



GFPP FILTER SYSTEMS

BASKET STRAINERS

PRIMMING CHAMBERS

BUTTERFLY VALVES

DAMPER VALVES

TOWER PACKING

GAUGE SAVERS

EDUCTORS





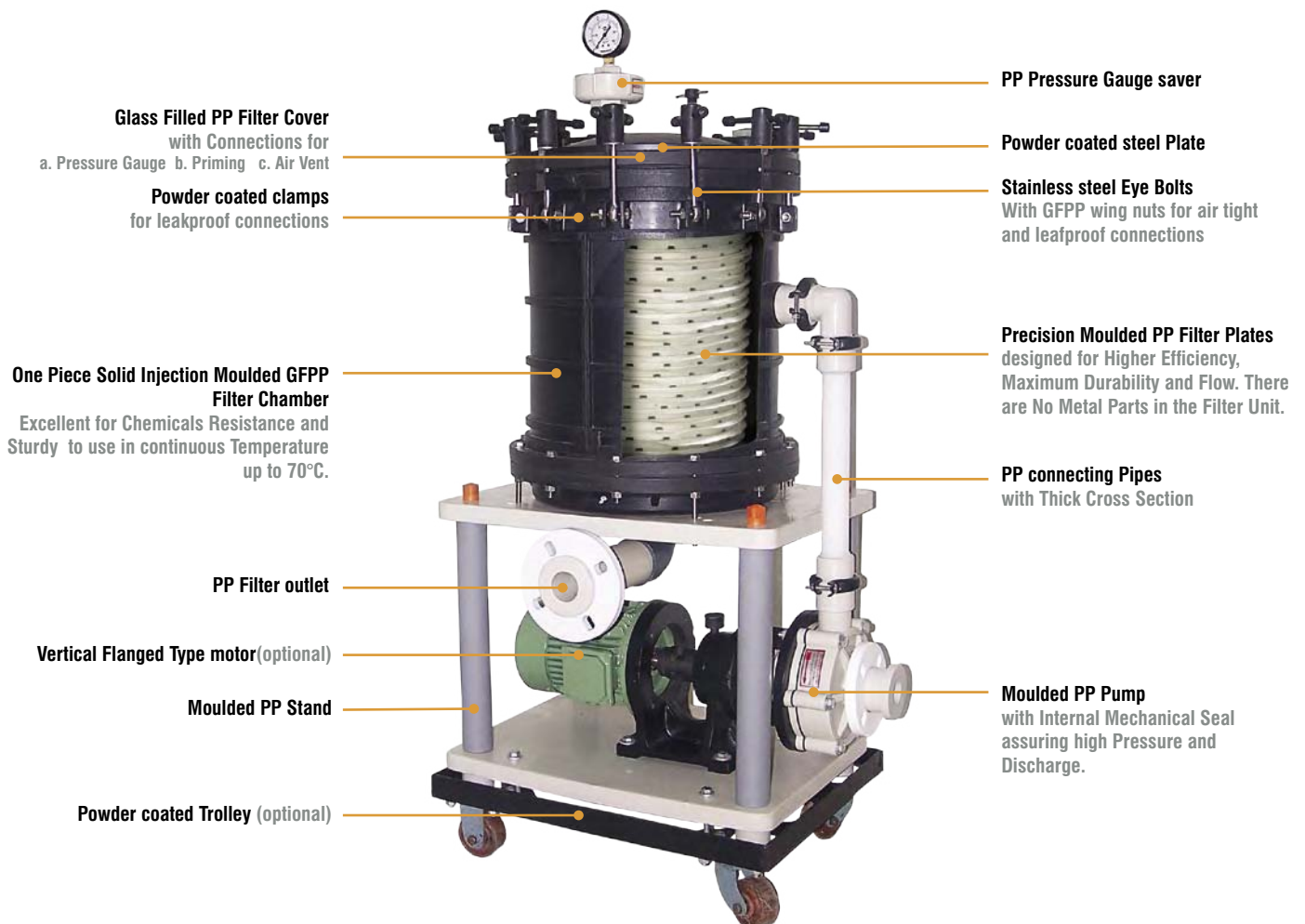
INTRODUCTION

In Electroplating, it is necessary that certain corrosive Chemicals in the electroplating bath are required to be continuously agitated or operated at high current densities. In such cases, solid particles remain suspended rather than settle at the bottom. These suspended particles cause roughness in plating.

In order to remove these suspended particles, continuous filtration of the bath is necessary which is done by Plate Filtration Systems.

