



Basin and package accessories

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Features

Fiberglass Basins - heavy duty construction, standard sizes to 72" Dia. and 96" Deep, custom basins to 20' deep available by quote request.

Covers

Pipe Grommets - Use for Inlet or Discharge Connections

Discharge Hubs - Cast iron caulking type and NPT Threaded

Float Switch Brackets - several models to choose from

Junction Boxes - boxes and cord grips

Cord Grips - designed to be installed in fiberglass covers

Cord Seals - seal around electric cord entry holes

Fiberglass basin

Order No.	Options ①	Dimensional Data (inches)			Approx.		Weight (lbs.)		
		A	B	C	Total Gallons	Gallons Per Inch	Fiberglass Standard Basin	with "F" suffix	with "S" suffix
A7-2436	F	24	36	26.5	65	1.81	40	60	107
A7-2448		24	48		84	1.75	50	70	117
A7-2460		24	60		102	1.70	59	79	126
A7-2472F		24	72		118	1.64	NA	89	136
A7-2484F		24	84		165	1.96	NA	116	163
A7-3036		30	36	32.5	110	3.00	46	80	148
A7-3048		30	48		137	2.85	59	92	160
A7-3060		30	60		169	2.82	90	104	172
A7-3072F		30	72		199	2.76	NA	147	214
A7-3084F		30	84		257	3.05	NA	162	230
A7-3096F		30	96		294	3.06	NA	177	245
A7-3636		36	36	38.5	159	4.41	64	103	195
A7-3648		36	48		200	4.17	78	118	210
A7-3660		36	60		246	4.10	93	132	224
A7-3684F		36	84		370	4.40	NA	226	318
A7-4248		42	48	44.5	274	5.71	116	167	288
A7-4260		42	60		339	5.65	139	190	310
A7-4284F		42	84		504	6.00	NA	272	393
A7-4860		48	60	51	446	7.43	161	226	378
A7-4884F		48	84		658	7.83	NA	364	516
A7-6078F		60	78	63	955	12.24	NA	580	807
A7-7284F		72	84	75	1481	17.63	NA	865	1183

① An "F" suffix = fiberglass. Basins are not predrilled for inlet and discharge hubs. Dimensions and weights are based on Topp Industries, Inc. specifications.

Note: Fiberglass collars are molded as an integral part of the basin (built-in) and not something that can be added in the field. See price book.

Standard features

- Heavy duty fiberglass construction with $\frac{3}{16}$ " wall thickness (minimum).
- Designed to withstand hydrostatic pressure of 120 lbs. per cu. ft.
- Maximum fluid temperature: 140° F (60° C).
- Standard sizes:
 - 24" – 72" diameter.
 - 36" – 96" deep.
- Larger sizes also available.
- Fiberglass anti-flotation collars are standard on models with an "F" suffix on the order number.
- Basins are not factory drilled for inlet or discharge connections.

Options

- Optional sizes with depths to 20' are available: contact Customer Service for price quote and availability.
- Inlet hubs and inlet grommets – order separately, see chart on this bulletin.
- Discharge hubs – order separately, see chart on this bulletin.

Solid fiberglass cover

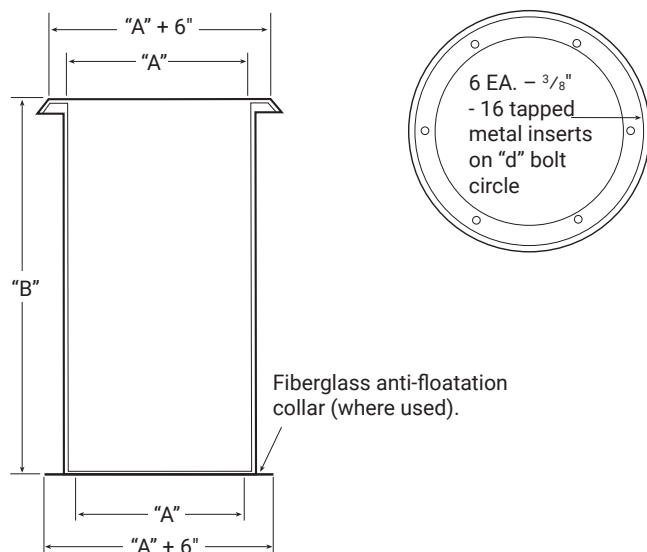
- Heavy duty fiberglass construction.
- Construction provides corrosion resistant gas tight design.
- Unique flange connection allows superior sealing capability.
- Light weight for easy installation.
- Available in 24" through 72" diameters.
- Optional float switch cord grips available (see basin accessories).

