPARATOR						
	Inlet			Outlet			
Part Numbers	Inlet Quantity	Inlet Size	Fittings	Outlet Quantity	Outlet Size	Fittings	Filter, Regulator, and Lubricator
10103924	1	2”	Included	5	(1) 2", (4) 1"	Not Included	Included

** Inlet fittings include 2” 4-Lug Female Coupling.*



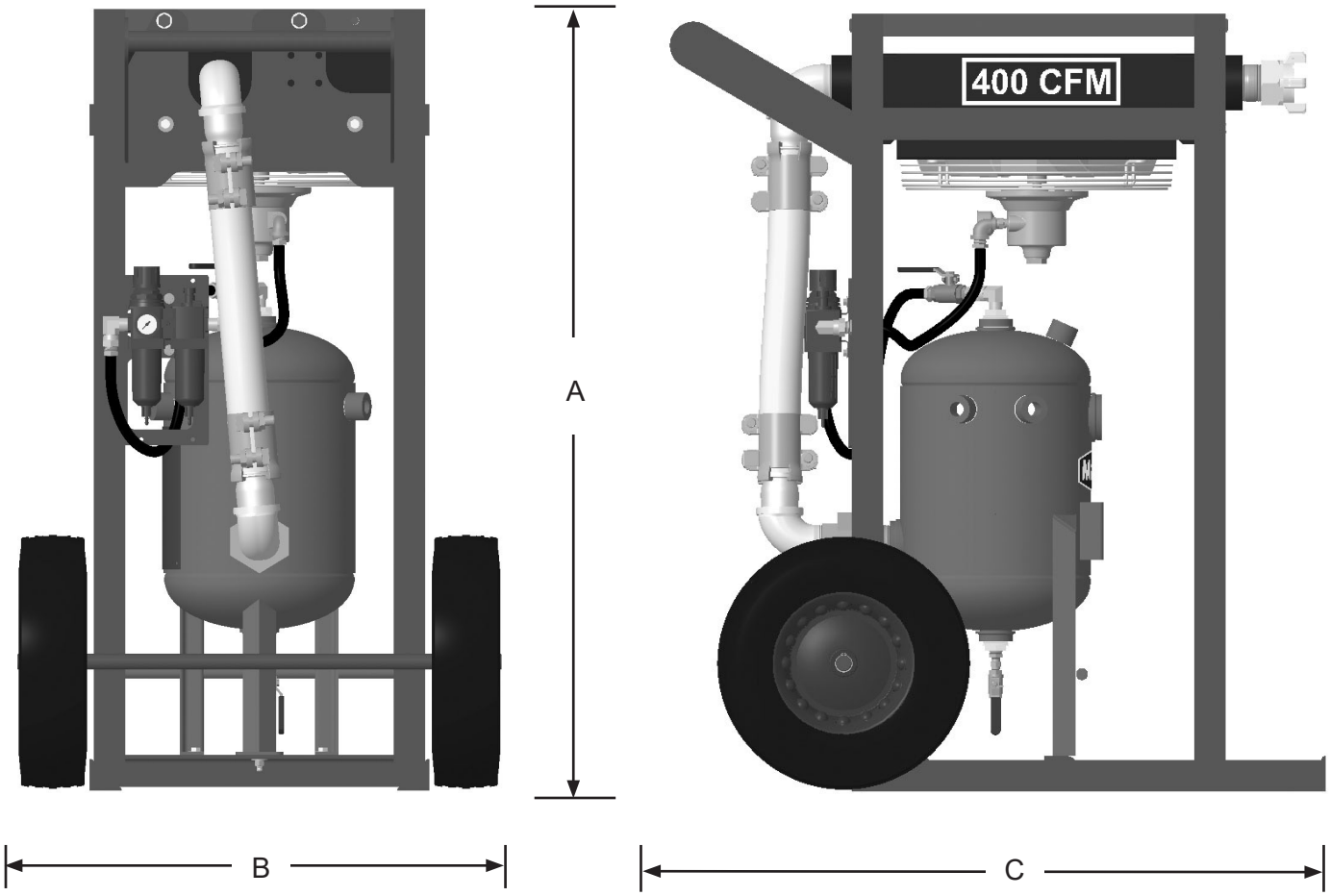


SPECIFICATIONS

Lubrication: SAE 10 oil or Air Tool Anti-freeze Lubricant

Empty Weight: 385 Pounds

Overall Dimensions: A: 49 1/4”
B: 30 1/2”
C: 42 1/2”



