



EONCOATTM

PLURAL PUMP EQUIPMENT GUIDE

FOR MORE INFORMATION

www.eoncoat.com

COSMOSTAR SD100-X30



TECHNICAL DATA (Part No: SD100-X30-11-SUS-WO-P1312)

Category	Main Pump Data	Solvent Pump Data
Air Motor Diameter	10" (Atlas)	6" (Compact)
Pressure Ratio	30:1	10:1
Mixing Ratio	1:1	-
Max. Fluid Working Pressure	210 bar (3000 PSI)	80 bar (1160 PSI)
Max. Air Input Pressure	7.0 bar (100 PSI)	8.0 bar (116 PSI)
Max. Volume Flow Rates	23.4 LPM (6.18 GPM)	11.3 LPM (3.0 GPM)
Volume per Cycle	195 cc	189 cc
Max. Recommended Pump Speed	60 CPM	60 CPM
Air Inlet Size	3/4 pt	1/4 pt
Fluid Inlet Size	1 pt	3/4 pt
Fluid Outlet Size	1/2 pt	1/4 pt
Max. Operating Temp.	82°C (180°F)	82°C (180°F)
Lower Pump Material	Stainless Steel	Stainless Steel

Contact EonCoat for a ready-to-spray Cosmostar
High-Pressure Plural Pump Quote.
754-222-4919



COSMOSTAR PUMP HAS A TRANSFER PUMP OPTION

PART # P0204SB-AM0706-UC-SUS-20-G10

Category	Transfer Pump Data
Air Motor Diameter	2.5" (HI-FLUX)
Pressure Ratio	2:1
Max. Fluid Working Pressure	16.6 Bar (240 PSI)
Max. Air Input Pressure	8.3 Bar (120 PSI)
Max. Volume Flow Rates	15 LPM (3.9 GPM)
Volume per Cycle	150 cc
Max. Recommended Pump Speed	100 CPM
Air Inlet Size	1/4 pt
Fluid Inlet Size	1 1/2 pt
Fluid Outlet Size	3/4 pt

Category	Air Motor AM0706
Operation air pressure	1.0 - 7.0 bar
Max. power output	1.7 HP
Max. torque output	6.3 N/m
Max. rotation speed	3000 RPM
Max. Air Consumption	1800 L/min (6 bar, 3000 RPM)

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GRACO XP35-SST 1:1 PLURAL SPRAY MACHINE

SPECIFICATIONS:

- Air Motor: XL6500 high-performance
- Mix Ratio: 1:1 Lower Sizes (cc/cycle): 180A x 180B
- Feed: 7-gal poly hoppers for A&B (90 deg. SST swivel connection)
- Filtration: 30 mesh with plastic inserts
- Maximum working pressure: 3500 psi at 100 psi inbound air pressure
- Maximum flow rate @ 40 CPM: 3.8 GPM
- Wetted parts: SST Solvent pump: 36:1 solvent flush pump with pickup tube
- Recirculation manifold: stainless steel construction with stainless steel 3500 psi cartridge valves
- Mix manifold: stainless steel (Graco Part #24W861)
- Material hoses: 1/2" 3500 psi hoses with stainless steel fittings



TAKE THIS TO YOUR LOCAL GRACO DISTRIBUTOR OR CONTACT

John Lihwa - +1.330.413.5948 - jlihwa@graco.com



REMOTE STAINLESS STEEL MIX MANIFOLD

- Cosmostar Setup comes with everything you need. Contact EonCoat for pricing.
- Graco Supplies a remote mix manifold with their setup. (Part#24W861)
- We recommend carrying a spare mix manifold to prevent any possible slow downs from equipment failures.

CONTACT 754.222.4919
- OR -
VISIT EONCOAT.COM FOR MORE INFORMATION



EONCOAT STATIC MIXTURE WHIP HOSE

SPECIFICATIONS:

- 3 to 5 feet x 3/16 inch hose with 10 fold static mixer.
- Static Mixture inside on gun side clearly marked.
- EonCoat can provide these for additional charges.
- No other static mixture design whip hose should be used. This can cause premature failures of the product.