Dimensional data

Order No.	A Basin Inside Dia. in.	B Cover Outside Dia. in.	C Cover Bolt Circle in.	D Material Thickness in.
A8-24F	24	30.1875	26.5	.8125
A8-30F	30	36.5	32.5	.8125
A8-36F	36	42.5	38.5	.8125
A8-48F	48	54	51.0	.50
A8-60F	60	66	63.0	.75
A8-72F	72	78	75.0	1.0

(All dimensions are in inches and weights in lbs. Do not use for construction purposes.)

Basin dimension drawing



Solid steel cover

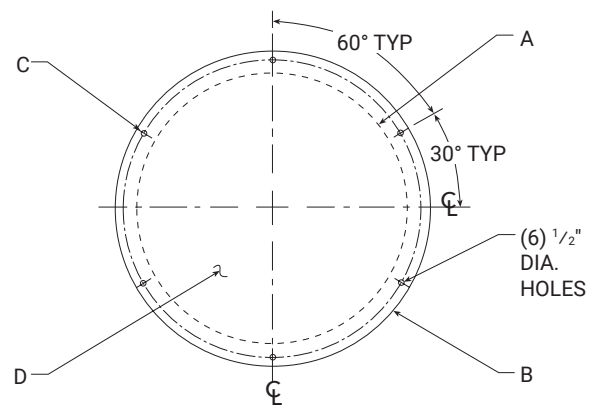
- Heavy duty steel construction.
- Black epoxy coating is applied to each cover.
- Available in 24" through 72" diameters.
- Optional float switch cord grips available (see basin accessories).

Dimensional data

Order No.	A Basin Inside Dia. in.	B Cover Outside Dia. in.	C Cover Bolt Circle in.	D Material Thickness in.
A8-24T	24	28	26.5	.25
A8-30T	30	34	32.5	.25
A8-36T	36	40	38.5	.25
A8-42T	42	46	44.5	.25
A8-48T	48	54	51.0	.25
A8-60T	60	66	63.0	.375
A8-72T	72	78	75.0	.375

Cover dimension drawing

Stainless Steel Hardware Standard –
Gasket Tape Provided



Single door hatch cover

- Heavy duty steel construction.
- Black epoxy coating is applied to each cover.
- Single door design provides large opening for easy access to pump and controls.
- Available in 24" through 72" diameters.

Double door hatch cover

- Heavy duty steel construction.
- Black epoxy coating is applied to each cover.
- Double door design provides easy access to pump and controls.
- Available in 48" through 72" diameters.

Single door hatch cover dimensional data

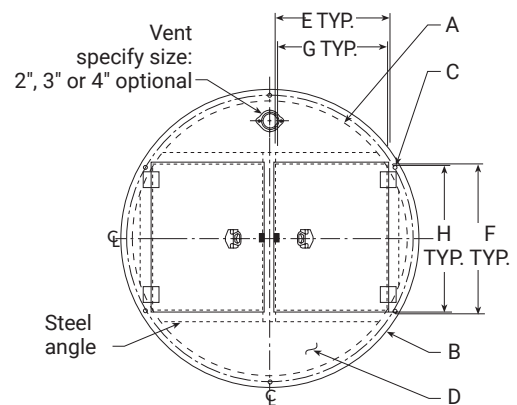
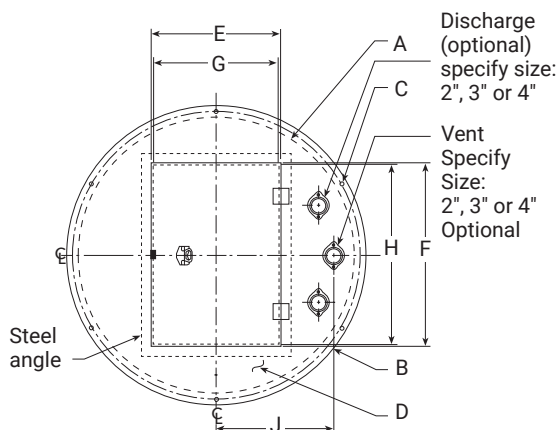
Steel Order No.	Vent Size	A Basin Inside Dimension	B Cover Outside Dimension	C Cover Bolt Circle	D Cover Thickness	E Hatch Door Width	F Hatch Door Length	G Clear Access Width	H Clear Access Length	J Dist.
A8-24H1	2"	24	28	26.5	.25	13.5	17	16	12	10
A8-30H1	2"	30	34	32.5	.25	17.5	23	16	22	13
A8-36H1	2"	36	40	38.5	.25	21.5	25	20	24	16
A8-42H1	2"	42	46	44.5	.25	23.5	33	22	32	19
A8-48H1	2"	48	54	51	0.25	25.5	37	24	36	21
A8-60H1	2"	60	66	63	0.25	30.5	40	29	39	27
A8-72H1	2"	72	78	75	0.25	35.5	49	34	48	28

