



# MERKUR<sup>®</sup>

High Performance Fine Finish Packages



PROVEN QUALITY. LEADING TECHNOLOGY.



# ADVANCED TECHNOLOGY. SUPERIOR PERFORMANCE.

Merkur® spray packages are designed to outperform and outlast other pumps in their class. With a variety of models and configurations to choose from, you get the precise pressure and output you need for your most common finishing applications.

## AIR MOTOR

- 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



## DATATRAK™

Monitor and protect your pump with our patented DataTrak which integrates local monitoring systems!

- 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

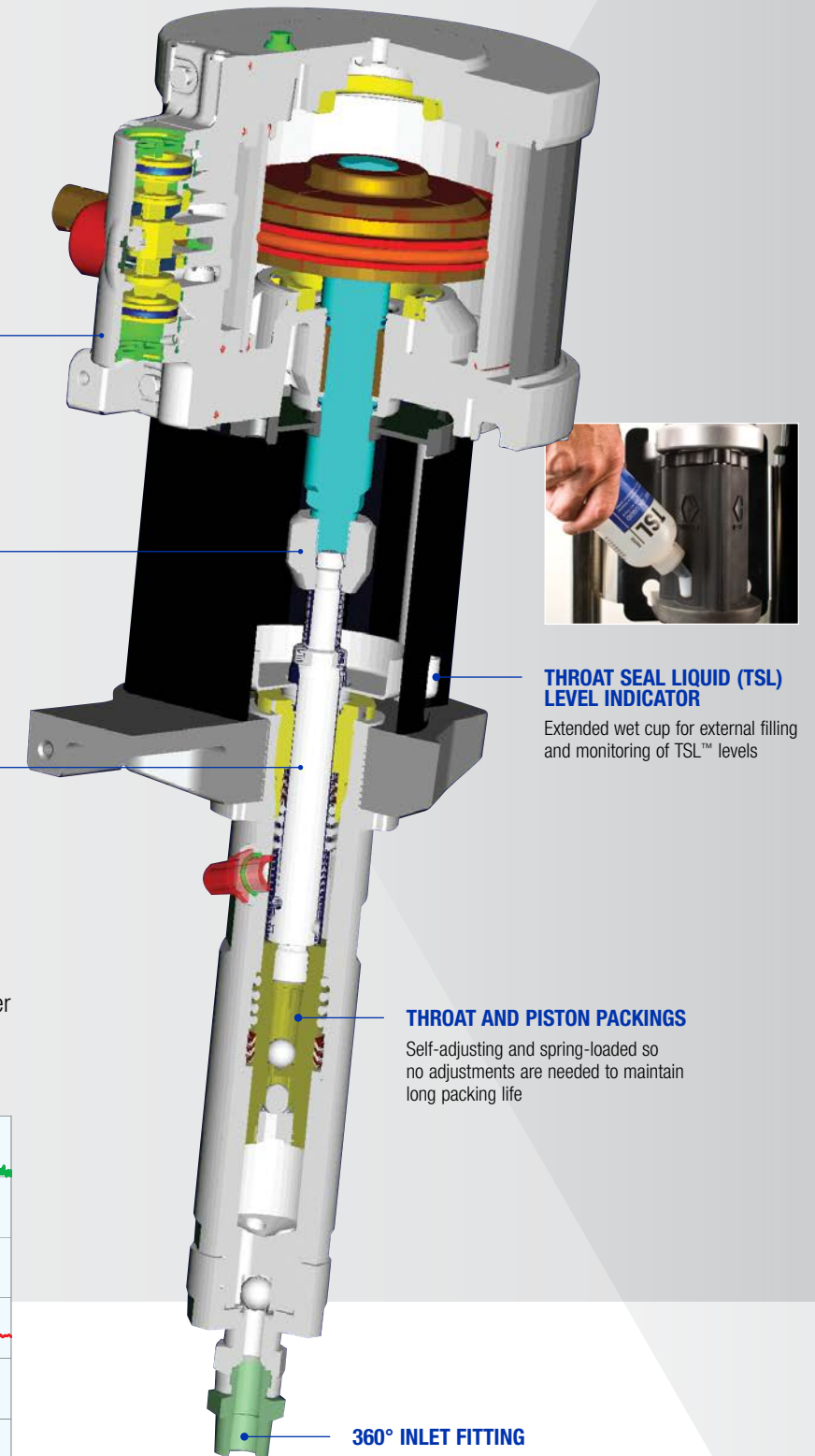
Provides smooth and rapid changeover

