



# Merkur™

High Performance Fine Finish Packages



PROVEN QUALITY. LEADING TECHNOLOGY.

# Advanced Technology. Superior Performance.

The new and improved Merkur™ packages are designed to outperform and outlast other pumps in their class. With more models and configurations to choose from, you get the precise pressure and output you need for all of your finishing applications.

## Air Motor

- Highest technology air motor on the market
- Low air consumption for increased efficiency
- Muffler provides low operating noise levels
- External valve access allows for easy servicing and online replacement to minimize downtime

## Operator Control Panel

- Air controls located at operator height for easy setting and monitoring

## Throat Seal and Rod Enclosure

- Protects pumped material and wet cup from contamination but can be easily removed to monitor and service



## Monitor and protect your pump with the market's first integrated local monitoring system!

- Easy to set runaway protection, where you set the cycle rate limit
- Pump diagnostics help advise when to maintain the pump
- Resettable batch counter tracks material usage and maintenance schedule

# Long-Lasting Durability

## Pump Lower

- Easy-to-flush design allows for fast color changes and reduced solvent usage
- 300 Series stainless steel pump construction provides long-lasting durability
- Designed for improved serviceability with fewer parts and lower cost of ownership

**Air Valve**  
Provides smooth and rapid changeover

**Quick Removal Coupler**  
Allows for easy disassembly of the pump lower from the air motor

**Cylinder and Displacement Rod**  
Designed to handle a broad range of coatings

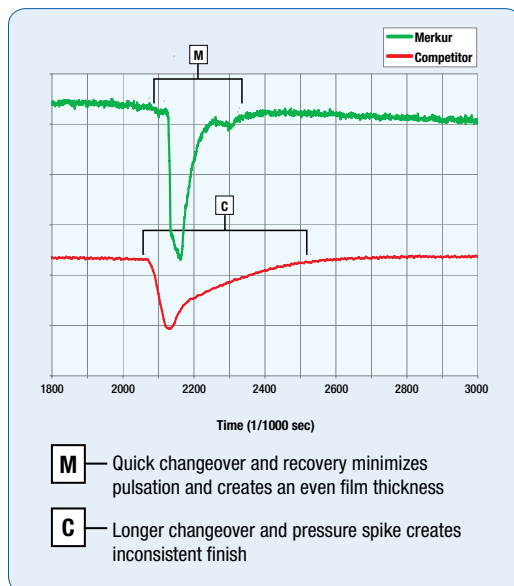
**Throat Seal Liquid (TSL) Level Indicator**  
Extended wet cup for external filling and monitoring of TSL levels

**Throat and Piston Packings**  
Self-adjusting and spring-loaded so no adjustments are needed to maintain long packing life