Double door hatch cover dimensional data

Steel Order No.	Vent Size	A Basin Inside Dimension	B Cover Outside Dimension	C Cover Bolt Circle	D Cover Thickness	E Hatch Door Width	F Hatch Door Length	G Clear Access Width	H Clear Access Length
A8-48H2	2"	48	54	51	.250	18	25	17	24
A8-60H2	2"	60	66	63	.375	21	31	20	30
A8-72H2	2"	72	78	75	.375	25	41	24	40

(All dimensions are in inches and weights in lbs. Do not use for construction purposes.)

Stainless steel hardware standard – gasket tape provided



Simplex fiberglass pump cover

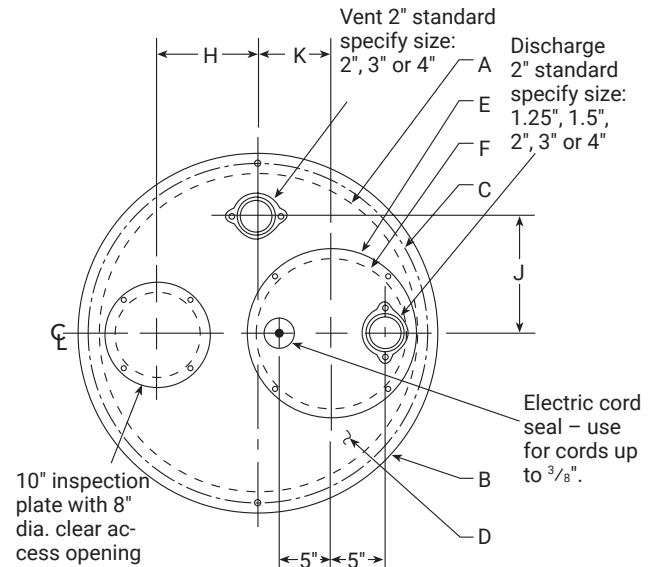
(Simplex covers are not for use if slide rails are used in basin.)

- Heavy duty fiberglass construction.
- Construction provides corrosion resistant gas tight design.
- Unique flange connection allows superior sealing capability.
- Light weight for easy installation.
- Pump access and switch inspection plates furnished as standard.
- Available in 24" through 48" diameters.
- Optional float switch cord grips available (see basin accessories).

Simplex steel pump cover

- Heavy duty steel construction.
- Black epoxy coating is applied to each cover.
- Pump access and switch inspection plates furnished as standard.
- Available in 24" through 48" diameters.
- Optional float switch cord grips available (see basin accessories).