### QUICK REMOVAL COUPLER

Allows for easy disassembly of the pump lower from the air motor

### PISTON AND DISPLACEMENT ROD

Ultralife ceramic coating allows protection for long life even with abrasive materials



### THROAT SEAL LIQUID (TSL) LEVEL INDICATOR

Extended wet cup for external filling and monitoring of TSL™ levels

### THROAT AND PISTON PACKINGS

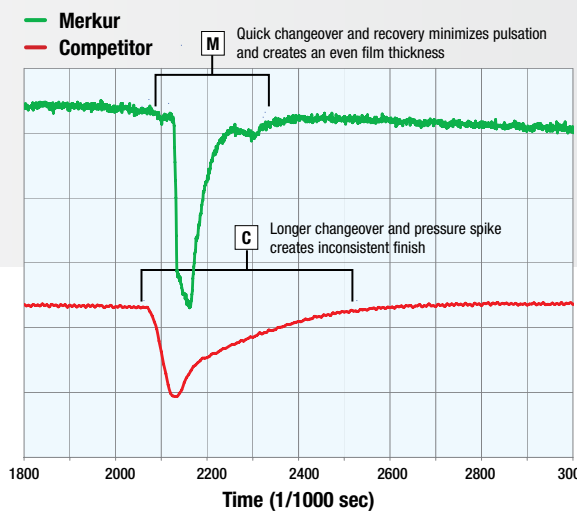
Self-adjusting and spring-loaded so no adjustments are needed to maintain long packing life

### 360° INLET FITTING

Makes it easy to access the pail from almost any location

## LESS PULSATION FOR BETTER RESULTS

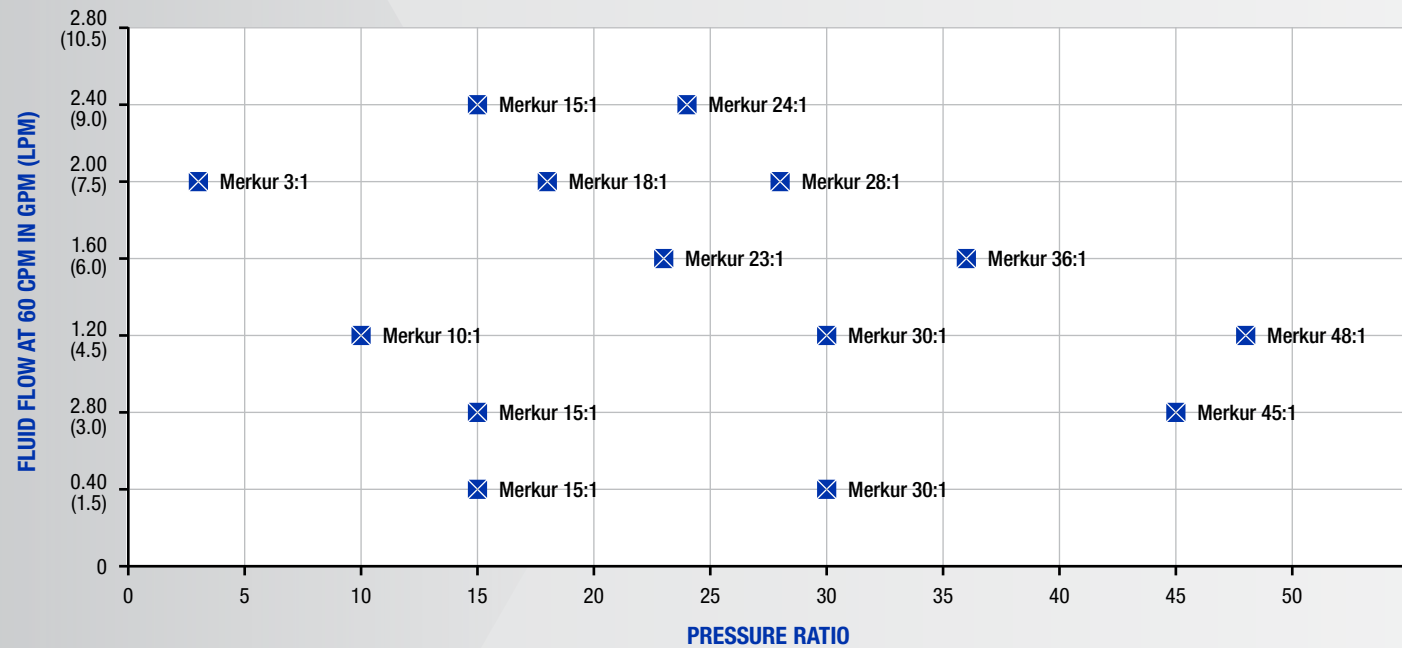
Merkur is designed to provide a smooth, rapid changeover for a better, more consistent finish and less user fatigue.