**360° Inlet Fitting**  
Makes it easy to access the pail from almost any location

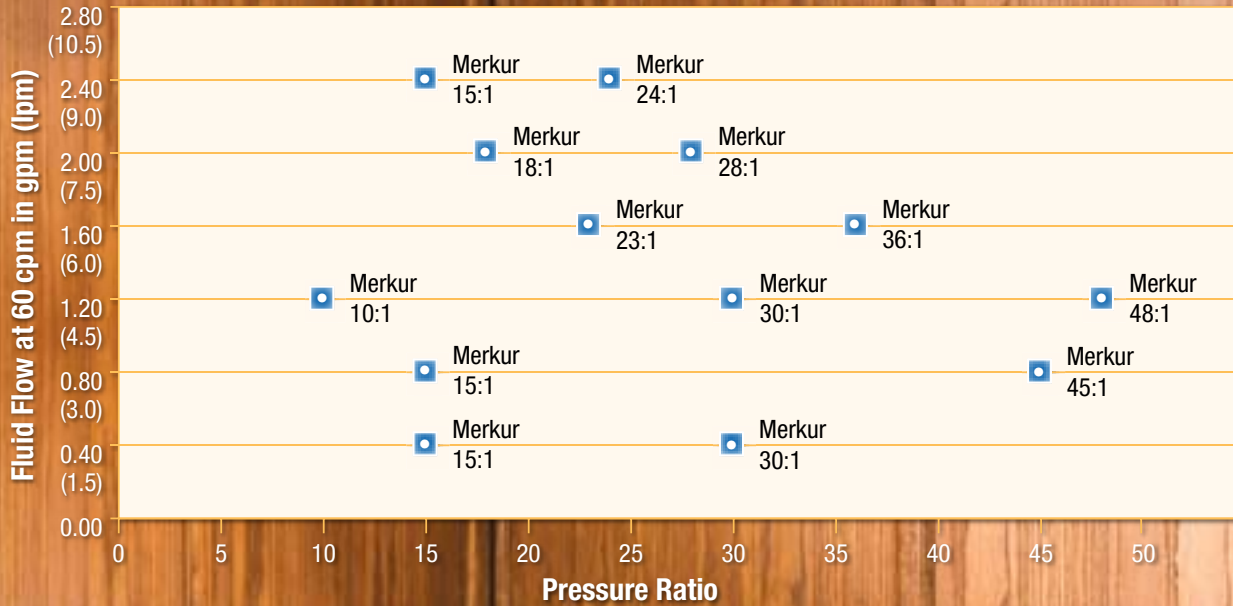
## Less Pulsation for Better Results

Merkur is designed to provide a smooth, rapid changeover for a better, more consistent finish and less user fatigue.



## The right flows at the right pressures to fit all of your spraying needs.

With four air motor sizes and 13 different models to choose from, Merkur fine finish packages are designed to improve productivity, reduce costs, lower emissions and provide consistent, high quality finishes for all of your demanding applications.



# Making the Right Choice for your Application

Combine a Merkur pump with a variety of guns and accessories, and you'll be on your way to selecting the package that's right for you!