Stainless Steel Hardware Standard –
Gasket Tape Provided



Simplex fiberglass pump cover dimensional data

Order No.	Vent Size	A Cover Inside Dimension	B Cover Outside Dimension	C Cover Bolt Circle	D Cover Thickness	E Access Plate Dimension	F Clear Access Dimension	G Distance	H Distance	J Distance	K Distance
A8-24FS	2"	24	30.5	26.5	.25	16	14	NA	7.75	10	5.50
A8-30FS	2"	30	36.0	32.5	.25	18	16	NA	9.50	11	7.00
A8-36FS	2"	36	42.5	38.5	.25	18	16	NA	13.00	14	7.00

Simplex steel pump cover dimensional data

Order No.	Vent Size	A Cover Inside Dimension	B Cover Outside Dimension	C Cover Bolt Circle	D Cover Thickness	E Access Plate Dimension	F Clear Access Dimension	G Distance	H Distance	J Distance	K Distance
A8-24TS	2"	24	28	26.5	.25	16	14	NA	7.75	10	5.50
A8-30TS	2"	30	34	32.5	.25	18	16	NA	9.50	11	7.00
A8-36TS	2"	36	40	38.5	.25	18	16	NA	13.00	14	7.00
A8-42TS	2"	42	46	44.5	.25	22	20	NA	14.00	14	10.00
A8-48TS	2"	48	54	51.0	.25	22	20	NA	18.00	20	9.00
A8-60TS	2"	60	66	63.0	.375	28	26	NA	15.50	25	15.50

(All dimensions are in inches and weights in lbs. Do not use for construction purposes.)

Duplex fiberglass pump cover

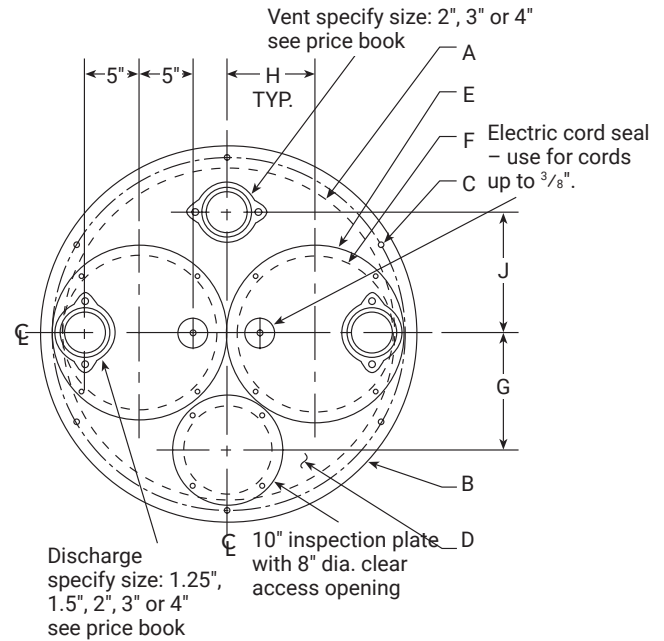
(Duplex covers are not for use if slide rails are used in basin.)

- Heavy duty fiberglass construction.
- Construction provides corrosion resistant gas tight design.
- Unique flange connection allows superior sealing capability.
- Light weight for easy installation.
- Two pump access and one switch inspection plate furnished as standard.
- Available in 30" through 72" diameters.
- Optional float switch cord grips available (see Basin Accessories).

Duplex steel pump cover

- Heavy duty steel construction.
- Black epoxy coating is applied to each cover.
- Two pump access and one switch inspection plate furnished as standard.
- Available in 24" through 48" diameters.
- Optional float switch cord grips available (see Basin Accessories).

Stainless Steel Hardware Standard – Gasket Tape Provided



Duplex fiberglass pump cover dimensional data

Order No.	Vent Size	A Bain Inside Dimension	B Cover Outside Dimension	C Bolt Circle	D Cover Thickness	E Access Plate Dimension	F Clear Access Dimension	G Distance	H Distance	J Distance
A8-30FD	2"	30	34	32.5	.25	16	14	10.50	8.00	11
A8-36FD	2"	36	40	38.5	.25	18	16	13.00	10.00	14

Duplex steel pump cover dimensional data

Order No.	Vent Size	A Bain Inside Dimension	B Cover Outside Dimension	C Bolt Circle	D Cover Thickness	E Access Plate Dimension	F Clear Access Dimension	G Distance	H Distance	J Distance
A8-30TD	2"	30	34	32.5	.25	16	14	10.50	8.00	11
A8-36TD	2"	36	40	38.5	.25	18	16	13.00	10.00	14
A8-42TD	2"	42	46	44.5	.25	22	20	14.00	10.00	14
A8-48TD	2"	48	54	51.0	.25	22	20	18.00	12.00	20
A8-60TD	2"	60	66	63.0	.375	28	26	15.50	15.50	25
A8-72TD	2"	72	78	75.0	.375	28	26	15.50	15.50	30

(All dimensions are in inches and weights in lbs. Do not use for construction purposes.)