# MAKE THE RIGHT CHOICE

## THE RIGHT FLOWS AT THE RIGHT PRESSURES TO FIT ALL OF YOUR SPRAYING NEEDS

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



# 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!

### 1 SELECT A SPRAY TECHNOLOGY



PerformAA™ Air Assist Gun



PerformAA™ RAC Gun



XTR5+™ Airless Gun



Pro XP™ Air Assist Electrostatic

### 2 SELECT A MOUNTING CONFIGURATION



Cart Mount



Wall Mount

### 3 DETERMINE YOUR IDEAL ACCESSORIES



Suction Hose



Filter



# ORDERING INFORMATION

## AIR ASSIST PACKAGES

Merkur Assembly Part No	Pump Ratio	Flow Rate at 60 cpm gpm (lpm)	Wall Mount	Cart Mount	PerformAA™ 15	DataTrak	Pump Only Air Control	Pump and Gun Air Control	Fluid Filter	Suction Hose
<b>MERKUR 10:1 1.2 GPM (4.5 LPM)</b>										
G10W01	10	1.2 (4.5)	•					•		
G10W03	10	1.2 (4.5)	•					•		•
G10W07	10	1.2 (4.5)	•		GF			•	•	•
G10W09	10	1.2 (4.5)	•					•		
G10C03	10	1.2 (4.5)		•				•		•
G10C09	10	1.2 (4.5)		•	GF			•	•	•
<b>MERKUR 15:1 0.4 GPM (1.5 LPM)</b>										
G15W01	15	0.4 (1.5)	•					•		
G15W03	15	0.4 (1.5)	•					•		•
G15W05	15	0.4 (1.5)	•		GF			•		•
G15W07	15	0.4 (1.5)	•		GF			•	•	•
G15W09	15	0.4 (1.5)	•					•		
G15W11	15	0.4 (1.5)	•		WL			•		•
G15C03	15	0.4 (1.5)		•				•		•
G15C07	15	0.4 (1.5)		•	GF			•		•
G15C09	15	0.4 (1.5)		•	GF			•	•	•
G15C17	15	0.4 (1.5)		•	WL			•	•	•
<b>MERKUR 15:1 0.8 GPM (3.0 LPM)</b>										
G15W19	15	0.8 (3.0)	•					•		
G15W21	15	0.8 (3.0)	•					•		
G15W23	15	0.8 (3.0)	•					•		•
G15W25	15	0.8 (3.0)	•		GF			•		•
G15W26	15	0.8 (3.0)	•		GF	•		•		•
G15W27	15	0.8 (3.0)	•		GF			•	•	•
G15C23	15	0.8 (3.0)		•				•		•
G15C27	15	0.8 (3.0)		•	GF			•		•
G15C29	15	0.8 (3.0)		•	GF			•	•	•
<b>MERKUR 15:1 2.4 GPM (9.0 LPM)</b>										
G15W51	15	2.4 (9.0)	•					•		
G15W53	15	2.4 (9.0)	•					•		•
G15W55	15	2.4 (9.0)	•		GF			•	•	•
G15W79	15	2.4 (9.0)		•				•		•
G15C83	15	2.4 (9.0)		•	GF			•	•	•