## Select a Spray Technology



AA Series™  
Air Assisted Gun



XTR  
Airless Gun



PRO Xs™  
Air Assisted Electrostatic

## Select a Mounting Configuration



Cart Mount



Wall Mount



Stand Mount

## Determine the Accessories that are right for you!



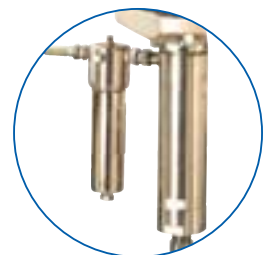
Siphon Hose



Hopper



Heater



Filter

# Ordering Information

## Air-Assisted Packages

Merkur Assembly Part No.	Pump Ratio	Flow Rate at 60 cpm gpm (lpm)	Wall Mount	Cart Mount	Stand Mount	DataTrak	DataTrak - Cycle Count Only	G15 Gun Carbide Seat	Fluid Filter	Suction Hose	Hopper (1.5 gal)
<b>Merkur 10:1 1.2 gpm (4.5 lpm)</b>											
G10W05	10	1.2 (4.5)	•					•		•	
G10W06	10	1.2 (4.5)	•			•		•		•	
G10W07	10	1.2 (4.5)	•					•	•	•	
G10W08	10	1.2 (4.5)	•			•		•	•	•	
G10C07	10	1.2 (4.5)		•				•		•	
G10C08	10	1.2 (4.5)		•		•		•		•	
G10C09	10	1.2 (4.5)		•				•	•	•	
G10C10	10	1.2 (4.5)		•		•		•	•	•	
G10C11	10	1.2 (4.5)		•				•			•
G10C13	10	1.2 (4.5)		•				•	•		•
<b>Merkur 15:1 0.4 gpm (1.5 lpm)</b>											
G15W05	15	0.4 (1.5)	•					•		•	
G15W06	15	0.4 (1.5)	•				•	•		•	
G15W07	15	0.4 (1.5)	•					•	•	•	
G15W08	15	0.4 (1.5)	•				•	•	•	•	
G15C07	15	0.4 (1.5)		•				•		•	
G15C08	15	0.4 (1.5)		•			•	•		•	
G15C09	15	0.4 (1.5)		•				•	•	•	
G15C10	15	0.4 (1.5)		•			•	•	•	•	
G15C11	15	0.4 (1.5)		•				•			•
G15C12	15	0.4 (1.5)		•			•	•			•
G15C13	15	0.4 (1.5)		•				•	•		•
G15C14	15	0.4 (1.5)		•			•	•	•		•
G15T03	15	0.4 (1.5)			•			•		•	
G15T04	15	0.4 (1.5)			•		•	•		•	
G15T05	15	0.4 (1.5)			•			•			•
<b>Merkur 15:1 0.8 gpm (3.0 lpm)</b>											
G15W25	15	0.8 (3.0)	•					•		•	
G15W26	15	0.8 (3.0)	•			•		•		•	
G15W27	15	0.8 (3.0)	•					•	•	•	
G15W28	15	0.8 (3.0)	•			•		•	•	•	
G15C27	15	0.8 (3.0)		•				•		•	
G15C28	15	0.8 (3.0)		•		•		•		•	
G15C29	15	0.8 (3.0)		•				•	•	•	
G15C30	15	0.8 (3.0)		•		•		•	•	•	
G15C31	15	0.8 (3.0)		•				•			•
G15C33	15	0.8 (3.0)		•				•	•		•
G15T13	15	0.8 (3.0)			•			•		•	
G15T14	15	0.8 (3.0)			•	•		•		•	
G15T15	15	0.8 (3.0)			•			•			•
<b>Merkur 15:1 2.4 gpm (9.0 lpm)</b>											
G15W55	15	2.4 (9.0)	•					•	•	•	
G15W56	15	2.4 (9.0)	•			•		•	•	•	
G15C83	15	2.4 (9.0)		•				•	•	•	
G15C84	15	2.4 (9.0)		•		•		•	•	•	



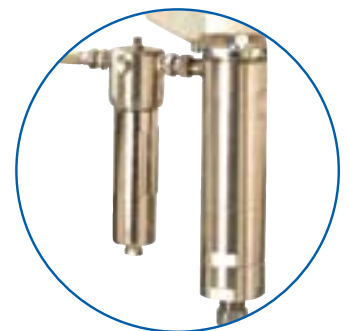
Air-Assisted Cart Package

## Air-Assisted Packages

Merkur Assembly Part No.	Pump Ratio	Flow Rate at 60 cpm gpm (lpm)	Wall Mount	Cart Mount	DataTrak	G40 Gun	G40 RAC Gun	Fluid Filter	Suction Hose	Heated Package	Heater Voltage
<b>Merkur 18:1 2.0 gpm (7.5 lpm)</b>											
G18W07	18	2.0 (7.5)	•			•		•	•		
G18W08	18	2.0 (7.5)	•		•	•		•	•		
G18W09	18	2.0 (7.5)	•				•	•	•		
G18W10	18	2.0 (7.5)	•		•		•	•	•		
G18C05	18	2.0 (7.5)		•		•		•	•		
G18C06	18	2.0 (7.5)		•	•	•		•	•		
G18C07	18	2.0 (7.5)		•			•	•	•		
G18C08	18	2.0 (7.5)		•	•		•	•	•		
<b>Merkur 23:1 1.6 gpm (6.0 lpm)</b>											
G23W09	23	1.6 (6.0)	•			•		•	•		
G23W10	23	1.6 (6.0)	•		•	•		•	•		
G23W11	23	1.6 (6.0)	•				•	•	•		
G23W12	23	1.6 (6.0)	•		•		•	•	•		
G23C07	23	1.6 (6.0)		•		•					
G23C11	23	1.6 (6.0)		•		•		•			
G23C09	23	1.6 (6.0)		•		•		•	•		
G23C12	23	1.6 (6.0)		•	•	•		•	•		
G23C13	23	1.6 (6.0)		•			•	•	•		
G23C14	23	1.6 (6.0)		•	•		•	•	•		
<b>Merkur 24:1 2.4 gpm (9.0 lpm)</b>											
G24W07	24	2.4 (9.0)	•			•		•	•		
G24W08	24	2.4 (9.0)	•		•	•		•	•		
G24W09	24	2.4 (9.0)	•				•	•	•		
G24W10	24	2.4 (9.0)	•		•		•	•	•		
G24C09	24	2.4 (9.0)		•		•		•	•		
G24C10	24	2.4 (9.0)		•	•	•		•	•		
G24C11	24	2.4 (9.0)		•			•	•	•		
G24C12	24	2.4 (9.0)		•	•		•	•	•		
<b>Merkur 28:1 2.0 gpm (7.5 lpm)</b>											
G28W11	28	2.0 (7.5)	•			•		•	•		
G28W12	28	2.0 (7.5)	•		•	•		•	•		
G28W13	28	2.0 (7.5)	•				•	•	•		
G28W14	28	2.0 (7.5)	•		•		•	•	•		
G28W17	28	2.0 (7.5)	•			•		•	•	•	120
G28W18	28	2.0 (7.5)	•		•	•		•	•	•	120
G28C09	28	2.0 (7.5)		•		•		•	•		
G28C10	28	2.0 (7.5)		•	•	•		•	•		
G28C11	28	2.0 (7.5)		•			•	•	•		
G28C12	28	2.0 (7.5)		•	•		•	•	•		
G28C15	28	2.0 (7.5)		•		•		•	•	•	120
G28C16	28	2.0 (7.5)		•	•	•		•	•	•	120



