

FLUID FILTERS

Filtering is your best defense against premature pump wear, gun wear, surface defects, reworks and tip plugging. Graco filters are designed for maximum flow and quick screen replacement. Most Graco metal filter elements are fabricated from stainless steel to resist corrosion and screen rupture and to increase operating life.

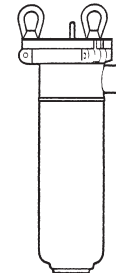
- **Delivery ranges from 6-30 gpm (23-114 lpm).**
- **Maximum pressures from 300-7,400 psi (21-510 bar) (2.1-51.0 MPa).**
- **Filter sizes from 30-200 screen mesh.**
- **Aluminum, steel and stainless steel models available.**

Low Pressure Fluid Filters

Supply Line or Return Line Bag Filters

The Graco Model 6 and Model 12 bag filters process large volumes of industrial paints and other industrial fluids. Model 6 up to 15 gpm (57 lpm) and Model 12 up to 30 gpm (114 lpm). Maximum flow depends on bag micron size. The standard filter assembly includes housing, cover, cover O-ring and unlined stainless steel basket. Order filter bags separately.

Part No.	Description	Inlet/Outlet npt(f)	Max WPR			Max Delivery		Material
			psi	bar	MPa	gpm	lpm	
915-515	Model 6 (0.5 sq. ft. filter area)	1 ¹ / ₄	300	21	2.1	15	57	CS
• 915-516	Model 6 (0.5 sq. ft. filter area)	1 ¹ / ₄	300	21	2.1	15	57	SST
915-517	Model 12 (1.0 sq. ft. filter area)	1 ¹ / ₂	300	21	2.1	30	114	CS
• 915-518	Model 12 (1.0 sq. ft. filter area)	1 ¹ / ₂	300	21	2.1	30	114	SST



915-515

Note: 521-691 Replacement O-ring

Replacement Filter Bags

Part No.		Material	Micron Size	
15 gpm Model 6	30 gpm Model 12			
521-311	521-321	Glazed polyester felt without cover.	5	
521-312	521-323		10	
521-314	521-324		15	
521-315	521-325		25	
521-316	521-326		50	
521-317	521-327		75	
521-183	521-174		Glazed polyester felt encased in spun bonded nylon cover.	5
521-184	521-175	10		
521-185	521-176	15		
521-186	521-177	25		
521-187	521-178	50		
521-188	521-179	75		
521-189	521-180	100		
521-331	521-341	Glazed polyester felt encased in nylon multi-filament mesh cover.		5
521-332	521-342			10
521-333	521-343			15
521-334	521-344		25	
521-335	521-345		50	
521-336	521-346		75	
521-337	521-347		100	
521-212	521-240	Glazed polyester felt encased in nylon mono-filament mesh cover.	5	
521-213	521-241		10	
521-214	521-242		15	
521-215	521-243		25	
521-216	521-244		50	
521-217	521-245		75	
521-218	521-246		100	
521-226	521-254		Nylon mono-filament mesh.	5
521-227	521-255	10		
521-228	521-256	25		
521-229	521-257	50		
521-230	521-258	75		
521-231	521-259	100		
521-232	521-260	125		
521-233	521-261	150		
521-234	521-262	200		
521-235	521-263	250		
521-236	521-264	300		

• **Waterborne compatible**

Strainer Baskets (perforated SST)

Part No.		Material
Model 6	Model 12	
521-268	521-276	Perforated only Perforated models with 75-micron liner with 100-micron liner with 150-micron liner
521-271	521-279	
521-272	521-280	
521-273	521-281	

Replacement Parts

Part No.		Material
Model 6	Model 12	
521-290	521-290	Cover CS SST
521-291	521-291	
521-294	521-292	Housing body CS SST
521-295	521-293	
521-306	521-306	Eye-bolt and nut Extra O-ring
521-691	521-691	

Accessories

(same part numbers apply to Model 6 and Model 12)

Pressure gauge package

2 1/2 in. dial bourdon tube pressure gauge (range: 0-200 psi, 0-14 bar, 0-1.4 MPa), pulsation dampener and diaphragm seal. Includes:

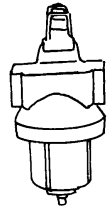
CS	206-171
SST	208-855

Ball valve for drain or air blowdown

CS	1/4 x 1/4 npt(m)	208-390
CS	3/8 x 3/8 npt(m)	208-393
SST	3/8 x 3/8 npt(m)	237-534

Red Alert Low Pressure Supply Line Filters

Unique red pop-up indicator reveals when fluid filter element requires replacement. Visible 360°. Built-in bypass valving directs continuous flow through separate passage when filter clogs, preventing downtime. Red Alert filter assembly material of construction: aluminum, glass sight, Viton O-ring.