All packages include a 25 ft (7.5m) fluid and air hose and an AXM or AXF spray tip.  
\*Air caps: GF = General Finishing, WL = wood lacquer

# ORDERING INFORMATION

## AIR ASSIST PACKAGES

Merkur Assembly Part No	Pump Ratio	Flow Rate at 60 cpm gpm (lpm)	Wall Mount	Cart Mount	PerformAA™ 50	PerformAA™ 50 RAC	DataTrak	Pump Only Air Control	Pump and Gun Air Control	Fluid Filter	Suction Hose
<b>MERKUR 18:1 2.0 GPM (7.5 LPM)</b>											
G18W03	18	2.0 (7.5)	•					•			
G18W05	18	2.0 (7.5)	•					•		•	•
G18W07	18	2.0 (7.5)	•		•			•	•	•	•
G18W09	18	2.0 (7.5)	•		•			•	•	•	•
G18C03	18	2.0 (7.5)		•				•			•
<b>MERKUR 23:1 1.6 GPM (6.0 LPM)</b>											
G23W01	23	1.6 (6.0)	•								
G23W03	23	1.6 (6.0)	•					•			
G23W05	23	1.6 (6.0)	•					•	•	•	
G23W09	23	1.6 (6.0)	•		•			•	•	•	•
G23W11	23	1.6 (6.0)	•		•			•	•	•	•
G23C05	23	1.6 (6.0)		•				•			•
G23C09	23	1.6 (6.0)		•				•	•	•	•
G23C13	23	1.6 (6.0)		•				•	•	•	•
<b>MERKUR 24:1 2.4 GPM (9.0 LPM)</b>											
G24W01	24	2.4 (9.0)	•								
G24W03	24	2.4 (9.0)	•					•		•	•
G24W07	24	2.4 (9.0)	•		•			•	•	•	•
G24C01	24	2.4 (9.0)		•				•		•	•
G24C09	24	2.4 (9.0)		•	•			•	•	•	•
<b>MERKUR 28:1 2.0 GPM (7.5 LPM)</b>											
G28W01	28	2.0 (7.5)	•								
G28W02	28	2.0 (7.5)	•				•	•			
G28W03	28	2.0 (7.5)	•					•		•	•
G28W11	28	2.0 (7.5)	•		•			•	•	•	•
G28C01	28	2.0 (7.5)		•				•		•	•
G28C09	28	2.0 (7.5)		•				•	•	•	•

All packages that include a gun have a 25 ft (7.5m) fluid and air hose.