Air-Assisted Cart Package



# Ordering Information

## Air-Assisted Packages

Merkur Assembly Part No.	Pump Ratio	Flow Rate at 60 cpm gpm (lpm)	Wall Mount	Cart Mount	Stand Mount	DataTrak	G40 Gun	G40 RAC Gun	Fluid Filter	Suction Hose	Hopper (1.5 gal)	Heated Package	Heater Voltage
<b>Merkur 30:1 0.4 gpm (1.5 lpm)</b>													
G30W13	30	0.4 (1.5)	•				•			•			
G30W14	30	0.4 (1.5)	•			•	•			•			
G30W15	30	0.4 (1.5)	•				•		•	•			
G30W16	30	0.4 (1.5)	•			•	•		•	•			
G30W17	30	0.4 (1.5)	•					•	•	•			
G30W18	30	0.4 (1.5)	•			•		•	•	•			
G30C21	30	0.4 (1.5)		•			•			•			
G30C22	30	0.4 (1.5)		•		•	•			•			
G30C23	30	0.4 (1.5)		•			•				•		
G30C27	30	0.4 (1.5)		•			•		•		•		
G30C25	30	0.4 (1.5)		•			•		•	•			
G30C26	30	0.4 (1.5)		•		•	•		•	•			
G30C29	30	0.4 (1.5)		•				•		•			
G30C30	30	0.4 (1.5)		•		•		•		•			
G30C31	30	0.4 (1.5)		•			•				•		
G30C35	30	0.4 (1.5)		•				•	•		•		
G30C33	30	0.4 (1.5)		•			•	•	•	•			
G30C34	30	0.4 (1.5)		•		•		•	•	•			
G30T03	30	0.4 (1.5)			•		•			•			
G30T04	30	0.4 (1.5)			•	•	•			•			
G30T05	30	0.4 (1.5)			•		•		•	•			
G30T06	30	0.4 (1.5)			•	•	•		•	•			
G30T09	30	0.4 (1.5)			•		•				•		
G30T07	30	0.4 (1.5)			•			•		•			
G30T08	30	0.4 (1.5)			•	•		•		•			
G30T11	30	0.4 (1.5)			•			•	•	•			
G30T12	30	0.4 (1.5)			•	•		•	•	•			
<b>Merkur 30:1 1.2 gpm (4.5 lpm)</b>													
G30W73	30	1.2 (4.5)	•				•		•	•			
G30W74	30	1.2 (4.5)	•			•	•		•	•			
G30W75	30	1.2 (4.5)	•					•	•	•			
G30W76	30	1.2 (4.5)	•			•		•	•	•			
G30W79	30	1.2 (4.5)	•				•		•	•		•	120
G30W80	30	1.2 (4.5)	•			•	•		•	•		•	120
G30C65	30	1.2 (4.5)		•			•				•		
G30C67	30	1.2 (4.5)		•			•		•	•			
G30C68	30	1.2 (4.5)		•		•	•		•	•			
G30C71	30	1.2 (4.5)		•				•			•		
G30C73	30	1.2 (4.5)		•				•	•	•			
G30C74	30	1.2 (4.5)		•		•		•	•	•			
G30C77	30	1.2 (4.5)		•			•		•	•		•	120
G30C78	30	1.2 (4.5)		•		•	•		•	•		•	120
<b>Merkur 36:1 1.6 gpm (6.0 lpm)</b>													
G36W13	36	1.6 (6.0)	•				•		•	•			
G36W14	36	1.6 (6.0)	•			•	•		•	•			
G36W15	36	1.6 (6.0)	•					•	•	•			
G36W16	36	1.6 (6.0)	•			•		•	•	•			
G36C09	36	1.6 (6.0)		•			•		•	•			
G36C10	36	1.6 (6.0)		•		•	•		•	•			
G36C11	36	1.6 (6.0)		•				•	•	•			
G36C12	36	1.6 (6.0)		•		•	•		•	•			