NOTE: Not for use if slide rails are installed in basin.

Connections

Inlet grommet (ringer series)

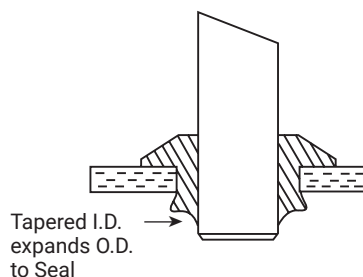
Order No.	Pipe Size	Required Hole Dia.
A8-12U	1¼"	
A8-15U	1½"	
A8-2U	2"	3"
A8-24U	2"	4"
A8-3U	3"	4"
A8-4U	4"	5"
A8-6U	6" Seal	7"

Stop 'n' seal inlet Hub

Order No.	Pipe Size	Required Hole Dia.
A8-4DU	4" Double Seal	5"

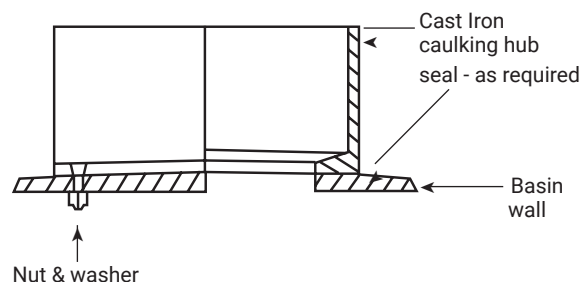
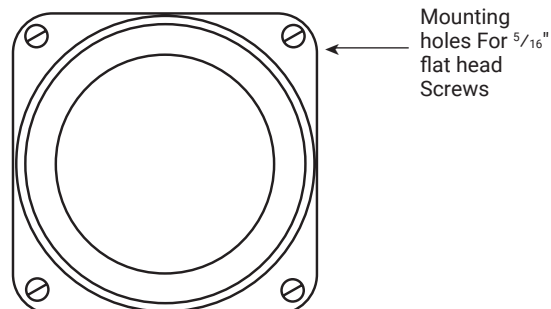
Composite inlet hub

Order No.	Pipe Size
A8-4C	4"
A8-6C	6"
A8-6C2	6"
A8-8C	8"
A8-8C2	8"



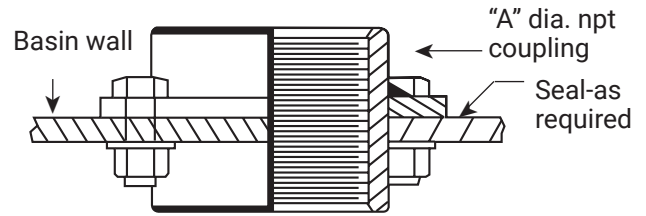
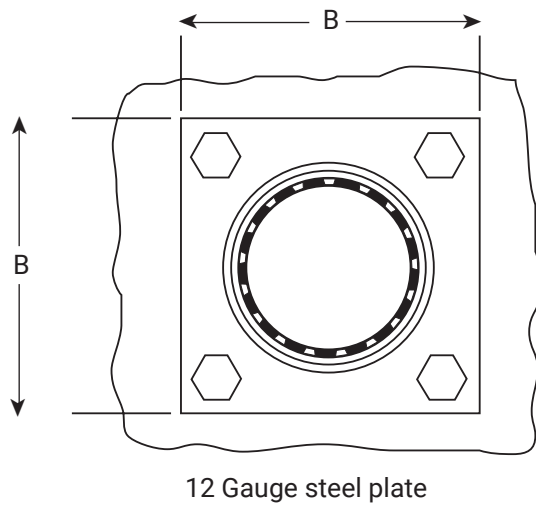
Inlet caulking hubs

Order No.	Description
A8-2	2" Cast Iron
A8-3	3" Cast Iron
A8-4	4" Cast Iron
A8-6	6" Cast Iron
A8-8	8" Cast Iron



Discharge hubs

Through basin wall, female NPT coupling.