PART NUMBERS AND SCHEMATICS

Marco® 400 CFM Cart Mounted Aftercooler With Moisture Separator—Pneumatic

Item #	Part #	Description
Fig. 1		
—	**10103924**	**Marco® 400 CFM Cart-Mounted Aftercooler with Moisture Separator – Complete**
1	10101943	1/2-13 x 1-3/4” Hex Bolt *(Four Required)*
2	10100674	1/2” Flat Washer *(Eight Required)*
3	10100675	1/2” Lock Washer *(Four Required)*
4	10101941	1/2-13 Hex Nut *(Four Required)*
5	10101271	Heat Exchanger Protective Grate
6	—	400 CFM Aftercooler – Complete *(See Fig. 2 & 3)*
7	1006064	Wheel *(Two Required)*
8	1006205	Wheel Clip *(Four Required)*
9	10108972	Frame
10	10101318	800 CFM 6-Outlet Aftercooler Tank
11	10101059	3/8-6 x 1-1/4” Galvanized Bolt *(Seven Required)*
12	10101942	3/8” Galvanized Flat Washer *(14 Required)*
13	10L805015	3/8” Galvanized Lock Washer *(Seven Required)*
14	10101938	3/8-16 Galvanized Hex Nut *(Seven Required)*
15	10ME5	2” 4-Lug Female NPT Coupling
16	1001806	2” Close Nipple - Galvanized *(Two Required)*
17	—	Transfer Hose Assembly *(See Fig. 5)*
18	10101784	Muffer
19	1017019	1/4” NPT Hex Nipple *(Two Required)*
20	10101185	1/2” x 1/4” NPT 90° Reducing Elbow
21	10PAF050	1/2” Push-on Air Hose Fitting *(Four Required)*
22	10AH012	1/2” I.D. Air Hose *(Per Foot)*
23	1011820	1-1/4” to 1/2” NPT Bushing *(Two Required)*
24	10SAP1290	1/2” NPT 90° Swivel *(Three Required)*
25	10101232	Air Regulator/Lubricator with Pressure Gauge *(See Fig. 4)*
26	10L363	1/2” Full Port Ball Valve
27	1011818	1/2” x 1/4” Galvanized Bushing
28	1080050	1/4” Ball Valve
29	20100677	1/2” NPT Hex Nipple
30	1094535	400 CFM Decal *(Two Required)*
—	1091045	Hazard Identification Tag
—	106M108	Part Numbers and Schematics Guide – Marco® 400 CFM Cart-Mounted Aftercooler with Moisture Separator
—	1091108	Operator’s Manual – Marco® 400 CFM Cart-Mounted Aftercooler with Moisture Separator

PART NUMBERS AND SCHEMATICS

Figure 1: Marco® 400 CFM Cart Mounted Aftercooler With Moisture Separator—Pneumatic