Airless Wall Mount Package



Air-Assisted Stand Package

## Air-Assisted Packages

Merkur Assembly Part No.	Pump Ratio	Flow Rate at 60 cpm gpm (lpm)	Wall Mount	Cart Mount	DataTrak	G40 Gun	G40 RAC Gun	Fluid Filter	Suction Hose
<b>Merkur 45:1 0.8 gpm (3.0 lpm)</b>									
G45W13	45	0.8 (3.0)	•			•		•	•
G45W14	45	0.8 (3.0)	•		•	•		•	•
G45W15	45	0.8 (3.0)	•				•	•	•
G45W16	45	0.8 (3.0)	•	•	•		•	•	•
G45C15	45	0.8 (3.0)		•		•		•	•
G45C16	45	0.8 (3.0)		•	•	•		•	•
G45C17	45	0.8 (3.0)		•			•	•	•
G45C18	45	0.8 (3.0)		•	•		•	•	•
<b>Merkur 48:1 1.2 gpm (4.5 lpm)</b>									
G48W13	48	1.2 (4.5)	•			•		•	•
G48W14	48	1.2 (4.5)	•		•	•		•	•
G48W15	48	1.2 (4.5)	•				•	•	•
G48W16	48	1.2 (4.5)	•	•	•		•	•	•
G48C11	48	1.2 (4.5)		•		•		•	•
G48C12	48	1.2 (4.5)		•	•	•		•	•
G48C13	48	1.2 (4.5)		•			•	•	•
G48C14	48	1.2 (4.5)		•	•		•	•	•