DiaFlow offers a range of Plate & Cartridge Filtration Systems engineered to provide absolute and economical removal of suspended solid or organic impurities from corrosive chemicals.

DiaFlow make Filter Systems are provided with reusable PP Filter Cloth along with Filter Paper. Filter Units are also available with PP Filter Cartridges.



GFPP PLATES FILTRATION SYSTEMS FOR CORROSIVE CHEMICALS



EXCELLENT | EFFICIENT | ECONOMICAL



PFU 200 GF



PFU 200 GF DUPLEX*



PFU 200 GF with diaphragm pump

*Available in series & parallel systems

TECHNICAL SPECS: PLATES FILTER UNITS

Filter Models	PFU 200 GF	PFU 200 GF DUPLEX
MOC Chamber	Moulded GFPP	Moulded GFPP ~ 2 Nos
No. Of Plates In Chamber Each	17	17 + 17
Dia. Of Plates	204 mm	204 mm
MOC Plates	PP	PP
Area Of Filter	0.6 Sq M	1.2 Sq M
Filter Rate	5,000 To 6,000 Lit/Hr	10,000 To 12,000 Lit/Hr
Particle Size	5 To 10 Microns	5 To 10 Microns
Max. Operating Temp.	70°C	70°C
Max Capacity	6,000 Lit/Hr	12,000 Lit/Hr
Max. Pressure	1.8 kg/Cm ²	2.2 kg/Cm ²
Pump Model	PCB 25	PCB 40
Pump Suction/Discharge	1"(25mm) * 1"(25mm)	1.5"(40mm) * 1"(25mm)
Motor Type Recommended	1 hp/2900 Rpm Vertical Flanged	2 hp/2900 Rpm Vertical Flanged



GFPP PLATES FILTERATION SYSTEMS FOR CORROSIVE CHEMICALS

EXCELLENT | EFFICIENT | ECONOMICAL



PFU 300 GF



PFU 300 GF DUPLEX*



PFU 300 GF with diaphragm pump

*Available in series & parallel systems

TECHNICAL SPECS: PLATES FILTER UNITS

Filter Models	PFU 300 GF	PFU 300 GF Duplex
MOC - Chamber	Moulded GFPP	Moulded GFPP ~ 2 Nos
No. Of Plates In Chamber Each	20	20 + 20
Dia. Of Plates	304 mm	304 mm
MOC - Plates	PP	PP
Area Of Filter	1.48 Sq M	3.0 Sq M
Filter Rate	10,000 To 12,000 Lit/Hr	20,000 To 24,000 Lit/Hr
Particle Size	5 To 10 Microns	5 To 10 Microns
Max. Operating Temp.	70 °C	70 °C
Max Capacity	12,000 Lit/Hr	24,000 Lit/Hr
Max. Pressure	2.2kg/Cm ²	2.2kg/Cm ²
Pump Model	PCB 40	PCB 50
Pump Suction/Discharge	1.5" (40mm) * 1" (25mm)	2" (50mm) * 1.5" (40mm)
Motor Type Recommended	2 Hp/2900 Rpm Vertical Flanged	3 hp/2900 Rpm Vertical Flanged

GFPP CARTRIDGE FILTRATION SYSTEMS FOR CORROSIVE CHEMICALS



EXCELLENT | EFFICIENT | ECONOMICAL



CFU 200 GF



CFU 200 GF Duplex*

*Available in series & parallel systems

TECHNICAL SPECS: CARTRIDGE FILTER UNITS

Filter Models	CFU 200 GF	CFU 200 GF Duplex
MOC - Chamber	Moulded GFPP	Moulded GFPP ~ 2 Nos
No. Of Cartridges In Chamber Each	5	5 + 5
Length Of Plates	10"	10"
MOC - Plates	PP Wound	PP Wound
Area Of Filter	0.6 Sq M	1.2 Sq
Filter Rate	5,000 To 6,000 Lit/Hr	10,000 To 12,000 Lit/Hr
Particle Size	5 To 10 Microns	5 To 10 Microns
Max. Operating Temp.	70°C	70°C
Max Capacity	6,000 Lit/Hr	12,000 Lit/Hr
Max. Pressure	1.8kg/Cm ²	1.8kg/Cm ²
Pump Model	PCB 25	PCB 40
Pump Suction/Discharge	1"(25mm) * 1"(25mm)	1.5"(40mm) * 1"(25mm)
Motor Type Recommended	1 hp/2900 Rpm Vertical Flanged	2 hp/2900 Rpm Vertical Flanged