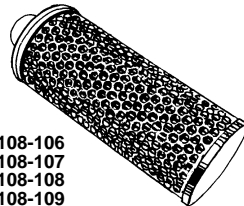


213-057
213-058
213-059
213-060
213-061

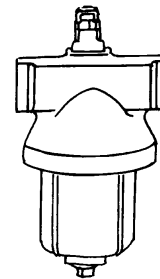
Part No.	Assembly	Area/sq.		Mesh	Inlet/Outlet npt	Max WPR			Max Delivery		Material	Inst. Manual
		in.	cm			psi	bar	MPa	gpm	lpm		
213-057	Complete	36	232	30	3/4	300	21	2.1	6	22	Alum.	307-282
213-058	Complete	36	232	60	3/4	300	21	2.1	6	22	Alum.	307-282
213-059	Complete	36	232	100	3/4	300	21	2.1	6	22	Alum.	307-282
213-060	Complete	36	232	150	3/4	300	21	2.1	6	22	Alum.	307-282
213-061	Complete	36	232	200	3/4	300	21	2.1	6	22	Alum.	307-282
213-062	Complete	225	1451	30	1 1/4	300	21	2.1	20	76	Alum.	307-283
213-063	Complete	225	1451	60	1 1/4	300	21	2.1	20	76	Alum.	307-283
213-064	Complete	225	1451	100	1 1/4	300	21	2.1	20	76	Alum.	307-283
213-065	Complete	225	1451	150	1 1/4	300	21	2.1	20	76	Alum.	307-283
213-066	Complete	225	1451	200	1 1/4	300	21	2.1	20	76	Alum.	307-283

Replacement Screen Elements

Part No.	Area/sq.		Mesh	Material
	in.	cm		
• 108-106	36	232	30	SST
• 108-107	36	232	60	SST
• 108-108	36	232	100	SST
• 108-109	36	232	150	SST
• 108-110	36	232	200	Alum.
• 108-111	225	1451	30	SST
• 108-112	225	1451	60	SST
• 108-113	225	1451	100	SST
• 108-114	225	1451	200	SST
• 108-115	225	1451	150	SST



108-106
108-107
108-108
108-109
108-110
108-111
108-112
108-113
108-114
108-115

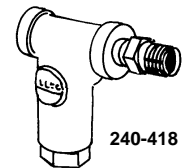


213-062
213-063
213-064
213-065
213-066

In-Line Strainer

Low volume in-line strainer.

Part No.	Description	Mesh	Inlet/Outlet npt	Max WPR			Max Delivery		Material
				psi	bar	MPa	gpm	lpm	
240-418	Filter assembly	60	3/8 (f) 3/8 (m)	1500	104	10.4	1	3.8	Alum.
240-417	Filter assembly	60	1/2 npsm(f) 1/2 (m)	300	21	2.1	1	3.8	Alum.



240-418

Replacement Screen Elements

Each package contains 3 screens.

Part No.	Mesh	Material
• 238-433	40	SST
• 238-431	60	SST
• 238-429	100	SST

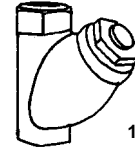


- **Waterborne compatible**

Strainer Y-Types

Strainer Y-types are used to filter material before entering proportioning pumps.

Part No.	Description	Inlet/Outlet npt(f)	Max WPR			Material	Replacement Screen
			psi	bar	MPa		
110-877	20 mesh screen	1/2	400	28	2.8	Steel	110-906
101-078	20 mesh screen	3/4	400	28	2.8	Steel	180-199
112-087	20 mesh screen	3/4	1480	102	10.2	Steel	112-180
110-878	20 mesh screen	1	400	28	2.8	Steel	110-907

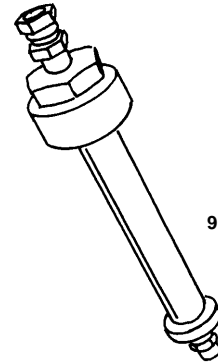


101-078

Gun Station Drop-Line Filter

Point-of-use filter that installs at individual paint drop lines. Easy to service. No tools required to replace dirty filter element. No elbows or internal turns to reduce pressure of flow. Housing assembly includes filter body, hex cap and Teflon encapsulated Viton O-ring. Order filter elements separately.