Merkur Assembly Part No	Pump Ratio	Flow Rate at 60 cpm gpm (lpm)	Wall Mount	Cart Mount	PerformAA™ 50	PerformAA™ 50 RAC	Pump Only Air Control	Pump and Gun Air Control	Fluid Filter	Suction Hose
<b>MERKUR 30:1 0.4 GPM (1.5 LPM)</b>										
G30W01	30	0.4 (1.5)	•				•			
G30W05	30	0.4 (1.5)	•				•		•	•
G30W09	30	0.4 (1.5)	•					•		
G30W11	30	0.4 (1.5)	•					•		•
G30W13	30	0.4 (1.5)	•		•			•		•
G30W15	30	0.4 (1.5)	•		•			•	•	•
G30W17	30	0.4 (1.5)	•		•			•	•	•
G30C01	30	0.4 (1.5)		•			•			
G30C05	30	0.4 (1.5)		•			•		•	•
G30C17	30	0.4 (1.5)		•				•		
G30C19	30	0.4 (1.5)		•				•		•
G30C21	30	0.4 (1.5)		•	•			•		•
G30C25	30	0.4 (1.5)		•	•			•	•	•
G30C33	30	0.4 (1.5)		•	•			•	•	•
G30C39*	30	0.4 (1.5)		•	•			•	•	•
<b>MERKUR 30:1 1.2 GPM (4.5 LPM)</b>										
G30W51	30	1.2 (4.5)	•							
G30W53	30	1.2 (4.5)	•					•		
G30W55	30	1.2 (4.5)	•					•	•	•
G30W71	30	1.2 (4.5)	•					•		
G30W73	30	1.2 (4.5)	•		•			•	•	•
G30W75	30	1.2 (4.5)	•		•			•	•	•
G30C51	30	1.2 (4.5)		•				•		•
G30C53	30	1.2 (4.5)		•				•		•
G30C63	30	1.2 (4.5)		•				•		•
G30C67	30	1.2 (4.5)		•	•			•	•	•
G30C73	30	1.2 (4.5)		•	•			•	•	•

All packages that include a gun have a 25 ft (7.5m) fluid and air hose.  
\*Includes a Fluid Filter drain valve.

Merkur Assembly Part No	Pump Ratio	Flow Rate at 60 cpm gpm (lpm)	Wall Mount	Cart Mount	PerformAA™ 50	PerformAA™ 50 RAC	Pump Only Air Control	Pump and Gun Air Control	Fluid Filter	Suction Hose
<b>MERKUR 36:1 1.6 GPM (6.0 LPM)</b>										
G36W01	36	1.6 (6.0)	•							
G36W03	36	1.6 (6.0)	•					•		
G36W05	36	1.6 (6.0)	•					•	•	•
G36W13	36	1.6 (6.0)	•		•			•	•	•
G36W15	36	1.6 (6.0)	•		•			•	•	•
G36W17*	36	1.6 (6.0)	•		•			•	•	•
G36C01	36	1.6 (6.0)		•				•		•
G36C09	36	1.6 (6.0)		•	•			•	•	•
G36C11	36	1.6 (6.0)		•	•			•	•	•
<b>MERKUR 45:1 0.8 GPM (3.0 LPM)</b>										
G45W01	45	0.8 (3.0)	•							
G45W03	45	0.8 (3.0)	•					•		
G45W11	45	0.8 (3.0)	•					•		
G45W13	45	0.8 (3.0)	•		•			•	•	•
G45C01	45	0.8 (3.0)		•				•		•
G45C11	45	0.8 (3.0)		•				•		•
G45C15	45	0.8 (3.0)		•	•			•	•	•
G45C17	45	0.8 (3.0)		•	•			•	•	•
G45C19*	45	0.8 (3.0)		•	•			•	•	•
<b>MERKUR 48:1 1.2 GPM (4.5 LPM)</b>										
G48W01	48	1.2 (4.5)	•							
G48W03	48	1.2 (4.5)	•					•		•
G48W11	48	1.2 (4.5)	•					•		
G48W13	48	1.2 (4.5)	•		•			•	•	•
G48C01	48	1.2 (4.5)		•				•		•
G48C11	48	1.2 (4.5)		•	•			•	•	•
G48C13	48	1.2 (4.5)		•	•			•	•	•

All packages that include a gun have a 25 ft (7.5m) fluid and air hose.  
\*Includes a Fluid Filter drain valve.

