

FG200 Parts table

	Part No.	Invert Depth				Overall Depth				Vol Gal	Wgt lbs
		Inches		mm		Inches		mm			
		female	male	female	male	female	male	female	male		
F801 Sloped channel - 108" (2.75m)	99006	6.75	7.88	172	200	6.88	8.01	175	203	18.37	11.0
F802 Sloped channel - 108" (2.75m)	99013	7.88	9.00	200	229	8.01	9.13	203	232	22.58	12.0
F803 Sloped channel - 108" (2.75m)	99021	9.00	10.13	229	257	9.13	10.26	232	260	26.79	13.0
F803N Constant depth channel - 108" (2.75m)	99048	10.13	10.13	257	257	10.26	10.26	260	260	28.80	15.5
F803N3 Constant depth channel - 36" (0.915m)	99034	10.13	10.13	257	257	10.26	10.26	260	260	9.60	5.2
F804 Sloped channel - 108" (2.75m)	99055	10.13	11.25	257	286	10.26	11.38	260	289	31.00	14.1
F805 Sloped channel - 108" (2.75m)	99062	11.25	12.38	286	314	11.38	12.51	289	318	35.21	15.2
F806 Sloped channel - 108" (2.75m)	99071	12.38	13.50	314	343	12.51	13.63	318	346	39.42	16.3
F806N Constant depth channel - 108" (2.75m)	99095	13.50	13.50	343	343	13.63	13.63	346	346	41.50	16.3
F806N3 Constant depth channel - 36" (0.915m)	99084	13.50	13.50	343	343	13.63	13.63	346	346	13.83	5.5
F807 Sloped channel - 108" (2.75m)	99109	13.50	14.63	343	371	12.63	14.76	346	375	43.63	17.4
F808 Sloped channel - 108" (2.75m)	99116	14.63	15.75	371	400	14.76	15.88	375	403	47.84	18.5
F809 Sloped channel - 108" (2.75m)	99123	15.75	16.87	400	429	15.88	17.00	403	432	52.05	19.6
F809N Constant depth channel - 108" (2.75m)	99145	16.87	16.87	429	429	17.00	17.00	432	432	54.10	19.6
F809N3 Constant depth channel - 36" (0.915m)	99132	16.87	16.87	429	429	17.00	17.00	432	432	18.00	6.5
F810 Sloped channel - 108" (2.75m)	99156	16.87	18.00	429	457	17.00	18.13	432	460	56.26	20.7
F811 Sloped channel - 108" (2.75m)	99162	18.00	19.13	457	486	18.13	19.26	460	489	60.47	21.8
F812 Sloped channel - 108" (2.75m)	99175	19.13	20.25	486	514	19.26	20.38	489	518	64.68	23.0
F812N Constant depth channel - 108" (2.75m)	99192	20.25	20.25	514	514	20.38	20.38	518	518	66.76	23.0
F812N3 Constant depth channel - 36" (0.915m)	99186	20.25	20.25	514	514	20.38	20.38	518	518	22.25	7.7
Black coated steel frame - 108" (2.75m)	97066	-	-	-	-	-	-	-	-	-	57.9
Black coated steel frame - 36" (0.915m)	98524	-	-	-	-	-	-	-	-	-	19.3
Galvanized steel frame - 108" (2.75m)	97079	-	-	-	-	-	-	-	-	-	57.9
Galvanized steel frame - 36" (0.915m)	98538	-	-	-	-	-	-	-	-	-	19.3
Stainless steel frame - 108" (2.75m)*	97087	-	-	-	-	-	-	-	-	-	57.9
Stainless steel frame - 36" (0.915m)*	98545	-	-	-	-	-	-	-	-	-	19.3
Closing cap (female) with black end frame	98365	-	-	-	-	20.38	20.38	518	518	-	1.1
Closing cap (female) with galv. steel end frame	98386	-	-	-	-	20.38	20.38	518	518	-	1.1
Closing cap (female) with S/S end frame	98375	-	-	-	-	20.38	20.38	518	518	-	1.1
Closing cap (male) with black end frame	98363	-	-	-	-	20.38	20.38	518	518	-	1.3
Closing cap (male) with galv. steel end frame	98382	-	-	-	-	20.38	20.38	518	518	-	1.3
Closing cap (male) with S/S end frame	98372	-	-	-	-	20.38	20.38	518	518	-	1.3
Outlet cap (male) with black end frame	98361	20.25	20.25	514	514	20.38	20.38	518	518	-	1.8
Outlet cap (male) with galv. steel end frame	98381	20.25	20.25	514	514	20.38	20.38	518	518	-	1.8
Outlet cap (male) with S/S end frame	98373	20.25	20.25	514	514	20.38	20.38	518	518	-	1.8
Vertical outlet adapter - 4", 6" or 8" outlet	98103	20.25	20.25	514	514	20.38	20.38	518	518	-	1.6

- Notes:**
- Invert depths are for the channel body & frame assembled.
 - Channel weights are for fiberglass body only.
 - Closing/Outlet caps can be cut down to suit all channels.
 - Add 2" to length of each channel for female joining flange (only applicable at shallowest end of trench run).
 - Frames supplied with plastic snap-fit studs for connecting to fiberglass body.
 - See page 122 for grate details.
- * Grade 304 stainless steel frames, ACO recommends the use of non-galvanized grates with stainless steel frames to avoid galvanic corrosion.