Part No.	Description	Inlet/Outlet npt(f)	Max WPR			Max Delivery		Material
			psi	bar	MPa	gpm	lpm	
• 915-700	Drop-Line Filter assembly	3/8	500	35	3.5	3	11.4	SST



915-700

Replacement Screen Elements

Part No.	Mesh	Material
• 521-898	25 micron	SST
• 521-899	50 micron	SST
• 521-900	75 micron	SST
• 521-901	100 micron	SST
• 521-902	125 micron	SST
• 521-903	150 micron	SST

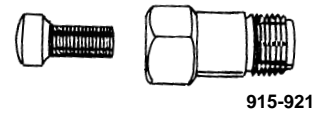
Optional Drop-Line Filter Fittings

Part No.	Drop-Line Filter Elements	Inlet/Outlet npt	Max WPR			Material
			psi	bar	MPa	
• 235-207	Swivel fitting inlet	3/8 npsm(f) 3/8 npt(m)	500	35	3.5	SST
155-665	Swivel fitting inlet	3/8 npsm(f) 3/8 npt(m)	500	35	3.5	CS
• 168-686	Rigid fitting outlet	3/8 (mxm)	500	35	3.5	SST
521-897	O-ring	—	500	35	3.5	Teflon, Viton

- **Waterborne compatible**

Gun Inlet Filter

For use with all air spray guns. Straight fitting with disposable 100 mesh filter element. Attaches between hose and gun inlet to prevent particles from damaging gun mechanism or contaminating sprayed surface.

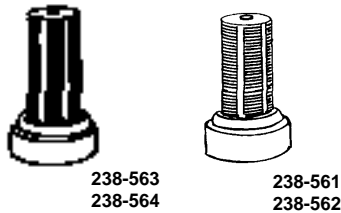


Part No.	Description	Mesh	Inlet/Outlet npsm(mxf)	Max WPR			Material
				psi	bar	MPa	
• 915-921	Housing w/filter	100	$\frac{3}{8}$	500	35	3.5	SST
• 191-386	Housing only	—	$\frac{3}{8}$	500	35	3.5	SST

For swivel/filter assembly (239-394), see page 44.

Replacement Screen Elements

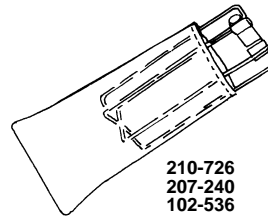
25-Count Carton Part No.	3 Pack Part No.	Mesh	Material
• 238-564	238-563	60	SST
• 238-562	238-561	100	SST



Pump Inlet Filter

Attaches to siphon tube. Coarse screen filter prevents larger foreign objects from entering and possibly damaging pump. Rags, sweeping debris, metal fillings, etc., can cause serious pump wear and downtime if not filtered at the pump or siphon tube inlet.

Part No.	Description	Mesh	Material
210-726	Assembly Cage and nylon bag; fits $\frac{3}{4}$ in. siphon tube	60	Plated steel



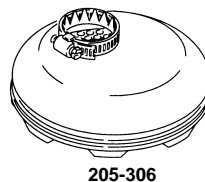
Replacement Screen Elements

Part No.	Mesh	Qty.	Material
238-769	60 mesh	25 count	Nylon

Pump/Suction Inlet Paint Strainers

Attaches to inlet of pumps.

Part No.	Inlet/Description
181-072	1 npt(f)
183-770	$\frac{3}{4}$ npt(f)
181-073	$\frac{1}{2}$ npt(f)
187-119	$1\frac{1}{2}$ npt(f)
205-306	Pancake inlet for Premier immersed feed, order adapter strainer 190-032 x $1\frac{1}{2}$ npt(m) plus bushing 109-505 2 x $1\frac{1}{2}$ to connect adapter to Premier pump fluid inlet.

