

GTP "FB" & "DB" Series

BYPASS & FILTER FEEDERS

Specification 01600060 Rev. F

Written: March 2010

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★ 1.0 DESCRIPTION

1.1 BYPASS/FILTER FEEDER: Shall be manufactured by General Treatment Products, or approved equal and shall be complete with body including 3000# fittings, closure, 2"x3" RED laminated pressure vessel warning, air release and shall be capable of field filter installation without the need for special tools or plumbing. Feeder shall be rated 300PSI at 200 Degrees F.

★ 2.0 MATERIALS

2.1 BODY: Feeder body shall be a minimum of 12 gauge mild steel and have 3000# coupling piping connections. Vessels supplied with economy, minimally threaded fittings (I.E. Phoenix Flanges) shall not be accepted.

2.2 CLOSURE: ASME approved Victaulic pipe coupling shall be 3" with 1/4" tapped pressure plate and EPDM gasket.

Code "-QC" 3 1/2" Quarter turn quick closure, Non-ASME approved, rated 200PSI

Code "-HP" High pressure style feeder comes with 3/4" fill port, installation tee, fill valve and fill funnel

Note: "-QC" & "-HP" Closure does not come standard with Air Release

2.3 PAINT: Feeder shall be coated with oil based enamel paint.

2.4 PRESSURE VESSEL WARNING LABEL: All feeders shall come standard with a 2x3 RED laminated pressure vessel warning label. Warning label shall be secured with poly locking strap near the closure.

2.7 OPTIONAL FEATURES: Select from the following.

Code "PF20" Pleated filter, 20Micron and hanger assembly

Code "SF25" Sock filter with ring, 25Micron and hanger basket assembly

Code "EPC" OD Green, epoxy coating inside and outside

Code "VPPFB" Valve package for flat bottom feeders

Code "VPDB" Valve package for dome bottom feeders

Code "FLO6V" 6" high capacity fill funnel and valve assembly

Code "FL10V" 10" extra high capacity fill funnel and valve assembly

Code "FQC06" 6" high capacity fill funnel, designed for "QC" closure

Code "FQC10" 10" extra high capacity fill funnel, designed for "QC" closure

Code "S125" Sight level assembly, 125PSI MAX. (300PSI model available)

Code "PG300" Pressure gauge, 0-300PSI, brass

Code "AR" 1/4" FNPT plated brass air release valve ("-QC" Models Only)

Note: Not all options are available on all models.

★ 3.0 WARRANTY: General Treatment Products Bypass & Filter Feeders are guaranteed for two years from date of shipment against manufacturing defects in material and workmanship which develop in the service for which they are designed. We will repair or replace a defective part of this system when returned to our factory with freight prepaid; providing that the part is found to be defective upon inspection. We assume no liability for labor and/or other expenses in making repairs or adjustments.

(Dimensions and weights on following page are for standard models, optional fittings, closure and accessories may change final feeder weights and dimensions. Please see detailed drawings at www.gtpcompany.com.)

P.O. Box 8697, Brea, CA 92822-5697 ♦ Phone: (714) 257-9165

266 Viking Ave., Brea, CA 92821 ♦ Fax: (714) 257-9215

📧 www.gtpcompany.com ♦ customerservice@gtpcompany.com 📧

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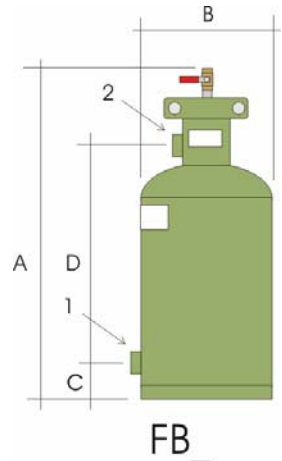


- 4.0 FLAT BOTTOM FEEDER DRAWING, DIMENSIONS & WEIGHTS:
Model shown in drawing is FB1. Dimensions are +/- 1/8". Weights are approximate.

Model	A	B	C	D	1	2	Weight
FB1	17.2"	6"	2.6"	11"	3/4"	3/4"	16lbs.
FB2	25.2"	6"	2.6"	19"	3/4"	3/4"	18lbs.
FB5	23.4"	10"	2.4"	17.5"	3/4"	3/4"	32lbs.
FB10	38.4"	10"	2.4"	32.5"	3/4"	3/4"	49lbs.

Notes:

- 1) All dimensions are +/- 1/8" and weights are approximate and do not include optional features.



- 4.1 DOME BOTTOM FEEDER DRAWING, DIMENSIONS & WEIGHTS:
Model shown in drawing is DB1. Dimensions are +/- 1/8". Weights are approximate.

Model	A	B	C	D	E	1	2	3	Weight
DB1	24.8"	6"	10.3"	11"	6"	3/4"	3/4"	3/4"	17lbs.
DB2	32.8"	6"	10.3"	19"	6"	3/4"	3/4"	3/4"	22lbs.
DB5	30.8"	10"	9.7"	17.5"	4.9"	3/4"	3/4"	3/4"	36lbs.
DB10	45.8"	10"	9.7"	32.5"	4.9"	3/4"	3/4"	3/4"	53lbs.

Notes:

- 1) All dimensions are +/- 1/8" and weights are approximate and do not include optional features.