# ORDERING INFORMATION

## AIRLESS PACKAGES

Merkur Assembly Part No	Pump Ratio	Flow Rate at 60 cpm gpm (lpm)	Wall Mount	Cart Mount	XTR5+™ Gun	Pump Only Air Control	Fluid Filter	Suction Hose
<b>MERKUR 23:1 1.6 GPM (6.0 LPM)</b>								
G23W07	23	1.6 (6.0)	•	•	•	•	•	•
G23C03	23	1.6 (6.0)		•	•	•	•	•
<b>MERKUR 24:1 2.4 GPM (9.0 LPM)</b>								
G24C03	24	2.4 (9.0)		•	•	•	•	•
<b>MERKUR 28:1 2.0 GPM (7.5 LPM)</b>								
G28W05	28	2.0 (7.5)	•	•	•	•	•	•
G28C03	28	2.0 (7.5)		•	•	•	•	•
<b>MERKUR 30:1 0.4 GPM (1.5 LPM)</b>								
G30W07	30	0.4 (1.5)	•	•	•	•	•	•
G30C09	30	0.4 (1.5)		•	•	•	•	•
<b>MERKUR 30:1 1.2 GPM (4.5 LPM)</b>								
G30W57	30	1.2 (4.5)	•	•	•	•	•	•
G30W59	30	1.2 (4.5)	•	•	•	•	•	•
G30C55	30	1.2 (4.5)		•	•	•	•	•

All packages include a 25 ft (7.5m) fluid hose.

## ELECTROSTATIC PACKAGES

All electrostatic packages include a Pro XP Air Assist electrostatic gun, suction hose and fluid filter.

Merkur Assembly Part No	Pump Ratio	Flow Rate at 60 cpm gpm (lpm)	Wall Mount	Cart Mount	Pro Xp 85 kV Standard	Pro Xp 85 kV Smart	Fluid Filter	Suction Hose
<b>MERKUR 30:1 1.2 GPM (4.5 LPM)</b>								
G30W77	30	1.2 (4.5)	•		•		•	•
G30C75	30	1.2 (4.5)		•	•		•	•
G30C89	30	1.2 (4.5)		•	•		•	•

All packages that include a gun have a 25 ft (7.5m) grounded electrostatic fluid and air hose.



Airless Wall Mount Package

Air Spray Cart Mount Package

## AIR SPRAY PACKAGES

Low pressure pump for use with air spray guns and circulation systems.

Merkur Assembly Part No	Pump Ratio	Flow Rate at 60 cpm gpm (lpm)	Wall Mount	Cart Mount	Pump and Gun Air Control	Fluid Filter	Siphon Kit
<b>MERKUR 3:1 2.0 GPM (7.5 LPM)</b>							
G03W01	3	2.0 (7.5)	•		•		•
G03W03	3	2.0 (7.5)	•		•	•	•
G03W15	3	2.0 (7.5)	•				
G03C03	3	2.0 (7.5)		•	•	•	•

# ORDERING INFORMATION

## SPRAY GUNS

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

26B501	PerformAA 15 Spray Gun
26B503	PerformAA 15 Wood Lacquer Spray Gun
26B511	PerformAA 50 Spray Gun
26B518	PerformAA RAC Spray Gun
XTR521	XTR5+ Airless Spray Gun
26B520	PerformAA 50 Airless
H85M10	Pro Xp85 AA Smart Electrostatic Spray Gun
H85T10	Pro Xp85 AA Standard Electrostatic Spray Gun

## GUN HOSES

256390	25 ft (7.5 m) Air Hose
241812	25 ft (7.5 m) Fluid Hose, 3300 psig (228 bar)
24A955	50 ft (15.2 m) Bundled Air and Fluid Hose – 3300 psig (228 bar)
256389	50 ft (15.2 m) Air Hose
24B562	50 ft (15.2 m) Fluid Hose – 3300 psig (228 bar)
24A588	Hose Clips – Pack of 10