## Airless Packages

Merkur Assembly Part No.	Pump Ratio	Flow Rate at 60 cpm gpm (lpm)	Wall Mount	Cart Mount	DataTrak	XTR Gun	Fluid Filter	Suction Hose	Hopper	Heated Package	Heater Voltage
<b>Merkur 23:1 1.6 gpm (6.0 lpm)</b>											
G23W07	23	1.6 (6.0)	•			•	•	•			
G23W08	23	1.6 (6.0)	•		•	•	•	•			
G23C03	23	1.6 (6.0)		•		•	•	•			
G23C04	23	1.6 (6.0)		•	•	•	•	•			
<b>Merkur 24:1 2.4 gpm (9.0 lpm)</b>											
G24W05	24	2.4 (9.0)	•			•	•	•			
G24W06	24	2.4 (9.0)	•		•	•	•	•			
G24C03	24	2.4 (9.0)		•		•	•	•			
G24C04	24	2.4 (9.0)		•	•	•	•	•			
<b>Merkur 28:1 2.0 gpm (7.5 lpm)</b>											
G28W05	28	2.0 (7.5)	•			•	•	•			
G28W06	28	2.0 (7.5)	•		•	•	•	•			
G28W07	28	2.0 (7.5)	•			•	•	•	•	120	
G28W08	28	2.0 (7.5)	•		•	•	•	•	•	120	
G28C03	28	2.0 (7.5)		•		•	•	•			
G28C04	28	2.0 (7.5)		•	•	•	•	•			
G28C05	28	2.0 (7.5)		•		•	•	•	•	120	
G28C06	28	2.0 (7.5)		•	•	•	•	•	•	120	
<b>Merkur 30:1 0.4 gpm (1.5 lpm)</b>											
G30W07	30	0.4 (1.5)		•		•	•	•			
G30W08	30	0.4 (1.5)		•	•	•	•	•			
G30C07	30	0.4 (1.5)	•			•		•			
G30C08	30	0.4 (1.5)	•		•	•		•			
G30C09	30	0.4 (1.5)	•		•	•	•	•			
G30C10	30	0.4 (1.5)	•		•	•	•	•			
G30C11	30	0.4 (1.5)	•			•			•		
G30C15	30	0.4 (1.5)	•			•	•		•		
<b>Merkur 30:1 1.2 gpm (4.5 lpm)</b>											
G30W57	30	1.2 (4.5)	•			•		•			
G30W58	30	1.2 (4.5)	•		•	•		•			
G30W59	30	1.2 (4.5)	•			•	•	•			
G30W60	30	1.2 (4.5)	•		•	•	•	•			
G30W67	30	1.2 (4.5)	•			•	•	•	•	120	
G30W68	30	1.2 (4.5)	•		•	•	•	•	•	120	
G30C55	30	1.2 (4.5)		•		•	•	•			
G30C56	30	1.2 (4.5)		•	•	•	•	•			
G30C59	30	1.2 (4.5)		•		•	•	•	•	120	
G30C60	30	1.2 (4.5)		•	•	•	•	•	•	120	



Heated Air-Assisted Cart Package

# Technical Specifications

## Electrostatic Packages

All electrostatic packages include a Pro Xs4 AA Smart electrostatic gun, suction hose and fluid filter

Merkur Assembly Part No.	Pump Ratio	Flow Rate at 60 cpm gpm (lpm)	Wall Mount	Cart Mount	DataTrak	Heated Package	Heater Voltage
<b>Merkur 15:1 2.4 gpm (9.0 lpm)</b>							
G15W57	15	2.4 (9.0)	•				
G15W58	15	2.4 (9.0)	•		•		
G15C85	15	2.4 (9.0)		•			
G15C86	15	2.4 (9.0)		•	•		
<b>Merkur 18:1 2.0 gpm (7.5 lpm)</b>							
G18W11	18	2.0 (7.5)	•				
G18W12	18	2.0 (7.5)	•		•		
G18W13	28	2.0 (7.5)	•			•	120
G18W14	28	2.0 (7.5)	•		•	•	120
G18C09	18	2.0 (7.5)		•			
G18C10	18	2.0 (7.5)		•	•		
<b>Merkur 23:1 1.6 gpm (6.0 lpm)</b>							
G23W13	23	1.6 (6.0)	•				
G23W14	23	1.6 (6.0)	•		•		
G23C15	23	1.6 (6.0)		•			
G23C16	23	1.6 (6.0)		•	•		
<b>Merkur 24:1 2.4 gpm (9.0 lpm)</b>							
G24W11	24	2.4 (9.0)	•				
G24W12	24	2.4 (9.0)	•		•		
G24C13	24	2.4 (9.0)		•			
G24C14	24	2.4 (9.0)		•	•		
<b>Merkur 28:1 2.0 gpm (7.5 lpm)</b>							
G28W15	28	2.0 (7.5)	•				
G28W16	28	2.0 (7.5)	•		•		
G28W21	28	2.0 (7.5)	•			•	120
G28W22	28	2.0 (7.5)	•		•	•	120
G28C13	28	2.0 (7.5)		•			
G28C14	28	2.0 (7.5)		•	•		
G28C19	28	2.0 (7.5)		•		•	120
G28C20	28	2.0 (7.5)		•	•	•	120
<b>Merkur 30:1 1.2 gpm (4.5 lpm)</b>							
G30W77	30	1.2 (4.5)	•				
G30W78	30	1.2 (4.5)	•		•		
G30W83	30	1.2 (4.5)	•			•	120
G30W84	30	1.2 (4.5)	•		•	•	120
G30C75	30	1.2 (4.5)		•			
G30C76	30	1.2 (4.5)		•	•		
G30C81	30	1.2 (4.5)		•		•	120
G30C82	30	1.2 (4.5)		•	•	•	120