Dimensional data

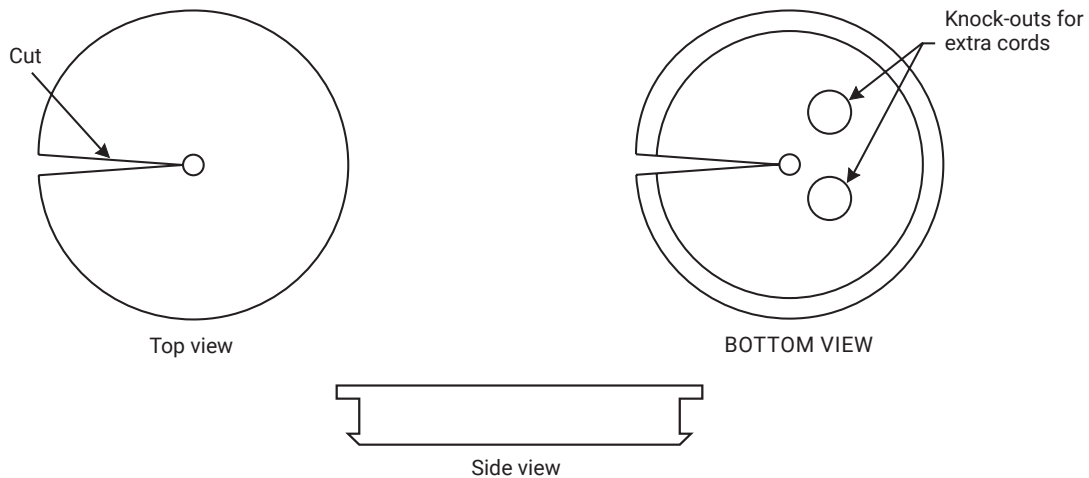
Model No.	A	B
A8-12	1 ¹ / ₄ "	4"
A8-15	1 ¹ / ₂ "	4"
A8-20	2"	4"
A8-30	3"	6"
A8-40	4"	6"

Cord seal

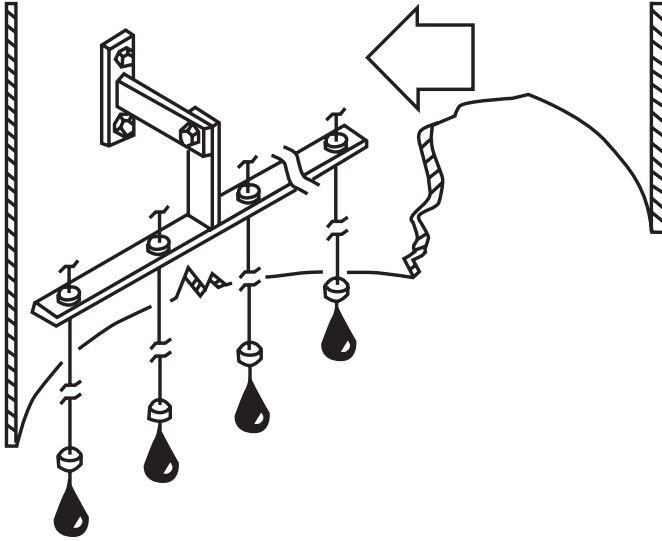
Specifications:

Material: Alcryn Part No. A8-CS
 Diameter: 2.5" Thickness: 7/16"

- Cord Seal is designed to seal around electric cord entry holes of 2.0" to 1.25".
- To modify the seal for smaller holes simply cut pie slices out until the diameter is 0.4" greater than the entry hole.