## SUCTION HOSES

24A954	55 gal (208 l) Drum Suction Hose and Strainer, 3/4 in fluid inlet
24B598	55 gal (208 l) Drum Suction Hose and Strainer, 1 in fluid inlet
24B337	PTFE Lined Suction Hose for Cart Mount Pump, 3/4 in inlet
24B338	PTFE Lined Suction Hose for Cart Mount Pump, 1 in inlet
24J315	PTFE Lined Suction Hose for Wall Mount Pumps, 1/2 in inlet
24B424	PTFE Lined Suction Hose for Wall Mount Pump, 3/4 in inlet
24B425	PTFE Lined Suction Hose for Wall Mount Pump, 1 in inlet



26B511

24A576

## DATATRAK™

24A575	Upgrade Kit for 200 cc and 400 cc Air Motors
24A576	Upgrade Kit for 1200 cc and 1800 cc Air Motors

## 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 – 2-pack elements, 30 mesh, SST
224459	Replacement Filter Screen Element – 2-pack elements, 60 mesh, SST
24A540	Air Control Gauge Covers – 5 sheets of 10 covers
24B187	Second AA Gun Kit – Includes air regulator and gauge



222121

224458

# TECHNICAL INFORMATION

## MERKUR TECHNICAL SPECIFICATIONS

	MERKUR 3:1	MERKUR 10:1	MERKUR 15:1	MERKUR 15:1	MERKUR 15:1	MERKUR 18:1	MERKUR 23:1	MERKUR 24:1	MERKUR 28:1	MERKUR 30:1	MERKUR 30:1	MERKUR 36:1	MERKUR 45:1	MERKUR 48:1
<b>Fluid Flow @ 60 cpm</b>	2.0 gpm (7.5 lpm)	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)	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>Pump Volume per Cycle</b>	4.2 oz (125 cc)	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)	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>	120 psi (8.3 bar)	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)	2800 psi (192 bar)	3000 psi (206 bar)	3000 psi (206 bar)	3600 psi (248 bar)	4500 psi (310 bar)	4800 psi (330 bar)
<b>Maximum Air Inlet Pressure</b>	50 psi (0.5 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)	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>	200 cc	400 cc	200 cc	400 cc	1200 cc	1200 cc	1200 cc	1800 cc	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>	3 scfm (0.08 m <sup>3</sup> /min)	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)	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)	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)	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)	3/4 npt(m)	1/2 npt(m)	3/8 npt(m)	3/4 npt(m)	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>	3/8 npt(f)	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)	1/2 npt(f)	1/4 npt(f)	1/2 npt(f)	1/2 npt(f)	1/2 npt(f)	1/2 npt(f)

## INSTRUCTION & PARTS MANUALS

312797	Merkur AA and Airless Spray Package
312798	Merkur Electrostatic Spray Package
3A7003	Merkur Air Spray package
312794	Merkur Pumps
312792	Merkur Displacement Lower
312796	Merkur Air Motor





## OUR BRAND PROMISE TO YOU

Since 1926, **innovation and quality** have been at the center of Graco.

### Experience Innovation

Our focus on innovation results in products and equipment that lead the industry with technologically-advanced features, pioneering design, high performance and unparalleled reliability. In short, innovation is how you get better products!

### Building Quality

You're investing in high-quality products built to last for years of reliable service. Moreover, we partner with our customers to better understand how you're deploying our products in the field, then use your experiences to improve performance and durability.

### Best-in-class service, every time

You'll experience top-tier service when you contact any of our support services options no matter where you are in the world. We'll listen to your situation and work methodically to resolve it as quickly as we can. We are guided by a mindset of integrity and a customer service view centred on collaboration and relationships, not transactions.



Call today for product information or to request a demonstration:

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