Catch basin parts table

	Part No.	Invert Depth		Overall Depth		Vol Gal	Wgt lbs
		Inches	mm	Inches	mm		
		F660 catch basin - 24" x 12"	98069	26.5	673		
F660 black coated steel frame	97995	-	-	3.13	79	-	13.8
F660 galvanized steel frame	98008	-	-	3.13	79	-	14.4
F660 stainless steel frame*	98013	-	-	3.13	79	-	14.4
F660 plastic trash bucket	98067	-	-	5.75	146	-	5.0
F880 catch basin - 24" x 24"	98075	27.5	699	27.7	703	55.0	22.0
F880 black coated steel frame	98021	-	-	3.13	79	-	23.2
F880 galvanized steel frame	98034	-	-	3.13	79	-	24.2
F880 stainless steel frame*	98048	-	-	3.13	79	-	24.2
F880 plastic trash bucket	98059	-	-	6.75	171	-	8.4
FG200 channel/catch basin adapter	98171	-	-	19.74	501	-	1.1
4" pipe plain end adapter	97425	-	-	6.53	167	-	0.4
6" pipe plain end adapter	97438	-	-	8.66	220	-	0.6
8" pipe plain end adapter	97444	-	-	10.66	270	-	0.9

* Grade 304 stainless steel frames. ACO recommends use of non-galvanized grates with stainless steel frames to avoid galvanic corrosion.

Other ACO products

Exernal drainage

ACO Sport

Surface drainage and building accessories for track & field.

ACO Infrastructure

Surface drainage products engineered for highways, urban roads and bridges.

Aquaduct

Custom design and manufacture of fiberglass trench drain systems.

ACO Duct

Linear ducting system with removable solid covers.

ACO Environment

Oil water separators and spill containment systems.

ACO Wildlife

Tunnel and fence system to guide amphibians and other small creatures safely across roads.

ACO StormBrixx

A unique and patented plastic geocellular storm water managment system.

ACO Self

Simple drainage and building components for use around the home, garden and office.

Building drainage

ACO Stainless

Stainless steel trench drains.

ACO Floor Drain

Stainless steel floor drains.

ACO BuildLine

Drainage products for thresholds, balconies, green roofs and building façades.

ACO Pipe

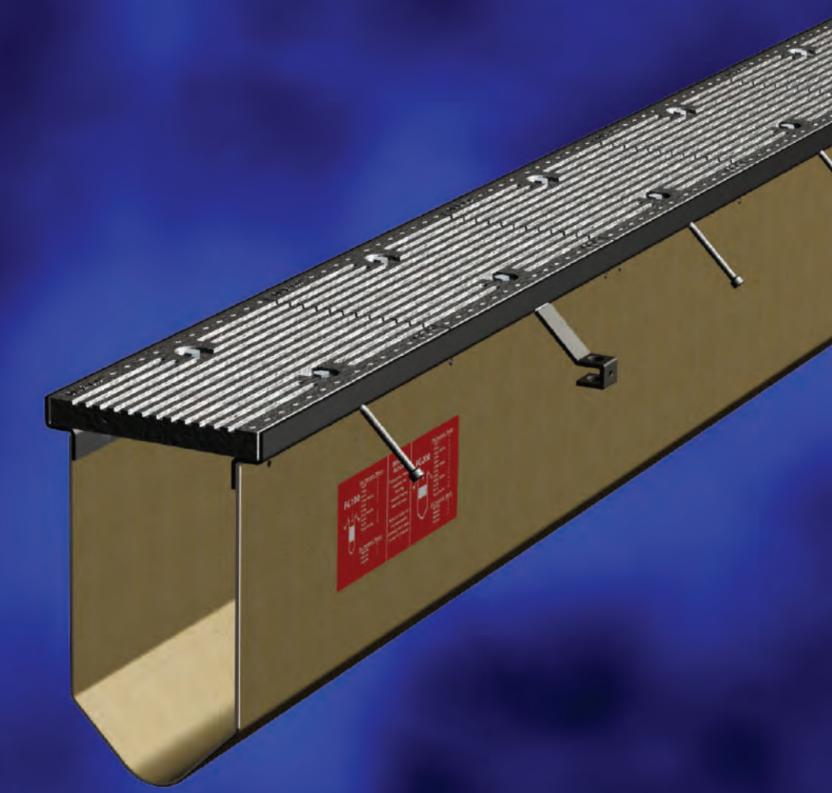
Stainless steel push-fit pipe system.

ACO ShowerDrain

Shower drainage.

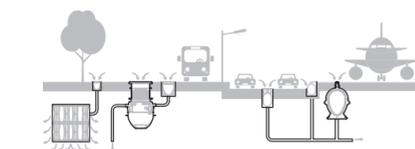
QuARTz

Designer bathroom floor solutions.