## Spray Guns

Refer to the spray gun brochure for additional model numbers. All guns include tip of choice.

- 287926 G15 Carbide Air-Assisted Spray Gun
- 249242 G40 Air-Assisted Spray Gun
- 249238 G40 RAC Air-Assisted Spray Gun
- XTR501 XTR-5 Airless Spray Gun
- 244573 PRO Xs AA Smart Electrostatic Spray Gun

## Accessories

- 256410 Hopper
  - 1.5 gal (5 l) polyethylene
- 243340 Pail Cover with Agitator
  - Use to agitate material in a 5 gal (18.9 l) pail
- 222121 Fluid Regulator, Stainless Steel
  - Maximum working pressure: 1500 psi (103 bar, 10.3 MPa)
  - Regulator range: 150-1200 psi (10-28 bar, 1-8.2 MPa)
- 24A587 Pump Outlet Fluid Filter, Stainless Steel
  - 60 mesh (250 micron), 5000 psi (350 bar, 25 MPa)
- 256425 Fluid Filter Drain Valve, Stainless Steel
  - 5000 psi (350 bar, 35 MPa)
- 224458 Replacement Filter Screen Element
  - 3-pack elements, 30 mesh, SST
- 224459 Replacement Filter Screen Element
  - 3-pack elements, 60 mesh, SST
- 24A540 Air Control Gauge Covers
  - 5 sheets of 10 covers

## DataTrak

- 24A575 Upgrade Kit for 200 cc and 400 cc Air Motors
- 24A576 Upgrade Kit for 1200 cc and 1800 cc Air Motors
- 24A592 Upgrade Kit for DataTrak with Cycle Count Only

## Hoses

- 24A954 55 gal Drum Siphon Hose and Strainer
- 256390 25 ft Air Hose
- 241812 25 ft Fluid Hose
  - 3300 psig (228 bar)
- 24A955 50 ft Bundled Air and Fluid Hose
  - 3300 psig (228 bar)
- 256389 50 ft Air Hose
- 214697 50 ft Fluid Hose
  - 3300 psig (228 bar)
- 24A588 Hose Clips
  - Pack of 10

## Instruction and Parts Manuals

- 312797 Merkur AA and Airless Spray Package
- 312798 Merkur Electrostatic Spray Package
- 313255 Merkur AA and Airless Heated Package
- 312794 Merkur Pumps
- 312792 Merkur Displacement Lower
- 312796 Merkur Air Motor

