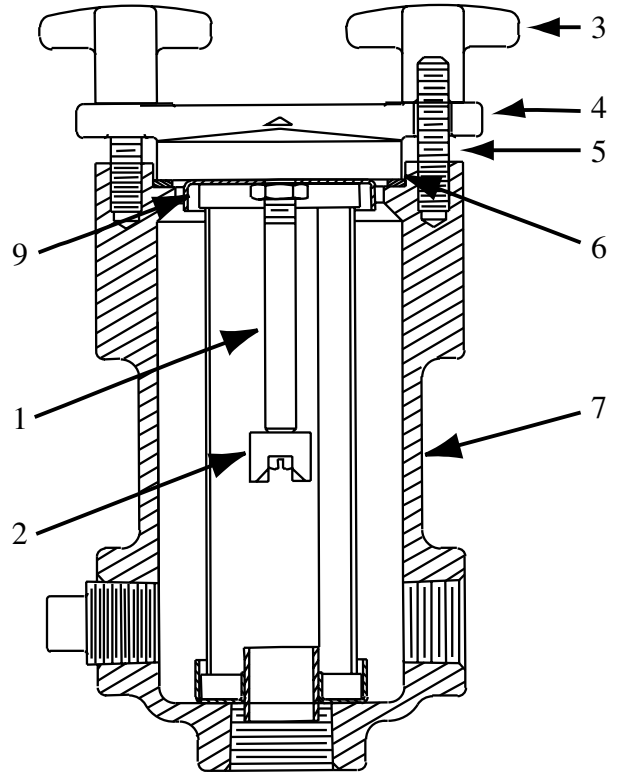


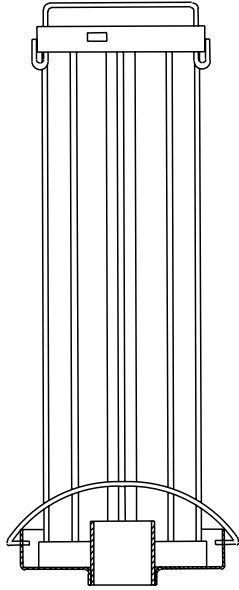
DDPSFST & DDPSFNT SERIES

Smooths ink flow from diaphragm pumps

Eliminates surge and pulsation to smooth diaphragm pump flow. Teflon coated cast aluminum and Stainless Steel construction. Available with choice of 30, 60, 100 or 150 mesh strainer for effective filtration.

| ITEM | PART NUMBER DDPSFST | PART NUMBER DDPSFNT | DESCRIPTION |
|------|------------------------|------------------------|-------------------------|
| 1 | 568-15437-81 | 568-29930-81 | Magnet holder |
| 2 | 769-03534 | 769-08041 | Magnet |
| 3 | 540-14464-11 | 540-30053-11 | Thumb nut |
| 4 | 540-15965-23 | 540-29813-23 | Top cover casting |
| 5 | 568-14373-11 | 568-29931-11 | Short stud |
| 6 | 744-06266 | 744-29933 | Gasket |
| 7 | 540-28711-23 | 540-30056-23 | Pulse dampner body |
| 8 | 751-02550-81 | 751-00582-88 | Machine screw |
| | PV-14001 | PV-14001 | Pinch valve (not shown) |
| 9 | 610-29920-81 | 610-29920-81 | Filter top cup |



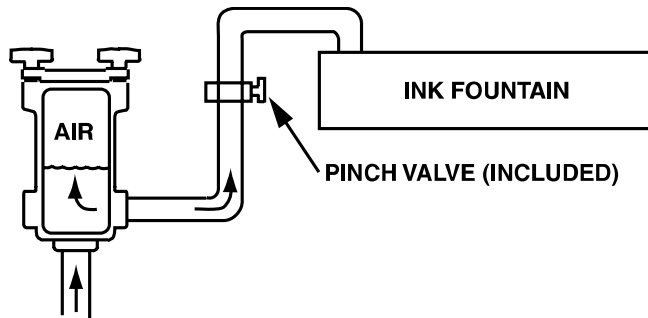


REPLACEMENT CARTRIDGES

Strainers are available in 4 different meshes. The cartridge assembly includes a strainer well as the stainless steel bottom cup and retainer spring. A spare cartridge permits quick changeover to keep the filter in service

| REPLACEMENT CARTRIDGE | FOR DDPSFNT SERIES | FOR DDPSFST SERIES |
|-----------------------|--------------------|--------------------|
| 30 mesh | HFNCT30 | HFCST30 |
| 60 mesh | HFNCT60 | HFCST60 |
| 100 mesh | HFNCT100 | HFCST100 |
| 150 mesh | HFNCT150 | HFCST150 |

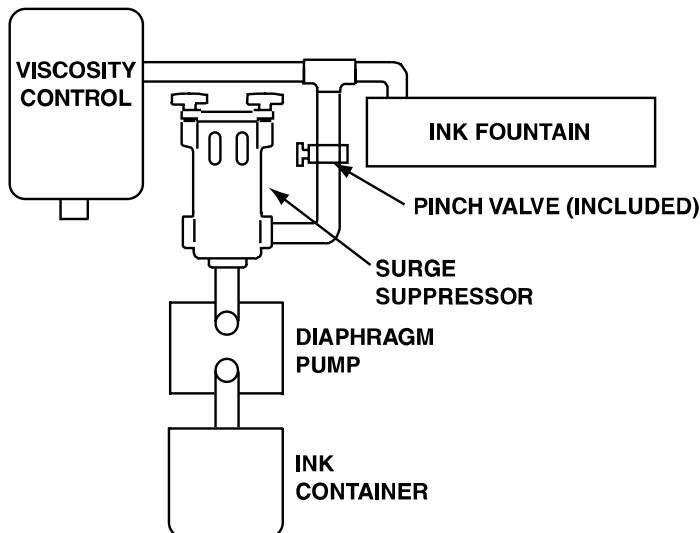
TYPICAL INSTALLATION



Pinch Valve creates back pressure to confine surging to filter/surge chamber.

NOTE: All connections and surge chamber cover must be tight or air may escape, allowing ink to fill the chamber, canceling its effect.

APPLICATION WITH GRAYMILLS VISCOSITY CONTROL



The viscosity control must have smooth ink flow to operate properly. Position the control after the regulating ink flow valve.

The same principle applies when ink is delivered to a second fountain.