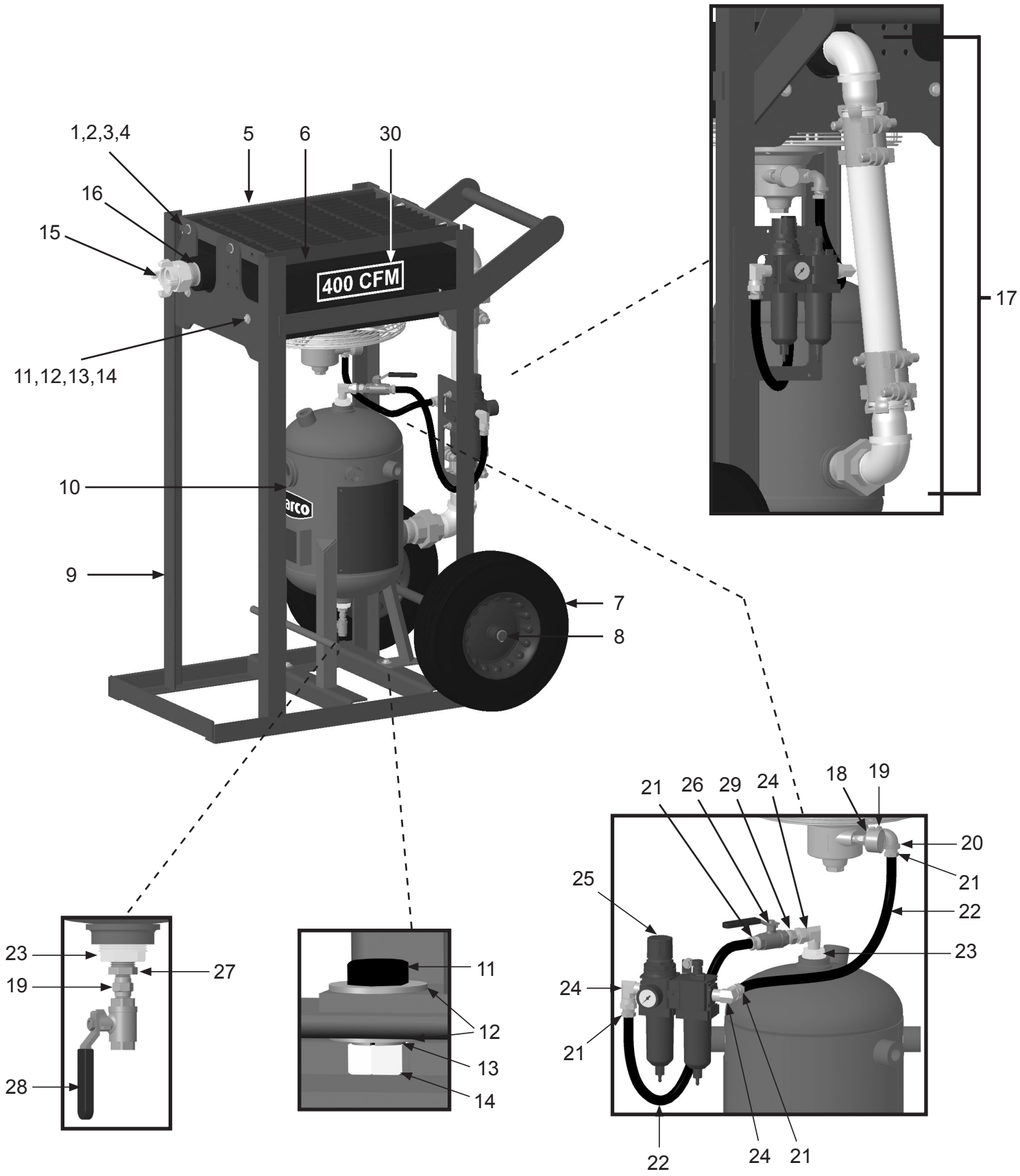
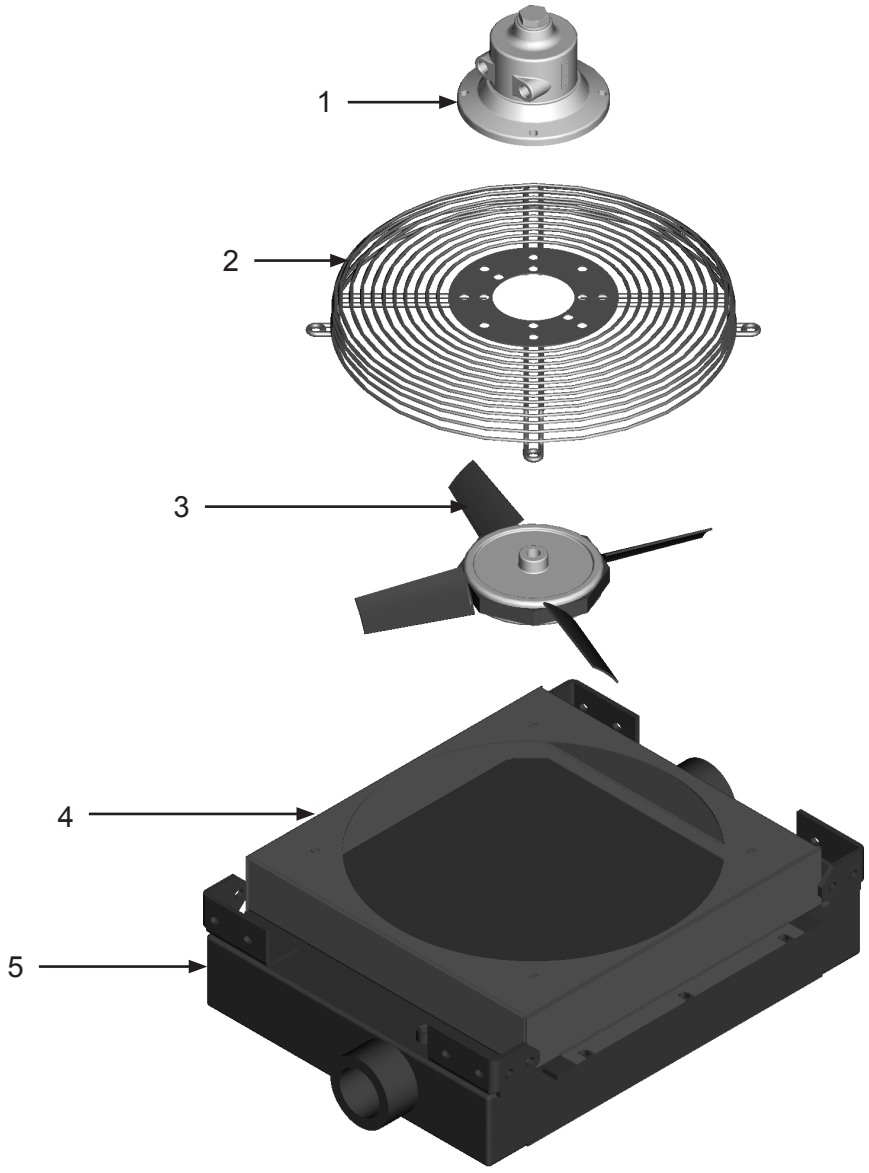