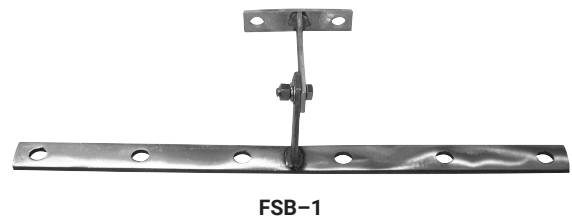
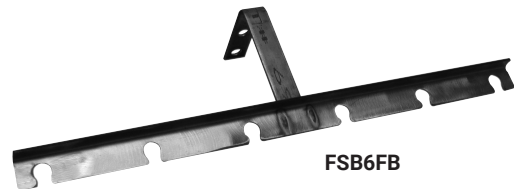
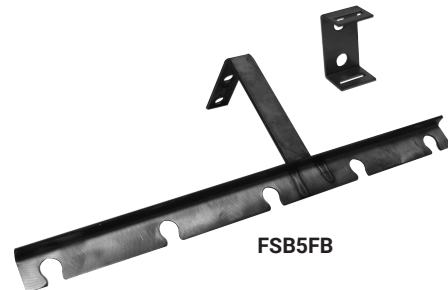


Stainless steel float brackets



- T-type brackets are designed to keep multiple float switches organized within the basin. All brackets are made of Type 304 stainless steel and come with black cord snubbers to securely attach float cables.
- The T-shaped bracket styles are supplied with a mounting piece so that the bracket itself may be easily removed from the basin with the floats still attached.

Order No.	Type	# Floats	Material	Includes	Mfg.
FSB1	Adjustable Bracket	6	304 SS	Cord Snubbers	Conery
FSB3FB	T Type	3	304 SS	Cord Grips	Topp
FSB4FB	T Type	4	304 SS	Cord Snubbers	Conery
FSB5FB	T Type	5	304 SS	Cord Snubbers	
FSB6FB	T Type	6	304 SS	Cord Snubbers	
FSB6AHB	Hook	6	304 SS	Hooks	



Portable hoists

Standard features:

- 304SS construction
- 30' of ¼" stainless steel cable
- Galvanized 1 ton hook
- Dutton-Lainson Marine Grade Brake Winch
- Adjustable reach in 1" (25 mm) increments



Model	Mast Diameter	Maximum Load	Weight	Optional Socket Part Number
A8-PH300	2 ³ / ₈ "	300	73	A8-PH1S
A8-PH1000	3 ¹ / ₂ "	1000	96	A8-PH2S

Trash baskets

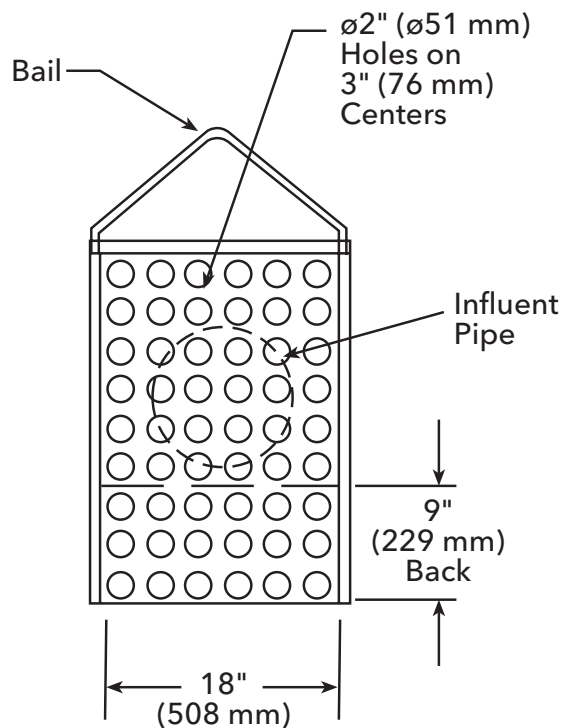
Standard features:

- All aluminum construction
- Perforated screening style
- Baskets for up to 8" inlet
- 2" diameter holes on 3" centers
- **Part # A8-TB1**



Application:

- Large solids pit for problem applications. Easily captures non-pumpable waste to be removed during routine maintenance.



Junction boxes

- NEMA 4X fiberglass enclosure.
- Cord grips supplied for pump and control wires.
- 2" conduit connection supplied.
- Consult factory for enclosure types and options not listed.