# Technical Specifications

	Merkur 10:1	Merkur 15:1	Merkur 15:1	Merkur 15:1	Merkur 18:1	Merkur 23:1	Merkur 24:1
<b>Pump Ratio</b>							
<b>Fluid Flow @ 60 cpm</b>	1.2 gpm (4.5 lpm)	0.4 gpm (1.5 lpm)	0.8 gpm (3.0 lpm)	2.4 gpm (9.0 lpm)	2.0 gpm (7.5 lpm)	1.6 gpm (6.0 lpm)	2.4 gpm (9.0 lpm)
<b>Pump Volume per Cycle</b>	2.5 oz (75 cc)	0.8 oz (25 cc)	1.7 oz (50 cc)	5 oz (150 cc)	4.2 oz (125 cc)	3.4 oz (100 cc)	5 oz (150 cc)
<b>Maximum Fluid Outlet Pressure</b>	1000 psi (69 bar)	1500 psi (103 bar)	1500 psi (103 bar)	1500 psi (103 bar)	1800 psi (124 bar)	2300 psi (158 bar)	2400 psi (165 bar)
<b>Maximum Air Inlet Pressure</b>	100 psi (7 bar)	100 psi (7 bar)	100 psi (7 bar)	100 psi (7 bar)	100 psi (7 bar)	100 psi (7 bar)	100 psi (7 bar)
<b>Air Motor Displacement (cc per stroke)</b>	400 cc	200 cc	400 cc	1200 cc	1200 cc	1200 cc	1800 cc
<b>Air Consumption @ 100 psi (7 bar, 0.7 MPa) @ 20 cpm</b>	6 scfm (0.17 m <sup>3</sup> /min)	3 scfm (0.08 m <sup>3</sup> /min)	6 scfm (0.17 m <sup>3</sup> /min)	17 scfm (0.48 m <sup>3</sup> /min)	17 scfm (0.48 m <sup>3</sup> /min)	17 scfm (0.48 m <sup>3</sup> /min)	26 scfm (0.74 m <sup>3</sup> /min)
<b>Fluid Inlet Size</b>	3/4 npt(m)	1/2 npt(m)	3/4 npt(m)	1 npt(m)	1 npt(m)	3/4 npt(m)	1 npt(m)
<b>Fluid Outlet Size</b>	3/8 npt(m)	3/8 npt(m)	3/8 npt(m)	3/4 npt(m)	1/2 npt(m)	3/8 npt(m)	3/4 npt(m)
<b>Air Inlet (motor)</b>	1/4 npt(f)	1/4 npt(f)	1/4 npt(f)	1/2 npt(f)	1/2 npt(f)	1/2 npt(f)	1/2 npt(f)

	Merkur 28:1	Merkur 30:1	Merkur 30:1	Merkur 36:1	Merkur 45:1	Merkur 48:1
<b>Pump Ratio</b>						
<b>Fluid Flow @ 60 cpm</b>	2.0 gpm (7.5 lpm)	0.4 gpm (1.5 lpm)	1.2 gpm (4.5 lpm)	1.6 gpm (6.0 lpm)	0.8 gpm (3.0 lpm)	1.2 gpm (4.5 lpm)
<b>Volume per Cycle</b>	4.2 oz (125 cc)	0.8 oz (25 cc)	2.5 oz (75 cc)	3.4 oz (100 cc)	1.7 oz (50 cc)	2.5 oz (75 cc)
<b>Maximum Fluid Outlet Pressure</b>	2800 psi (192 bar)	3000 psi (206 bar)	3000 psi (206 bar)	3600 psi (248 bar)	4000 psi (275 bar)	4000 psi (275 bar)
<b>Maximum Air Inlet Pressure</b>	100 psi (7 bar)	100 psi (7 bar)	100 psi (7 bar)	100 psi (7 bar)	90 psi (6.2 bar)	85 psi (5.8 bar)
<b>Air Motor Displacement (cc per stroke)</b>	1800 cc	400 cc	1200 cc	1800 cc	1200 cc	1800 cc
<b>Air Consumption @ 100 psi (7 bar, 0.7 MPa) @ 20 cpm</b>	26 scfm (0.74 m <sup>3</sup> /min)	6 scfm (0.17 m <sup>3</sup> /min)	17 scfm (0.48 m <sup>3</sup> /min)	26 scfm (0.74 m <sup>3</sup> /min)	17 scfm (0.48 m <sup>3</sup> /min)	26 scfm (0.74 m <sup>3</sup> /min)
<b>Fluid Inlet Size</b>	1 npt(m)	1/2 npt(m)	3/4 npt(m)	3/4 npt(m)	3/4 npt(m)	3/4 npt(m)
<b>Fluid Outlet Size</b>	1/2 npt(m)	3/8 npt(m)	3/8 npt(m)	3/8 npt(m)	3/8 npt(m)	3/8 npt(m)
<b>Air Inlet (motor)</b>	1/2 npt(f)	1/4 npt(f)	1/2 npt(f)	1/2 npt(f)	1/2 npt(f)	1/2 npt(f)



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