

SECTION 20

Industrial Filtration Equipment



WATER QUALITY PRODUCTS
Catalog 10

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Flow-Max[®] Commercial Quality Filter Housings

Check Out These Many Features And Benefits:

- 100% stainless steel for durability.
- 304 and 316 stainless steel available.
- Convenient band clamp lid closure is standard for easy cartridge replacement.
- Pipe fittings are readily accessible for easy installation.
- Adjustable top plate accepts variable length cartridges for more options.
- Two drains provided for clean and dirty fluids.
- Legs and mounting tabs are available.



- Knife edge seals are provided at both ends of all DOE cartridges for superior performance.
- Rated for temperatures to 250° F. (No plastic holding rods.)
- Pressure rating to 150 psi.
- Housings for pressures to 300 psi are available.
- Optional sanitary connections.
- Models to accept DOE, 222 and cartridges with 226 end caps.
- Protective poly-coat over stainless steel standard finish.
- Electro-polishing is available.
- Standard, Premium Series and Jumbo models are in stock for immediate shipment.

Specifications

| | |
|------------------|---|
| Material: | 304 and 316 stainless steel are available. |
| Pressure rating: | Housings are rated for pressures to 150 psi (10 bar). |
| Temperature: | Filters are rated for temperatures to 250° F (121° C). Please consider cartridges to be used. |
| Gaskets & seals: | Buna-N is standard. Viton, EDPM and Teflon are available. |
| Finish: | Protective poly-coat over stainless is standard finish. Electro-polishing available. |
| Pressure drop: | Initial pressure drop is <1 psi at designed flow rates for housings only. |
| Cartridge types: | Housings are designed to accept DOE cartridges. Adapters for 222 & 226 cartridges available. |

Models



Flow-Max[®] Jumbo Cartridge Filter Housings

Single cartridge models for the most “user friendly” filtration possible!

Best Selling Product. Try it today!



Model "90"

Model "170"

Model "40"

Flow-Max[®] Commercial Quality Jumbo Cartridge Filter Housings In 316SS

| Model Number | Material | Max. Flow (GPM) | Cartridge Style | Number Of Cartridges | Pipe Size | Lid Closure |
|--------------|----------|-----------------|-----------------|----------------------|-----------|-------------|
| FMJCH40 | 316SS | 50 | "40" | 1 | 2" NPT | V-Band |
| FMJCH90 | 316SS | 100 | "90" | 1 | 2" NPT | V-Band |
| FMJCH170 | 316SS | 150 | "170" | 1 | 2" NPT | V-Band |

Note: Commercial quality jumbo cartridge housings are rated for pressures to 150 PSI (10 bar) and temperatures to 140°F with standard jumbo cartridges and 250°F using high temp cartridges. Pressure gauges included and installed on inlets and outlet.



User friendly Flow-Max jumbo cartridges are easy to install, easy to service and easy to replace!



Adjustable compression cap provides superior sealing for both ends of the jumbo cartridge.



Model FMJCH170

Flow-Max® Commercial Filters

Stainless steel filter housings with easy, safe and secure band-clamp lid closure.



4 & 5 Round Models



12 Round



22 Round



Premium Series

Flow-Max® Commercial Quality Multi-Cartridge Stainless Steel Filter Housings (316SS and 304SS)