Cord grips up to .47	Cord Grips .38 to .75	Inside box dimensions
3	1	6" x 7" x 2 ⁷ / ₈ "

Part number	Configuration	Size	Grips
A8-1J	Simplex	6 x 7 x 2 ⁷ / ₈	3 / 1
A8-3J	Simplex	4 x 4 x 4	3 / 1
A8-4J	Duplex	6 x 6 x 4	4 / 2
A8-6J	Duplex	8 x 8 x 4	6 / 2

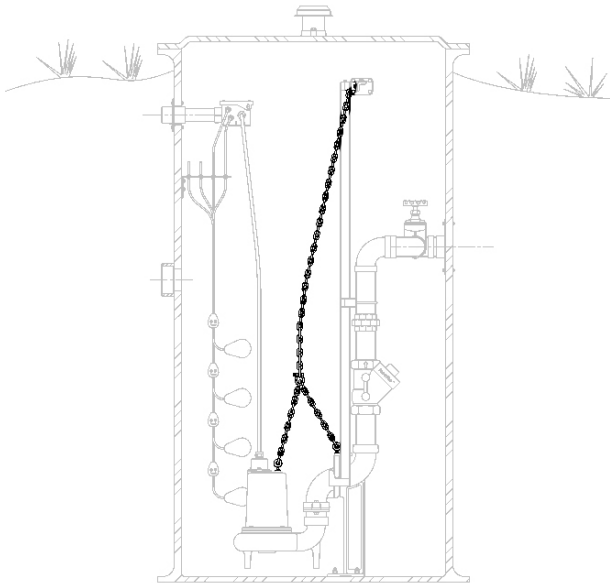
Bail features



- Specifically designed for 4" Wastewater pumps with two point connection or one pump point and one rail point of connection
- Ease of lifting
- Stainless Steel Chain and Shackles for corrosive environments often found in Wastewater applications
- Requires additional straight chain to pull from pit

Bails	Safe working load	Diameter of chain	Length	Shackle	Ring/Link	Recommended for
ABAIL1	1200	$\frac{5}{16}$ "	30"	$\frac{1}{2}$ "	$\frac{1}{2}$ " x $3\frac{1}{8}$ "	7.5 – 15 HP
ABAIL2	2800	$\frac{1}{2}$ "	30"	$\frac{5}{8}$ "	$\frac{1}{2}$ " x $2\frac{1}{2}$ " x $4\frac{1}{4}$ "	20 – 72 HP

Lifting chain kit features



- Specifically designed for lifting pumps less than 7.5 HP
- Two point connection: one pump connection and one slide rail connection
- Bail and straight chain all in one kit
- Ease of Maintenance

Chain Kits	Safe working load	Diameter of chain on bail	Diameter of chain on straight run	Shackle	Length	Recommended usage
ACHNSS10KT	800	$\frac{3}{8}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	10'	up to 7.5 HP
ACHNSS20KT	800	$\frac{3}{8}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	20'	up to 7.5 HP

Chain features



- Strong 316 stainless steel for use with lifting bails or connected directly to pump
- Two diameters of chain available for all pump models sold
- 316 stainless steel shackles Included

Chain	Safe working load	Diameter of chain	Length	Shackle	Recommended usage
ACHNSS10	800	$\frac{3}{16}$ "	10	$\frac{5}{16}$ "	up to 7.5 HP
ACHNSS20	800	$\frac{3}{16}$ "	20	$\frac{5}{16}$ "	up to 7.5 HP
ACHNSS30	800	$\frac{3}{16}$ "	30	$\frac{5}{16}$ "	up to 7.5 HP
ACHNSSL10	2800	$\frac{1}{2}$ "	10	$\frac{5}{8}$ "	7.5 HP up to 72 HP
ACHNSSL20	2800	$\frac{1}{2}$ "	20	$\frac{5}{8}$ "	7.5 HP up to 72 HP

Cable features



- Strong 304 stainless steel for use with lifting bails or connected directly to pump
- 304 stainless steel shackles and thimbles Included

Cable	Safe working load	Diameter of cable	Length	Thimble	Shackle	Recommended usage
ACBL10	740	$\frac{3}{16}$ "	10	$\frac{3}{16}$ "	$\frac{5}{16}$ "	up to 7.5 HP
ACBL20	740	$\frac{3}{16}$ "	20	$\frac{3}{16}$ "	$\frac{5}{16}$ "	up to 7.5 HP
ACBL30	740	$\frac{3}{16}$ "	30	$\frac{3}{16}$ "	$\frac{5}{16}$ "	up to 7.5 HP

Notes

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BCBASIN R21 4/2025

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