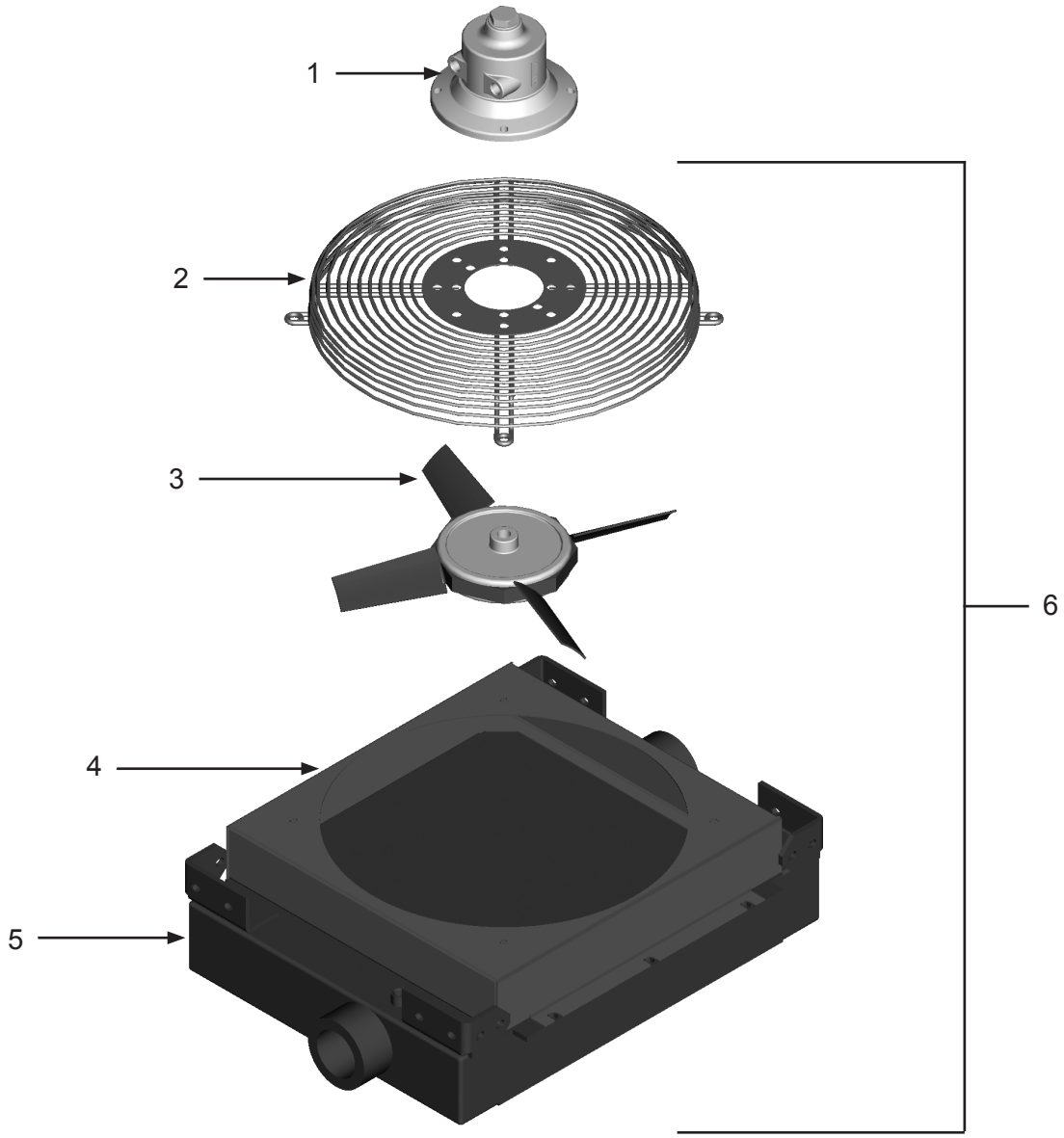