| Model Number (316SS) | Model Number (304SS) | Round | Max. Flow Rate (GPM) Pleated | Max. Flow Rate (GPM) Depth | Pipe Size | Drain Size (NPT) | No. Of Standard Cartridges | Cartridge Options (Lengths) |
|----------------------|----------------------|-------|------------------------------|----------------------------|-----------|------------------|----------------------------|-----------------------------|
| N/A | FM4X1-1-304 | 4 | 25 | 25 | 1" NPT | 1/2" | 4 | 9-3/4" - 10" |
| FM5X1 | FM5X1-304 | 5 | 30 | 25 | 2" NPT | 1/2" | 5 | 9-3/4" - 10" |
| FM4X2 | FM4X2-304 | 4 | 60 | 40 | 2" NPT | 1/2" | 4 | 20" |
| FM4X3 | FM4X3-304 | 4 | 90 | 60 | 2" NPT | 1/2" | 4 | 29-1/4" or 30" |
| FM4X4 | FM4X4-304 | 4 | 120 | 80 | 2" NPT | 1/2" | 4 | 40" |
| FM5X4 | FM5X4-304 | 5 | 150 | 100 | 2" NPT | 1/2" | 5 | 40" |
| FM12X3 | FM12X3-304 | 12 | 250 | 180 | 3" flange | 1/2" | 12 | 29-1/4" or 30" |
| FM12X4 | FM12X4-304 | 12 | 300 | 240 | 3" flange | 1/2" | 12 | 40" |
| FM22X3 | FM22X3-304 | 22 | 500 | 330 | 4" flange | 1/2" | 22 | 29-1/4" or 30" |
| FM22X4 | FM22X4-304 | 22 | 600 | 440 | 4" flange | 1/2" | 22 | 40" |

Flow-Max® Premium Series Housings With Mounting Legs And Pressure Gauges (316SS)

| Model Number | Round | Max. Flow Rate (GPM) Pleated | Max. Flow Rate (GPM) Depth | Pipe Size | Drain Size (NPT) | No. Of Standard Cartridges | Cartridge Options (Lengths) |
|--------------|-------|------------------------------|----------------------------|-----------|------------------|----------------------------|-----------------------------|
| FMPS4X2 | 4 | 60 | 40 | 2" NPT | 1/2" | 4 | 20" |
| FMPS5X3 | 5 | 120 | 75 | 2" NPT | 1/2" | 5 | 29-1/4" or 30" |
| FMPS5X4 | 5 | 150 | 100 | 2" NPT | 1/2" | 5 | 40" |
| FMPS7X4 | 7 | 200 | 140 | 2" NPT | 1/2" | 7 | 40" |

Note: Flow rates shown above are for guidelines only. Actual flow rates are based on cartridge type, micron rating, solids content and a number of other factors.

Flow-Max[®] Jumbo Filter Cartridges

With cellulose-free synthetic and mesh media in a wide range of micron ratings.



Standard Synthetic Media



Flow-Max jumbo filter cartridge



PP Mesh Media

Model 40

| Filter Housing Model Number | Micron Rating | Product Code with Synthetic Media | Product Code with Mesh Media | Number Per Case |
|-----------------------------|---------------|-----------------------------------|------------------------------|-----------------|
| 40 | 1 Absolute | FMHC-40-1A | N. A. | 1 |
| | 0.35 | FMHC-40-0.35EZ | N. A. | 1 |
| | 1 | FMHC-40-1EZ | N. A. | 1 |
| | 5 | FMHC-40-5EZ | N. A. | 1 |
| | 20 | FMHC-40-20EZ | N. A. | 1 |
| | 50 | FMHC-40-50 | N. A. | 1 |
| | 100 | FMHC-40-100EZ | N. A. | 1 |
| | 150 | N. A. | FMHC-40-150M | 1 |

Model 90

| Filter Housing Model Number | Micron Rating | Product Code with Synthetic Media | Product Code with Mesh Media | Number Per Case |
|-----------------------------|---------------|-----------------------------------|------------------------------|-----------------|
| 90 | 1 Absolute | FMHC-90-1A | N. A. | 1 |
| | 0.35 | FMHC-90-0.35 | N. A. | 1 |
| | 1 | FMHC-90-1EZ | N. A. | 1 |
| | 5 | FMHC-90-5EZ | N. A. | 1 |
| | 20 | FMHC-90-20EZ | N. A. | 1 |
| | 50 | FMHC-90-50EZ | N. A. | 1 |
| | 100 | FMHC-90-100EZ | N. A. | 1 |
| | 150 | N. A. | FMHC-90-150M | 1 |