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GRACO G40 AA SERIES SPRAY GUN

SPECIFICATIONS:

- Part #262929
- with DeVil Biss Adjustable Air Valve
- with Blue Graco RAC Tips
- Your Graco Distributor can supply this spray gun & RAC Tips.
- EonCoat can supply this for additional fees.
- Cosmostar Pumps provided by EonCoat come with aftermarket versions of the gun.

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EONCOAT RECOMMENDS STAYING WITHIN THE HIGHLIGHTED RANGE TO PREVENT SPUTTERING AND TIP CLOGS.

RAC X SWITCHTIPS (LTXxxx)



		ORIFICE SIZE																											
		IN	MM	.007	.009	.011	.013	.015	.017	.019	.021	.023	.025	.027	.029	.031	.033	.035	.037	.039	.041	.043	.045	.047	.051	.055	.061	.065	.071
FAN WIDTH	2-4	(51-102)		109	111		115																						
	4-6	(102-152)	207	209	211	213	215	217	219	221		225	227		231		235												
	6-8	(152-203)		309	311	313	315	317	319	321	323	325	327	329	331		335												
	8-10	(203-254)		409	411	413	415	417	419	421	423	425	427	429	431	433	435		439	441	443	445	447	451	455				
	10-12	(254-305)		509	511	513	515	517	519	521	523	525	527	529	531	533	535	537	539	541	543	545	547	551	555	561			
	12-14	(305-356)			611	613	615	617	619	621	623	625	627	629	631	633	635	637	639	641	643	645	647	651	655	661	665	671	
	14-16	(356-406)								721	723			729			735												
	16-18	(406-457)						817	819	821			827		831	833	835												
	FLOW RATE (GPM)			.05	.09	.12	.18	.24	.31	.38	.47	.57	.67	.77	.90	1.03	1.17	1.31	1.47	1.63	1.8	1.98	2.17		2.79	3.25	4.0	4.53	5.41
	FLOW RATE (LPM)			.20	.33	.49	.69	.91	1.17	1.47	1.79	2.15	2.54	2.96	3.42	3.90	4.42	4.98	5.56	6.18	6.83	7.51	8.23		10.57	12.29	15.12	17.17	20.48



Green RAC Tips are better suited for close proximity and lower pressures but are not as durable. The same chart applies.

OTHER EQUIPMENT NEEDED

EONCOAT™



AIR COMPRESSOR REQUIREMENTS

SPECIFICATIONS:

- Minimum 50 CFM @ 90 PSI

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OTHER EQUIPMENT NEEDED


POWER DRILL & PADDLE MIXER

- This setup is needed to mix EonCoat before spraying
- Recommend Egg Beater Paddle Mixer
- If using another paddle mixer do not use a mixer with sharp edges as it can cut into buckets and contaminate product.



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**Make sure
you have
everything
you need.**



**If this is all too much. Just
Call EonCoat and get a
ready-to-spray unit for a
single price.**

754.222.4919

Checklist:

- ☐ Plural Pump with Stainless Steel Lowers
- ☐ Hoppers or Transfer Pumps to Feed EonCoat to Plural Pump
- ☐ 2x 1/2" Paint Hoses with Stainless Steel fittings at desired lengths
- ☐ 1/4" - 3/8" Hose for Flushing Spray Gun at desired lengths
- ☐ Stainless Steel Remote Mix Manifold
- ☐ EonCoat Static Mix Whip Hose or Equivalent
- ☐ G40 AA Spray Gun w/ DeVil Biss Air Adjustment Valve or equivalent
- ☐ Graco RAC Tips at desired Fan
- ☐ Air Compressor for Plural Pump
- ☐ Paddle Mixer & Drill to Mix Product
- ☐ Spare parts for quick repairs in the field.