Figure 2: Aftercooler Assembly—Pneumatic (*Units sold before March 2026*)



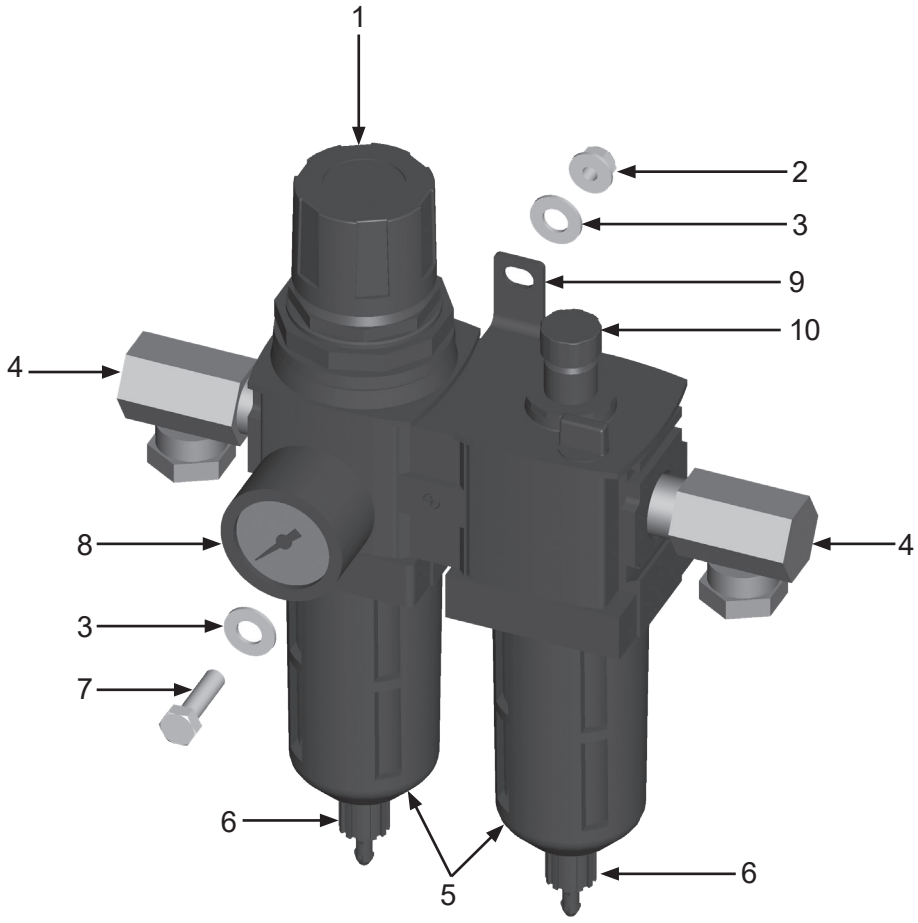
Item #	Part #	Description
Fig. 2		
—	**10TTAHP4005**	**400 CFM Aftercooler—Pneumatic—Complete**
1	10101780	Air Motor
2	10101788	Fan Guard
3	10101787	Fan Blade Assembly (Includes four Blades and Hub)
4	10103983	Fan Shroud
5	10101786	Aftercooler Core
—	10101781	Air Motor Service Kit *Includes: Shaft Seal, Drive End Bearing, Dead End Bearing, Vanes (Quantity of Four), Push Pins (Quantity of Four), Vane Springs (Quantity of Four), Shim, End Cap Gasket, Muffler Cartridge, and Muffler Felt*