Model 170

| Filter Housing Model Number | Micron Rating | Product Code with Synthetic Media | Product Code with Mesh Media | Number Per Case |
|-----------------------------|---------------|-----------------------------------|------------------------------|-----------------|
| 170 | 1 Absolute | FMHC-170-1A | N. A. | 1 |
| | 0.35 | FMHC-170-0.35EZ | N. A. | 1 |
| | 1 | FMHC-170-1EZ | N. A. | 1 |
| | 5 | FMHC-170-5EZ | N. A. | 1 |
| | 20 | FMHC-170-20EZ | N. A. | 1 |
| | 50 | FMHC-170-50EZ | N. A. | 1 |
| | 100 | FMHC-170-100EZ | N. A. | 1 |
| | 150 | N. A. | FMHC-170-150M | 1 |

Flow-Max[®] In-Line Filters

Single cartridge, metal filter housings for in-line installations.

Applications

- High temperatures
- High pressures
- Aggressive chemicals
- Water
- Oils
- Coolants
- Plating solutions
- Solvents
- Lubricants
- Hydraulic fluids

Models

- Nickel plated brass heads with 304 stainless sumps and T-Handles for easy sump removal
- 304 stainless steel for DOE cartridges
- 316 stainless steel for 222 o-ring end caps
- Carbon steel

Specifications

- Rated for pressures to 250 PSI (17.5 bar)
- Rated for temperatures to 250°F (121°C)
- Buna-N seals are standard. Optional seals available



Models With Nickel Plated Brass Heads, 304 Stainless Steel Sumps And T-Handles

| Model Number | Cartridge Length | Pipe Size | No. Of Cartridges | Sump | Head | Shipping Weight (lbs.) |
|-----------------|------------------|-----------|-------------------|--------|----------------|------------------------|
| FM10-BN-304-34T | 10" * | 3/4" | 1 | 304 SS | Nickel / Brass | 7 |
| FM20-BN-304-34T | 20" | 3/4" | 1 | 304 SS | Nickel / Brass | 10 |

*Accepts 10" and 9-7/8" wound or 9-3/4" cartridges with rigid end caps (pleated). Rated for pressures to 250 psi and temperatures to 250°F

With 304 Stainless Steel Heads And 304 Sumps

| Model Number | Cartridge Length | Pipe Size | No. Of Cartridges | Sump | Head | Shipping Weight (lbs.) |
|--------------|------------------|-----------|-------------------|--------|--------|------------------------|
| FM10-304-34 | 10" * | 3/4" | 1 | 304 SS | 304 SS | 7 |
| FM20-304-34 | 20" | 3/4" | 1 | 304 SS | 304 SS | 10 |

*Accepts 10" and 9-7/8" wound or 9-3/4" cartridges with rigid end caps (pleated). Rated for pressures to 250 psi and temperatures to 250°F

Models With 316 Stainless Steel Construction For Cartridges With 222 O-Ring End Caps

| Model Number | Cartridge Length | Pipe Size | No. Of Cartridges | Sump | Head | Shipping Weight (lbs.) |
|-----------------|------------------|-----------|-------------------|--------|--------|------------------------|
| FM10-316-34-222 | 10"* | 3/4" | 1 | 316 SS | 316 SS | 7 |
| FM20-316-1-222 | 20" | 1" | 1 | 316 SS | 316 SS | 10 |

Note: Filter housings listed directly above are rated for pressures to 250 psi and temperatures to 250°F.

Models With Carbon Steel Sumps And Cast Iron Heads

| Model Number | Cartridge Length | Pipe Size | No. Of Cartridges | Sump | Head | Shipping Weight (lbs.) |
|--------------|------------------|-----------|-------------------|--------|-----------|------------------------|
| FM10-CS-34 | 10"* | 3/4" | 1 | Carbon | Cast iron | 7 |
| FM30-CS-34 | 30" | 3/4" | 1 | Carbon | Cast iron | 12 |

*Accepts 10" and 9-7/8" wound or 9-3/4" cartridges with rigid end caps (pleated). Rated for pressures to 250 psi and temperatures to 250°F

Watts® Jumbo Cartridge Filters

With optional activated carbon cartridge to remove Chlorine, bad tastes, foul odors and sediment.