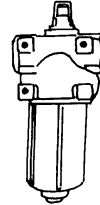


- **Waterborne compatible**

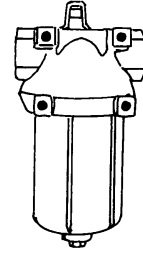
High Pressure Fluid Filters

Red Alert High Pressure Supply Line Filters

Unique red pop-up indicator reveals when fluid filter element requires replacement. Visible from 360° built-in by-pass valving directs continuous flow through separate passage when filter clogs preventing downtime. Materials of construction: carbon steel, glass sight and Viton O-rings. Use stab point style replacement element for high viscosity adhesive, sealants and mastics.



210-090
210-091
210-092



207-994
207-996
207-997
207-998
207-999
208-000

Part No.	Assembly	Element Mesh Size	Inlet/Outlet npt	Max WPR			Max Delivery		Material	Inst. Manual
				psi	bar	MPa	gpm	lpm		
210-090	Complete	60	3/4	3000	207	20.7	6	22	CS	307-252
210-091	Complete	100	3/4	3000	207	20.7	6	22	CS	307-252
210-092	Complete	200	3/4	3000	207	20.7	6	22	CS	307-252
207-994	Complete	30	1 1/4	3000	207	20.7	20	75	CS	306-987
207-995	Complete	60	1 1/4	3000	207	20.7	20	75	CS	306-987
207-996	Complete	100	1 1/4	3000	207	20.7	20	75	CS	306-987
207-997	Complete	150	1 1/4	3000	207	20.7	20	75	CS	306-987
207-998	Complete	200	1 1/4	3000	207	20.7	20	75	CS	306-987
207-999	Complete	.040 stab pt.	1 1/4	3000	207	20.7	20	75	CS	306-995
208-000	Complete	.050 stab pt.	1 1/4	3000	207	20.7	20	75	CS	306-987
Adapter for connection of Drain Valves to Red Alert Bowl:										
105-276			3/4 - 18 unf x 1/4 (f)	3000	207	20.7			CS	307-252

Drain Valves

Part No.	Inlet/Outlet npt	Max. WPR			Material	Inst. Manual
		psi	bar	MPa		
210-657	1/4 (mbe)	5000	345	34.5	Viton, CS	307-252
214-037	1/4 (mbe)	5000	345	34.5	Teflon, CS	307-252
Adapter for connection of Drain Valves to Red Alert Bowl:						
105-276	3/4 - 18 unf x 1/4 (f)	3000	207	20.7	CS	307-252

Replacement Screen Elements

Part No.	Area/sq.		Mesh	Material
	in.	cm		
• 108-111	225	1451	30	SST
• 108-112	225	1451	60	SST
• 108-113	225	1451	100	SST
• 108-115	225	1451	150	SST
• 108-114	225	1451	200	SST

Part No.	Area/sq.		Mesh	Material
	in.	cm		
• 108-116	36	232	60	SST
• 108-117	36	232	100	SST
• 108-118	36	232	200	SST
108-119	225	1451	.040 stab pt.	SST
108-120	225	1451	.050 stab pt.	SST



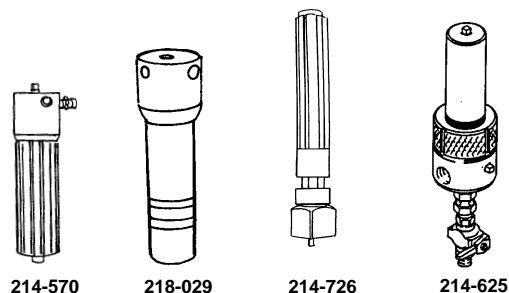
108-111
108-112
108-113
108-114
108-115
108-116
108-117
108-119
108-120

Use stab point filter for high viscosity or filled materials.

- Waterborne compatible

Pump Outlet Filters

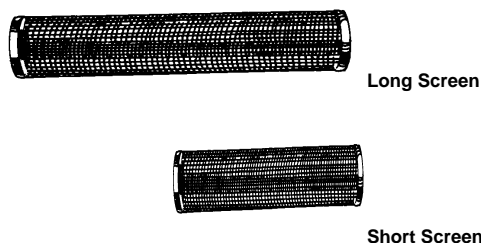
Filter assembly mounts directly on pump at outlet or on nearby wall to capture impurities exiting the pump. Contains 18 in.² (4.6 cm²) filter element for long filter life with high volume pumps. Multiple filter outlets provide installation and bypass or pressure relief flexibility.