Figure 3: Aftercooler Assembly—Pneumatic (*Units sold after March 2026*)



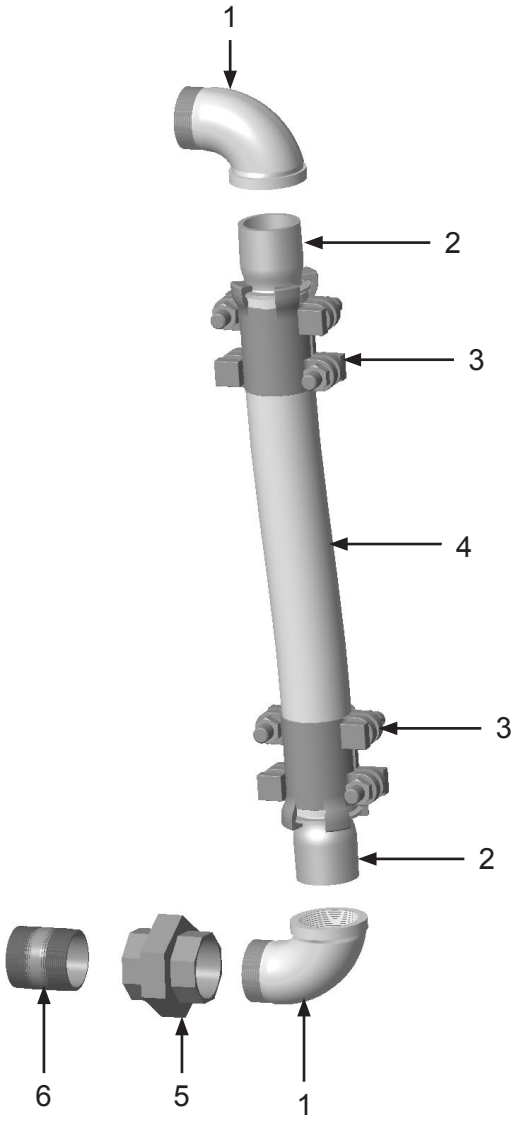
Item #	Part #	Description
Fig. 3		
—	**10110619**	**400 CFM Aftercooler—Pneumatic—Complete**
1	10101780	Air Motor
2	10111010	Fan Guard
3	10111011	Fan Blade Assembly (Includes four Blades and Hub)
4	10111009	Fan Shroud
5	10111012	Aftercooler Core
6	10109322	400 CFM Aftercooler without Air Motor (*Includes Item #2,3,4,5*)
—	10101781	Air Motor Service Kit *Includes: Shaft Seal, Drive End Bearing, Dead End Bearing, Vanes (Quantity of Four), Push Pins (Quantity of Four), Vane Springs (Quantity of Four), Shim, End Cap Gasket, Muffler Cartridge, and Muffler Felt*

Figure 4: Air Regulator/Lubricator



Item #	Part #	Description
Fig. 4		
1	10101232	Filter/Regulator/Lubricator with Pressure Gauge
2	1012323	1/4” Nylon Insert Lock Nut *(Two Required)*
3	1014017	1/4” Flat Washer *(Four Required)*
4	10SAP1290	1/2” 90° Swivel *(Two Required)*
5	10101235 10109913	Polycarbonate Bowl - Wilkerson *(Two Required)* Bowl With O-Ring - Midwest Control *(Two Required)*
6	10101234 10109914	Manual Drain - Wilkerson Manual Drain - Midwest Control
7	1012154	1/4-20 X 1” Bolt *(Two Required)*
8	1028606	Pressure Gauge – 0-160 PSI 1/4” – Back Mount
9	10109907	Quick Clamp with Bracket - Midwest Control
10	10109912	Sight Dome - Midwest Control
–	10101233 10109915	Filter Element - Wilkerson Filter Element 40 Micron - Midwest Control
–	1070517	Pneumatic Air Tool Oil–32 oz. bottle