Rugged Construction

Filter housings are made of rugged, glass-reinforced polypropylene so they will not chip, rust or dent. And because all wetted surfaces are non-metallic, they are ideal when chemical compatibility is an issue and for sea water applications.

Low Cost

Filters are an economical replacement for stainless steel filtration equipment because of their non-metallic construction and today's high cost of stainless steel!

Applications

Jumbo Cartridge Filters are ideal for a wide range of applications, including:

- Whole house filtration
- Commercial filtration
- Industrial filtration
- Pre-filtration for reverse osmosis equipment
- Community water systems
- Sea water applications due to their non-corrosive construction
- Replacement for bag filters more filter area
- Replacement for multiple cartridge filters for greater convenience
- Water for livestock and poultry



Model: BBH-150

Proprietary Cartridges

The replacement cartridge for the Watts whole house filter is totally proprietary, so you may enjoy the replacement cartridge business over the life of the equipment

Conserves Water!

Watts whole house filters with our proprietary pleated activated carbon cartridge conserves water because backwashing is not required, making them 100% efficient.

Double O-Rings

For superior sealing.

E-Z Change-Out

Cartridge replacement is easy as 1-2-3:

1. Remove swing bolts.
2. Remove lid.
3. Rotate cartridge 1/4 turn and pull-up.

Filter inlet.

Three Cartridge Types!

- Pleated, for flow rates up to 150 GPM using 100% cellulose free media (cleanable 5 micron up).
- Low cost Melt Blown for depth filtration, deal for slimy water.
- Activated carbon to remove chlorine, tastes, odors and sediment. Ideal for whole house treatment to 20 GPM offering 150,000 gallon capacity.

Filter outlet.

Three Cartridge Types



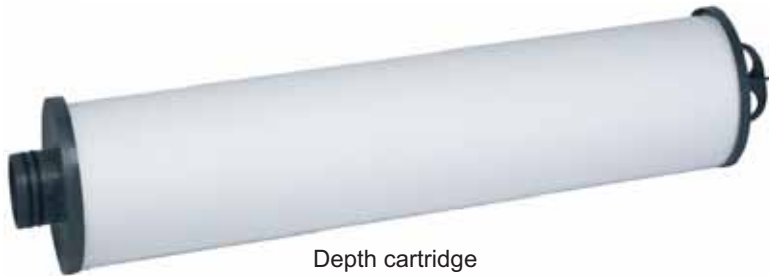
Pleated cartridge

Pleated Cartridges

Ideal for more critical applications, offering greater efficiency, more surface area for greater throughput and reduced cost.

| Product code | Media Type | Micron Rating | Per case |
|---------------|------------|---------------|----------|
| BBC-150-P1A | PP | 1 Absolute | 1 |
| BBC-150-P1 | PP | 1 | 1 |
| BBC-150-P5 | PP | 5 | 1 |
| BBC-150-P20 | PE | 20 | 1 |
| BBC-150-P50 | PE | 50 | 1 |
| BBC-150-PM150 | Mesh | 150 | 1 |

Note: 5, 20, 50 and 150 micron cartridges are cleanable and reusable to reduce costs.



Depth cartridge

Depth Cartridges

Melt blown Polypropylene cartridges are recommended when depth filtration is necessary for gelatinous substances and when chemical resistance may be a requirement.

| Product code | Media Type | Micron Rating | Per case |
|--------------|------------|---------------|----------|
| BBC-150-D1 | PP | 1 | 1 |
| BBC-150-D5 | PP | 5 | 1 |
| BBC-150-D20 | PP | 20 | 1 |
| BBC-150-D50 | PP | 50 | 1 |



Activated carbon cartridge

Activated Carbon Cartridges

Ideal for whole house filtration to reduce chlorine, taste, odors and sediment.

| Product Code | Max. Flow | Capacity | Chlorine Reduction |
|--------------|-----------|---------------|--------------------|
| BBC-150-ACP | 15 GPM | 140,000 Gals. | 90% |

Note: We build filtration systems, or they may be installed on site. For more information please inquire!