GFPP CARTRIDGE FILTRATION SYSTEMS FOR CORROSIVE CHEMICALS

EXCELLENT | EFFICIENT | ECONOMICAL



CFU 300 GF



CFU 300 GF Duplex

TECHNICAL SPECS: CARTRIDGE FILTER UNITS

Filter Models	CFU 300 GF	CFU 300 GF Duplex
MOC - Chamber	Moulded GFPP	Moulded GFPP ~ 2 Nos
No. Of Cartridges In Chamber Each	11	11 + 11
Length Of Cartridges	20"	20"
MOC - Plates	PP Wound	PP Wound
Area Of Filter	0.6 Sq M	0.6 Sq M * 2
Filter Rate	8,000 To 10,000 Lit/Hr	16,000 To 20,000 Lit/Hr
Particle Size	5 To 10 Microns	5 To 10 Microns
Max. Operating Temp.	70°C	70°C
Max Capacity	10,000 Lit/Hr	20,000 Lit/Hr
Max. Pressure	2.2 kg/Cm ²	2.2 kg/Cm ²
Pump Model	PCB 40	PCB 50
Pump Suction/Discharge	1"(25mm) * 1"(25mm)	2"(50mm) * 1.5"(40mm)
Motor Type Recommended	2 hp/2900 Rpm Vertical Flanged	3 hp/2900 Rpm Vertical Flanged

MOULDED PP PUMPS FOR CORROSIVE CHEMICALS



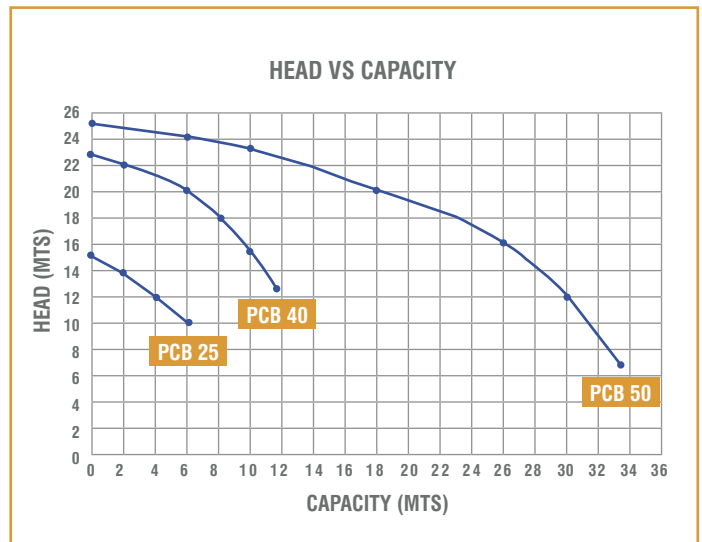
EXCELLENT | EFFICIENT | ECONOMICAL



PCB 40 IMS



DFU 40 CT



TECHNICAL SPECS: PUMPS

Pump Model	PCB 25	PCB 40	PCB 50
MOC Pump	Polypropylene	Polypropylene	Polypropylene
Pump Suction/Discharge	1"(25mm) * 1"(25mm)	1.5"(40mm) * 1"(25mm)	2"(50mm) * 1.5"(40mm)
Impeller	PP/Semi Open	PP/Semi Open	PP/Semi Open
MOC Shaft	SS	SS	SS
Seal	Internal	Internal	Internal
Hp	1 Hp	2 Hp	3 Hp
Rpm	2900	2900	2900
Motor Type	Vertical Flanged Type	Vertical Flanged Type	Vertical Flanged Type
Max Head	16 mts	24 mts	25 mts
Max Capacity	6,000 lts/Hr	10,000 lts/Hr	20,000 lts/Hr



OTHER DIAFLOW PRODUCTS IN MOULDED POLYPROPYLENE



PP BASKET STRAINERS (SMALL)
SIZES AVAILABLE: 1", 1.5", 2", 3" & 4"



PP BASKET STRAINERS (LARGE)
SIZES AVAILABLE: 6" & 8"



PP PRIMING CHAMBERS
SIZES AVAILABLE: 12 lits, 16 lits & 51 lits



PP GAUGE SAVER



DIATEL PP TOWER PACKING



PP BUTTERFLY VALVES
SIZES AVAILABLE: 2", 3", 4", 6" & 8"



PP DAMPER VALVES
SIZES AVAILABLE: 4", 6", 8" & 10"



PP EDUCTORS
SIZES AVAILABLE: 1/4", 3/8", 1/2", 3/4" & 1 1/2"



PP VERTICAL SUBMERSIBLE PUMPS



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