

# CHEMICAL FEED SYSTEM PRODUCT GUIDE

## STANDARD UNITS INCLUDE:

- Tank, cover\*, Structural Base.
  - Single Model V-10 positive displacement pump with 5/8" diameter stainless steel piston.
  - 1/3 HP TEFC gear head motor, 60RPM, 120/1/60.
  - Strainer and Shutoff valve in suction piping.
  - Relief valve and piping for discharge.
  - Direct drive agitator with ¼ HP TENV motor 1725 RPM, 120/1/60.
- \*Hinged lid on steel tanks, removable cover on polyethylene tanks.

## TANK MATERIALS AVAILABLE:

- Model HCS Carbon Steel (10 gauge)
- Model P Polyethylene
- Model OP Overpack (Polyethylene lined Steel tank)
- Model SS Stainless Steel

## Cleaver-Brooks Model V-10 Piston Pump and Motor:

The V-10 pump is a positive displacement type with 120/1/60 TEFC motor and gearhead reducer, double stainless steel check valve and balls, 5/8" stainless steel piston

## Model Number Description: 50-P-1-V-10

- 50 gallon tank capacity
- Polyethylene tank material
- One pump and motor set
- Model V-10 pump

All units are factory assembled.

**STANDARD CHEMICAL FEED PACKAGES WITH V-10 PISTON PUMPS**

Model	Cap Gal	Material	Ship Wgt
55-OP-1-V-10	55	Overpack	175
50-HCS-1-V-10	50	10 Ga. Carbon Stl.	175
100-HCS-1-V-10	100	10 Ga. Carbon Stl.	275
150-HCS-1-V-10	150	10 Ga. Carbon Stl.	375
200-HCS-1-V-10	200	10 Ga. Carbon Stl.	475
30-P-1-V-10	30	Polyethylene	125
55-P-1-V-10	55	Polyethylene	175
100-P-1-V-10	100	Polyethylene	225
150-P-1-V-10	150	Polyethylene	250
200-P-1-V-10	200	Polyethylene	275
50-SS-1-V-10	50	10 Ga. 304 SS	175
100-SS-1-V-10	100	10 Ga. 304 SS	275
150-SS-1-V-10	150	10 Ga. 304 SS	375
200-SS-1-V-10	200	10 Ga. 304 SS	475

**SPECIAL PUMPS, MOTORS, AND ACCESSORIES**

Dual - 2 Motors, 2 Pumps

Triple - 3 Motors, 3 Pumps

**SPECIAL MOTORS**

TEFC pump motor 240/480V 3ph 60 hz

TEFC pump 115 or 230 V 1ph 50/60 hz

1/2 HP EPFC pump motor 120 or 240 V 1ph 60 hz

**SPECIAL AGITATORS**

276 RPM 1/3 HP 120V 1ph 60Hz TEFC with 9" prop

276 RPM 230/460V 3ph 60 Hz TEFC with 9" prop

1725 RPM 1/4 HP EPFC 230/460/3ph motor

TENV agitator 230/460V 3ph 60 hz

1/4 EPFC agitator motor 120 or 240V 1ph 60hz

If agitator not required deduct applies

**MISCELLANEOUS OPTIONS TO STANDARD PACKAGED SYSTEMS**

- Dissolving Basket 1/5 cu. Ft
- \*Low level cutoff and alarm 115V
- 304 S.S. Injection nozzle
- Electric solenoid valve 1/4" 3 way
- Timer - (Contact PWS)
- Floating cover Styrofoam
- Stainless Steel hinge on polyethylene lid
- All 316 Stainless Steel Suction piping
- \*Only for units without control panels

**NEMA 12 CONTROL PANELS (FOR 30 GALLON TANKS CONTACT MILWAUKEE SALES)**

- Simplex one ON/OFF switch for mixer one HOA switch for pump with 2 running lights (14x12x6)
- Simplex above plus audio and visual alarm (14x12x6)
- Dual one ON/OFF switch for mixer two HOA switches for pump with 3 running lights (14x12x6)
- Dual above plus audio and visual alarm (20x16x7)
- Triple one ON/OFF switch for mixer three HOA switches for pump with 4 running lights (20x16x7)
- Triple above plus audio and visual alarm (24x20x7)

**Shot Feeders**

Model No. Acc	Capacity (Gallons)	Weight (Lbs.)		Volume Cu. Ft.
		125 PSIG	300 PSIG	
SF .75	3/4	21	25	0.2
SF 1	1	29	25	0.38
SF 1.5	1 1/2	35	40	0.49
SF 2	2	40	46	1.11
SF 2.5	2 1/2	45	49	1.2
SF 5	5	80	90	2.03
SF 10	10	150	205	2.84
SF 25	25	320	350	9

Standard Unit includes:

- A. Tank
- B. Funnel
- C. Inlet Valve
- D. Outlet Valve
- E. Sample Valve
- F. Screwed Connections

***Bypass Feeders***

<b>Model No.</b>	<b>Capacity</b>	<b>Weight</b>	<b>Volume</b>
<b>Acc.</b>	<b>(Gallons)</b>	<b>(Lbs.)</b>	<b>Cu. Ft.</b>
BPF .75	¾	25	0.43
BPF 1	1	34	0.56
BPF 1.5	1 ½	39	0.65
BPF 2	2	44	1.07
BPF 2.5	2 ½	49	1.15
BPF 5	5	90	1.97
BPF 10	10	160	2.8
BPF 25	25	330	2.8

Standard Unit includes:

- A. Tank
- B. Funnel
- C. Funnel
- D. Sight glass with guards and valves
- E. Flow control valve
- F. Inlet and Outlet Valve
- G. Air Vent
- H. Sample Valve
- I. Screwed Connections

NOTES:

1. Feeders 5 gallons and larger include three (3) 12" support legs.
2. When ordering, specify Model No. and PSIG rating.
3. All units are shipped Berea, Ohio.