Specifications

Jumbo Cartridge Housing (P/N: BBH-150)

| Specifications | Data |
|----------------------------|-----------------------|
| Body (all wetted surfaces) | Glass reinforced PP |
| Cartridge end caps | Glass reinforced PP |
| Swing bolts | 304 stainless steel |
| O-rings (cartridges) | EPDM (Viton optional) |
| O-ring (lid) | EPDM (Viton optional) |
| Pipe fittings | 2" slip |
| Overall height | 40" |
| Width (vessel OD) | 12" |

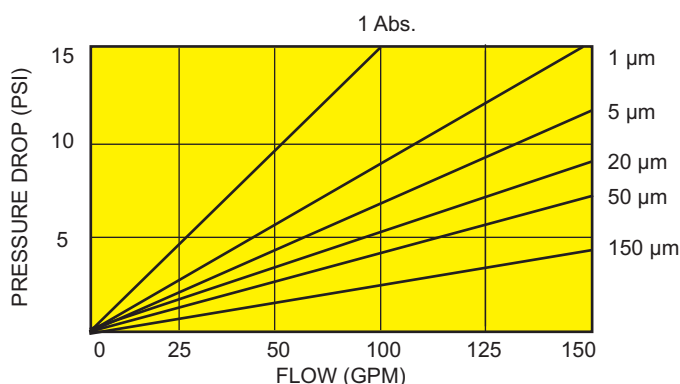
Jumbo Cartridges

| Specifications | Data |
|---------------------------|-----------------------------------|
| Maximum flow rate | 150 GPM* (36 M ³ /hr.) |
| Maximum flow (carbon) | 15 GPM |
| Maximum flow (1 Absolute) | 50 GPM |
| Maximum temperature | 125°F (52°C) @ 80 psi |
| Maximum working pressure | 125 psi (8.75 bar) |
| Burst test | 300 psi |
| Cycle test | 100,000 |

* Highly dependent on micron rating, solids content and other factors. Please see pressure drop chart below.

Low Pressure Drop

Jumbo Cartridge Filters housings are designed to minimize pressure drop, by using 2" pipe fittings and large diameter center tubes. (See chart at right for pressure drop data using pleated cartridges.)



Jumbo Cartridge Filter Specifications

| | Pleated | Depth | Activated Carbon |
|-------------------------|-----------------------|---------------|--------------------------|
| Media | PP | PP | Activated carbon |
| End caps | PP + FG | PP + FG | PP |
| Center tubes | PP | PP | PP |
| Maximum flow rate (GPM) | 150 | 100 | 15 |
| Maximum temperature | 125°F (52°C) | 125°F (52°C) | 125°F (52°C) |
| Maximum ΔP (psi) | 30 | 40 | 30 |
| Chemical resistance | Excellent | Excellent | Not a factor (for water) |
| Length (media) | 26-1/4" | 26-1/4" | 26-1/4" |
| O-rings (dual) | EPDM | EPDM | EPDM |
| Shipping weight (lbs.) | 5 | 5 | 7 |
| Carton dimensions | 7" x 7" x 31" | 7" x 7" x 31" | 7" x 7" x 31" |
| Micron ratings | 1A, 1, 5, 20, 50, 150 | 1, 5, 20, 50 | 10 |

Note: Flow rates are based on each specific application, micron rating, solids content and a number of other factors. End user should consider these factors when selecting the filter housing (or number of filter housings) needed for their particular requirement.