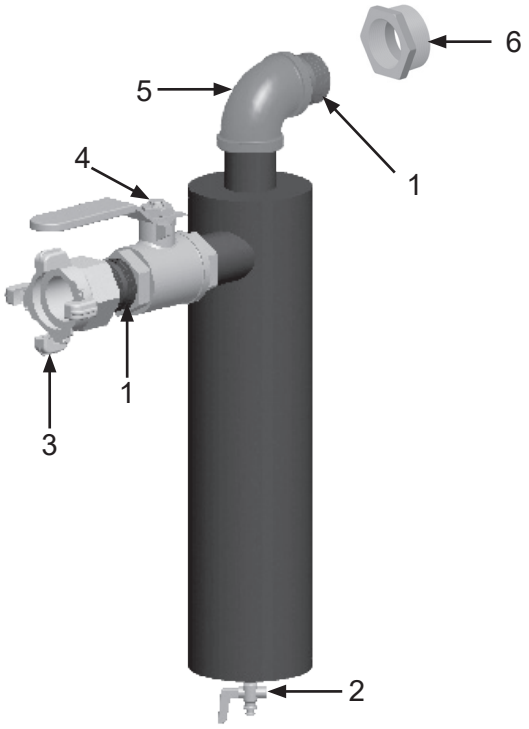
Figure 5: Transfer Hose Assembly



Item #	Part #	Description
Fig. 5		
1	10101265	2” 90° Street Elbow *(Two Required)*
2	10101268	2” NPT Male Boss Stem *(Two Required)*
3	10BU28	2” Boss Clamp *(Two Required)*
4	10101269	2” I.D. Steel Reinforced Air Hose *(Per Foot)*
5	10101267	2” NPT Pipe Union
6	1001806	2” NPT Close Nipple

OPTIONAL ACCESSORIES

Figure 6: 1-1/2” Extractor Moisture Separator Assembly



Item #	Part #	Description
Fig. 6		
–	**10101313**	**Marco® 1-1/2" Extractor Moisture Separator** *Includes Item #: 1, 2, 3, 4, and 5*
1	1014015	1-1/2” NPT Close Nipple *(Two Required)*
2	1012101	1/4” NPT Brass Petcock
3	10ME4	4-Lug Air Hose Fitting – 1-1/2" NPT (F)
4	1011603	1-1/2” NPT Full Port Brass Ball Valve
5	1011842	1-1/2” NPT 90° Elbow
6	1001868	2” x 1-1/2” Hex Bushing
—	106M349	Part Numbers and Schematics Guide – Marco® Extractor Moisture Separators

OPTIONAL ACCESSORIES

	AIRFLOW SHUTOFF KITS – LUG FITTINGS				
	Part Numbers	**Pipe String I.D.**	**Close Nipple**	**Full Port Ball Valve**	**Coupling**
	**10103731**	1"	1012151	1011601	10ME2
	**10103732**	1-1/4"	1011201 *(Quantity of Two)*	1011602	10ME3
	**10103733**	1-1/2"	1014015 *(Quantity of Two)*	1011603	10ME4
	**10103734**	2"	1001806 *(Quantity of Two)*	1011604	10ME5

	AIRFLOW SHUTOFF KITS – HAMMERLOCK FITTINGS				
	Part Numbers	**Pipe String I.D.**	**Close Nipple**	**Full Port Ball Valve**	**Coupling Spud**
	**10103830**	1”	10102151 *(Quantity of Two)*	1011601	10DXGB13
	**10103831**	1-1/4”	1011201 *(Quantity of Two)*	1011602	10DXGB18
	**10103832**	1-1/2”	1014015 *(Quantity of Two)*	1011603	10DXGB23
	**10103833**	2”	1001806 *(Quantity of Two)*	1011604	10DXGB28
	**10103934**	3”	10101040 *(Quantity of Two)*	1011608	10GB38