Part No.	Description	Mesh	Inlet/Outlet npt(f)	Max WPR			Max Delivery		Material	Inst. Manual
				psi	bar	MPa	gpm	lpm		
238-620	Filter assembly for wall or cart mount pumps	60	$\frac{3}{4}$ $\frac{3}{8}$	5000	345	34.5	3	11	Steel	307-296
214-624	Filter assembly for wall or cart mount pumps	60	$\frac{3}{4}$ $\frac{1}{2}$	5000	345	34.5	3	11	Steel	307-296
214-570	Filter assembly	60	$\frac{3}{8}$ $\frac{1}{4}$	3000	210	21.0	1	4	Alum.	307-273
218-029	Filter assembly	60	$\frac{3}{8}$ $\frac{1}{4}$	5000	345	34.5	1	4	Steel	307-273
214-724	Filter assembly for drum cover mount pumps	60	$\frac{3}{4}$ $\frac{3}{4}$	5000	345	34.5	3	11	Steel	307-296
214-726	Filter assembly for drum cover mount pumps with surge tank	60	$\frac{3}{4}$ $\frac{3}{4}$	5000	345	34.5	3	11	Steel	307-296
235-677	Filter assembly for 490st	60	$\frac{1}{4}$	3000	207	20.7	0.6	2.3	Alum./Steel	308-249
237-069	Filter assembly	60	$\frac{3}{4}$ $\frac{1}{4}$	7400	510	51.0	3	11	Steel	307-296

Replacement Screen Elements

25-Count Carton		3 Pack		Area/sq.		Mesh	Material
Part No.	Part No.	in.	cm	in.	cm		
• 238-436	238-435	18	116	30	SST		
• 238-438	238-437	18	116	60	SST		
• 238-440	238-439	18	116	100	SST		
• 238-442	238-441	18	116	200	SST		
• 238-444	238-443	7	45	30	SST		
• 238-446	238-445	7	45	60	SST		
• 238-448	238-447	7	45	100	SST		
• 238-450	238-449	7	45	200	SST		



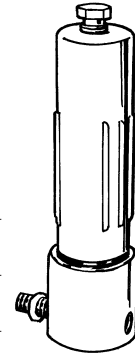
Surge Tanks

Part No.	Description	Inlet/Outlet npt(fbe)	Max WPR			Max Delivery		Material	Inst. Manual
			psi	bar	MPa	gpm	lpm		
• 218-509	Surge Tank	2	600	42	4.2	60	228	CS	307-707
• 238-983	Surge Tank	2	600	42	4.2	60	228	SST	307-707
• 238-984	High-Flo Surge Tank	2* *Sanitary Tri-Clamp compatible	600	42	4.2	60	228	SST	307-707
• 238-985	High-Flo Surge Tank	$1\frac{1}{2}$ * *Sanitary Tri-Clamp compatible	600	42	4.2	60	228	SST	307-707
220-157	Surge Tank	$1\frac{1}{2}$	600	42	4.2	30	114	SST	307-707
218-742	Stand	—	—	—	—	—	—	CS	307-707

• **Waterborne compatible**

Corrosion Resistant Fluid Filter

All stainless steel construction (except Teflon O-ring and polyethylene screen support). Resists corrosion from waterborne materials, catalyzed varnishes and other fluids not compatible with carbon steel or aluminum. Polyethylene screen support prevents screen collapse for maximum performance.

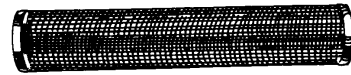


223-160

Part No.	Description	Area/sq.		Mesh	Inlet/Outlet npt	Max WPR			Material	Inst. Manual
		in.	cm			psi	bar	MPa		
• 223-160	Filter assembly	18	116	60	3/8 (f) 1/4 (m)	5000	345	34.5	304, 316 SST	307-273
• 239-800	Filter assembly	18	116	60	3/8 (f) 3/8 (m)	5000	345	34.5	304, 316 SST	307-273
• 238-782	Filter assembly for high solids material	18	116	60	3/8 (f) outlets: 3/8, 1/4, 1/4. bottom: 1/4	5000	345	34.5	340, 316	308-611