Spare Parts

| Part Numbers | Description |
|--------------|-------------------------|
| BB-LID | Lid |
| BB-PR | Pressure release button |
| PG15L25 | Pressure gauge |
| BB-EYEBOLT | Eye bolt |
| BB-POST | Post for eye bolt |
| BB-WASHER | Washer for eye bolt |
| DRAINPLUGOR | Drain plug with o-ring |

| Part Numbers | Description |
|---------------|-----------------------------------|
| BB-ORING-E | O-ring for lid (EPDM) |
| BB-ORING-V | O-ring for lid (Viton) |
| BC-ORING-E | O-ring for cartridge (EPDM) |
| BC-ORING-V | O-ring for cartridge (Viton) |
| BB-COUPLER | Pipe fitting coupler (two pieces) |
| BB-COUPLER-OR | O-ring for coupler |
| BB-PLUG | Plug for second outlet |

Flow-Max[®] Bag Filters & Filter Bags

Bag housings with heavy-duty construction and swing-bolt lid closure.



Features & Benefits

- Heavy-duty construction
- Swing bolt lid closure with eye nuts
- Rated for pressures to 150 PSI
- 2" NPT pipe with vent and drain
- 304 stainless steel baskets
- Adjustable legs
- Ports for pressure gauges
- Bottom outlet for easy installation
- Stainless legs on stainless models

Bag Filter Housing Models

| Model No. | No. | Description | Housing Material | Adjustable Legs | Bag Size | Pipe Size |
|-----------|-----|-----------------------|------------------|-----------------|----------|-----------|
| FMBH1-CS | #1 | Swing-bolt bag filter | Carbon Steel | Carbon Steel | #1 | 2" NPT |
| FMBH2-CS | #2 | Swing-bolt bag filter | Carbon Steel | Carbon Steel | #2 | 2" NPT |
| FMBH2-304 | #2 | Swing-bolt bag filter | 304SS | Stainless | #2 | 2" NPT |

#2 Filter Bags

| Part Number | Number | Size | Material | Micron Rating | No./ Case |
|-------------|--------|----------|----------|---------------|-----------|
| FMPPFB2-1 | #2 | 7" x 32" | PP | 1 | 20 |
| FMPPFB2-5 | #2 | 7" x 32" | PP | 5 | 20 |
| FMPPFB2-10 | #2 | 7" x 32" | PP | 10 | 20 |
| FMPPFB2-25 | #2 | 7" x 32" | PP | 25 | 20 |
| FMPPFB2-50 | #2 | 7" x 32" | PP | 50 | 20 |
| FMPPFB2-100 | #2 | 7" x 32" | PP | 100 | 20 |

Filter bags made with glazed polypropylene felt with galvanized carbon steel rings.

#1 Felt Bags

| Part Number | Number | Size | Material | Micron Rating | No./ Case |
|-------------|--------|----------|----------|---------------|-----------|
| FMPPFB1-1 | #1 | 7" x 16" | PP | 1 | 20 |
| FMPPFB1-5 | #1 | 7" x 16" | PP | 5 | 20 |
| FMPPFB1-25 | #1 | 7" x 16" | PP | 25 | 20 |
| FMPPFB1-50 | #1 | 7" x 16" | PP | 50 | 20 |
| FMPPFB1-100 | #1 | 7" x 16" | PP | 100 | 20 |

Filter bags made with glazed polypropylene felt with galvanized carbon steel rings.

Pressure Gauges

Full line of stainless steel pressure gauges with brass fittings.



Side Mount Models (2-1/2" diameter)

| Part Number | Type | PSI | KG | Fitting | Material (Body) | Material (Fittings) | Number Per Case |
|-------------|-----------------|-------|------|-----------|-----------------|---------------------|-----------------|
| PG05L25 | Glycerin Filled | 0-75 | 0-5 | 1/4" MNPT | 304 SS | Brass | 1 |
| PG07L25 | Glycerin Filled | 0-100 | 0-7 | 1/4" MNPT | 304 SS | Brass | 1 |
| PG15L25 | Glycerin Filled | 0-200 | 0-15 | 1/4" MNPT | 304 SS | Brass | 1 |
| PG20L25 | Glycerin Filled | 0-300 | 0-20 | 1/4" MNPT | 304 SS | Brass | 1 |