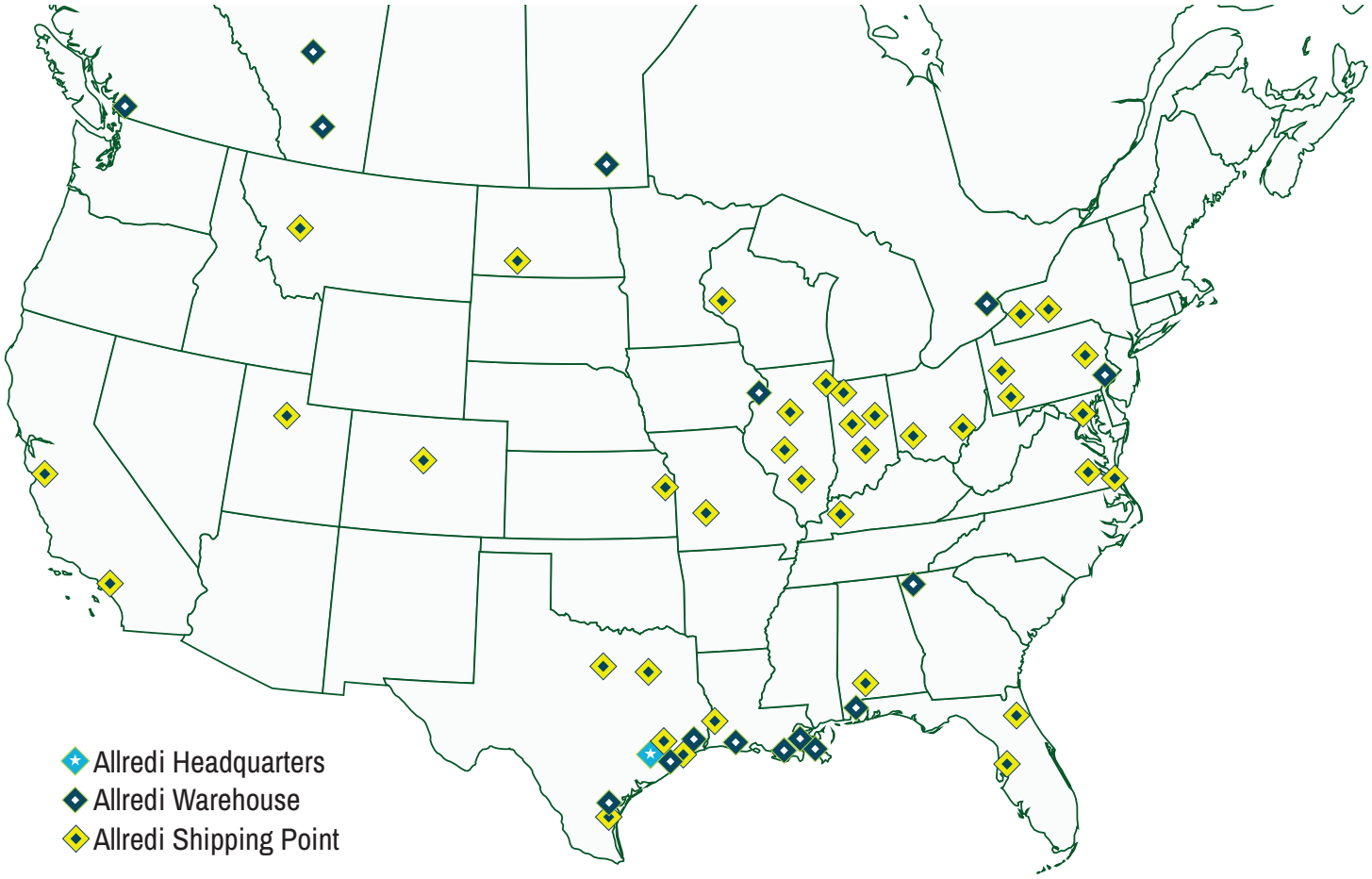
OPTIONAL ACCESSORIES

	Part Numbers	GALVANIZED SQUARE HEAD PIPE PLUGS
		Size
	**1011901**	1"
	**1011902**	1-1/4"
	**1011101**	1-1/2"
	**1011823**	2"
	**10101034**	3”

Part Numbers	LUBRICATION
1070517	Pneumatic Air Tool Oil - 32 oz. bottle

MAINTENANCE NOTES

DATE	TYPE OF SERVICE	PART NUMBER



ALLREDI THERE

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