Replacement Screen Elements

Part No.	3 Pack Part No.	Area/sq.		Mesh	Material
		in.	cm		
• 238-436	238-435	18	116	30	SST
• 238-438	238-437	18	116	60	SST
• 238-440	238-439	18	116	100	SST
• 238-442	238-441	18	116	200	SST
• 238-444	238-443	7	45	30	SST
• 238-446	238-445	7	45	60	SST
• 238-448	238-447	7	45	100	SST
• 238-450	238-449	7	45	200	SST



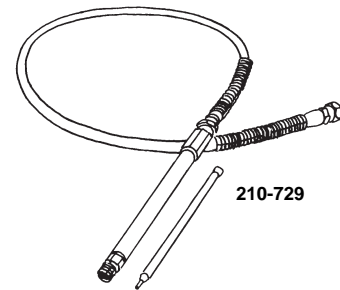
Long Screen



Short Screen

Whiphose Filters

Includes 60 mesh filter element, housing and 3 ft. (91 cm) x 3/16 in. whiphose with spring guard and permanent fittings.



210-729

Part No.	Description	Mesh	Inlet/Outlet npsm(f)	Max WPR			Material	Inst. Manual
				psi	bar	MPa		
210-729	Housing with whiphose	60	1/4 1/4	3000	210	21.0	CS	307-245
213-068	Housing without whiphose	60	1/4 1/4	3000	210	21.0	CS	307-245

Replacement Screen Elements

Part No.	Mesh	Qty.	Material
• 210-731	60	3 pack	SST
• 172-057	60	single	SST
• 210-732	100	3 pack	SST
• 172-058	100	single	SST
• 210-733	200	3 pack	SST
• 172-059	200	single	SST



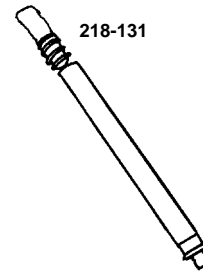
210-731

- **Waterborne compatible**

Gun Inlet Filters for Contractor Guns

Filter assembly which fits into Contractor gun handle. Large filter area to last longer between element replacement.

Part No.	Description	Mesh	Max WPR			Inst. Form
			psi	bar	MPa	
218-131	Inlet filter	60	3600	249	24.9	307-614
218-133	Inlet filter	100	3600	249	24.9	307-614



Contractor Gun Replacement Screen Elements

Part No.	Mesh	Material
• 179-731	60	304 SST
• 179-732	100	304 SST



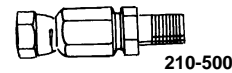
Black Max Gun Replacement Screen Elements

Part No.	Mesh	Material
• 220-609	50	SST
• 220-610	100	SST

Gun Inlet Filter Housing

Swivel fitting with disposable 100 mesh filter element attaches between hose and gun inlet to prevent particles from damaging gun mechanism or passing through onto spray surface.

Part No.	Description	Mesh	Inlet/Outlet npsm	Max WPR		
				psi	bar	MPa
210-500	Housing	100	1/4 (f) 1/4 npt(m)	5000	345	34.5



High Pressure Swivel/Filter Assembly

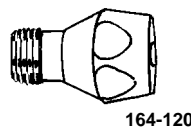
Enhances gun movement and provides integral filter.

Part No.	Description	Inlet/Outlet	Max WPR			Material
			psi	bar	MPa	
239-394	Swivel-Filter	1/4 npt(m) 1/4 npsm(f)	5800	401	40.1	303,430 SST

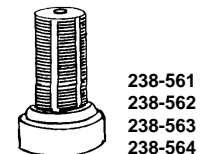
Spray Tip Filters

Final filter to prevent foreign particles from ruining sprayed surface smoothness. Reduces refinishing expense.

Part No.	Description	Spacing
164-120	Tip filter housing	Tip retainer for manual airless gun



25-Count Carton		3 Pack		Description	Spacing
Part No.	Part No.	Part No.	Part No.		
• 238-562	238-561	238-561	238-561	Tip filter	.005 in. (equivalent to 100 mesh screen)
• 238-564	238-563	238-563	238-563	Tip filter	.009 in. (equivalent to 60 mesh screen)



- **Waterborne compatible**

Notes