Back Mount Models (2-1/2" diameter)

| Part Number | Type | PSI | KG | Fitting | Material (Body) | Material (Fittings) | Number Per Case |
|-------------|-----------------|-------|------|-----------|-----------------|---------------------|-----------------|
| PG05B25 | Glycerin Filled | 0-75 | 0-5 | 1/4" MNPT | 304 SS | Brass | 1 |
| PG07B25 | Glycerin Filled | 0-100 | 0-7 | 1/4" MNPT | 304 SS | Brass | 1 |
| PG15B25 | Glycerin Filled | 0-200 | 0-15 | 1/4" MNPT | 304 SS | Brass | 1 |
| PG20B25 | Glycerin Filled | 0-300 | 0-20 | 1/4" MNPT | 304 SS | Brass | 1 |

Chemical Feed Pumps

Self-priming, peristaltic type feed pumps for chlorine and pH adjustment chemicals.



Peristaltic Type Feed Pumps

Stenner® peristaltic feed pumps will not lose prime because they are self priming. Pumps may operate at pressures up to 100 psi, and may be mounted vertically or horizontally. Tube lubrication is not required.

Models

| Part Number | Type | Model | GPD | PSI | Voltage | Injection Check | Tubing (Suction & Discharge) | Ship Wt. |
|-----------------|--------|-------|-----|-----|-----------|-----------------|------------------------------|----------|
| T55-45MHP2 | Single | 45 | 3 | 100 | 120v/60hz | TT55-UCDBINJ | 1/4" | 8 |
| T55-45MHP10 | Single | 45 | 10 | 100 | 120v/60hz | TT55-UCDBINJ | 1/4" | 8 |
| T55-45MHP10-220 | Single | 45 | 10 | 100 | 220v/60hz | TT55-UCDBINJ | 1/4" | 8 |
| T55-45MHP17 | Single | 85 | 17 | 100 | 120v/60hz | TT55-UCDBINJ | 1/4" | 8 |
| T55-45MHP40 | Single | 85 | 40 | 100 | 120v/60hz | TT55-UCDBINJ | 1/4" | 8 |
| T55-100DMHP20 | Double | 100 | 20 | 100 | 120v/60hz | TT55-UCDBINJ | 1/4" | 9 |
| T55-100DMHP34 | Double | 170 | 34 | 100 | 120v/60hz | TT55-UCDBINJ | 1/4" | 9 |

Parts

| Part Number | Description | Number Per Package |
|-------------|---------------------------------------|--------------------|
| T55-UCCP201 | Replacement tube #1 | 2 |
| T55-UCCP202 | Replacement tube #1 | 2 |
| T55-UCDBINJ | Injection check valve for 1/4" tubing | 1 |
| T55-UC3ASYD | Roller assembly | 1 |
| T55-VCTH2D | Tube housing complete 45-2 | 1 |

Flow-Pro® Chemical Feed Pumps

Features & Benefits

- Dual output control for easy & accurate adjustment.
- Turn-down ratio (500:1) provides excellent flexibility.
- 6 - 30 GPD maximum output at 80 psi.
- Quiet operation for residential or commercial use.
- Totally enclosed construction for chemical resistance and suitability for outdoor installation.



Standard Models

| Model No | GPD | | GPH | | Liters Per Hour | | ml / cc Per Min. | | Electrical (w / plug) | Amps | Ship Wt. |
|-----------|------|------|-------|------|-----------------|------|------------------|------|-----------------------|------|----------|
| | Min. | Max. | Min. | Max. | Min. | Max. | Min. | Max. | | | |
| FP-DCP-12 | 0.04 | 12 | 0.002 | 0.5 | 0.006 | 1.9 | 0.11 | 32 | 120 VAC | 1.4 | 8 lbs. |
| FP-DCP-30 | 0.06 | 30 | 0.003 | 1.25 | 0.01 | 4.7 | 0.16 | 79 | 120 VAC | 1.4 | 8 lbs. |

*Plug not suitable for export. Maximum injection pressure is 80 psi (5.5 bar) for all models.

Note: Replacement repair kit #T40SP-281.