ACO DRAIN
FlowDrain Line

FG200 - 8" internal width, 9 ft long fiberglass channels



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Re-order Part # DL056 v1.0

ACO DRAIN

ACO Drain is the market leading modular trench drain system and is ideal for commercial applications varying from gas stations to airports.

ACO Drain systems consist of factory manufactured, modular channel units made from either corrosion-resistant, polymer concrete or fiberglass, together with grates from a variety of materials for all loading applications. ACO Drain systems are available in 2", 4", 8" and 12" internal widths, and most systems are available with a built-in slope for up to 130 ft (40 meters) of continuous slope.

The ACO Drain product line is segmented into different product types depending on use:

1. KlassikDrain

KlassikDrain - K100/K200/K300
MiniKlassik - K50
Brickslot

2. PowerDrain

PowerDrain - S100K/S200K/S300K

3. Slab Solutions

SlabDrain
FlowDrain
MembraneDrain

FlowDrain

FG200 is an 8" (200mm) wide fiberglass system supplied in 9ft (2.75m) sections making it ideal for long straight runs in a concrete slab.

Galvanized, coated or stainless steel frames attach to the fiberglass former to provide a neat edge, grate seat and grate locking bar.

A choice of galvanized and stainless steel bar grates rated to Class C (25 ton) or ductile iron slotted or longitudinal grates rated to Class E (60 ton) are available.

Grates are bolted into the steel frame with 2 bolts per 18" section.

Typical applications

- Airports
- Parking lots and garages
- Industrial areas
- Gas stations
- Commercial applications
- Internal areas

Product overview - FG200

Choice of steel frame - Provides grate support and protects channel edge from damage. Available in black coated, galvanized and stainless steel.



Bolted grates - FG200 grates are lockable with two 1/2" - 13 x 1 1/2" bolts fixing directly into steel frame at 18" (457mm) intervals.

Snap-fit studs - Hold channel body securely to frame and allows quick assembly on-site. Supplied with frame.

Fiberglass - A lightweight material that is made from polyester resin binder reinforced by glass matting and fibers.

Sloped (1.0%) channel units - 9' (2.75 meter) long units provide 108' (32.9 meter) continuous slope. Equates to 1/8" fall per linear foot. Four constant depth channels extend run lengths. Four 3' (0.915 meter) units and accessories also available.

Choice of grates - In various materials and styles (including ADA compliant) for applications up to Load Class E.

Nelson studs - Attached to frame; act as concrete anchors to secure channels into concrete surround.

Interconnecting end profiles - Allows easy and effective joining of channels. Sealant can be used to create sealed joints.

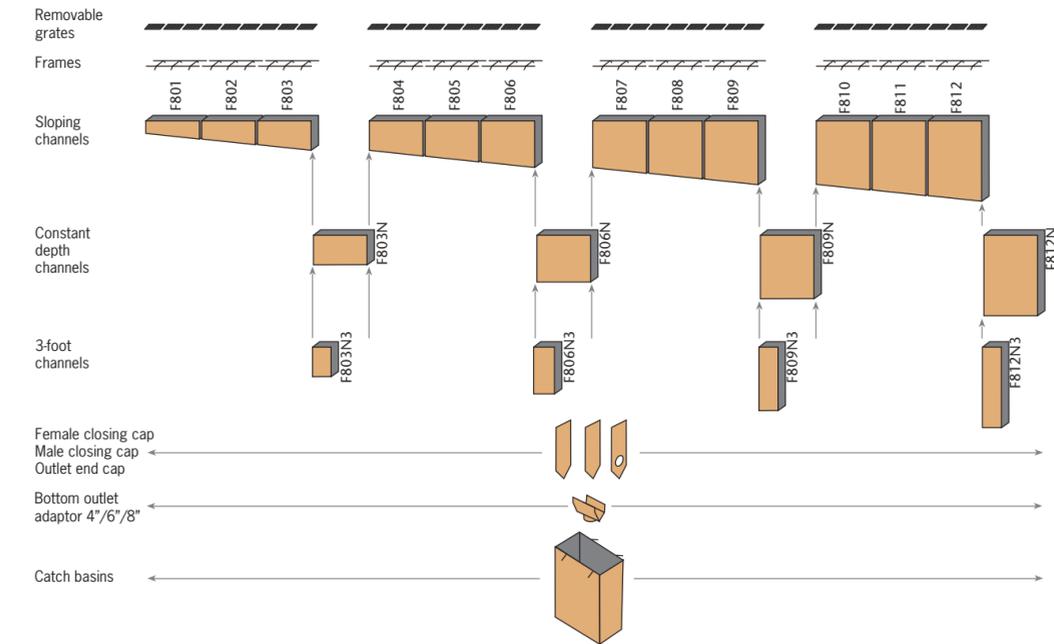
Bracing blocks - Supplied to brace deeper channels during concrete pour; details on how to position are shown on a sticker on each channel.

FG200 8" internal width

Direction arrow - Sticker on side of channel indicates flow direction and ensures channels are installed correctly.

Installation brackets - Provide simple and easy installation using No. 4 or 5 rebar.

Typical system layout



Catch basin options

