



SERIES 'L'
Bulk Resin



SERIES 'S'
Bulk Resin or
Canister



SERIES 'G'
Bulk Resin or
Canister



SERIES 'GR'
Bulk Resin

- **For PRECIOUS METAL RECOVERY**
for maximum capacity

- **Bag Resin Chamber**

- **Canister Resin Chamber**
for convenient refill

- **For PRECIOUS METAL RECOVERY**

These resin systems can recover gold and other metals from plating operations easily and economically. Select the proper resin for gold recovery from acid or cyanide rinse water. Depth of resin column assures good solution contact for maximum metal recovery. Gold is recovered by incinerating the resin. Units have early payback; one cubic foot of resin can retain 70 to 100 troy ounces of gold.

- **For HEAVY METAL REMOVAL/RECOVERY**

Recover heavy metals from metal finishing rinse water and printed circuit board manufacturing. Effluent is suitable for discharge or bath replenishment. Concentrated regenerate can be chemically treated for disposal or possible recovery.

- **For WATER PURIFICATION**

Units provide high quality deionized water when filled with a strong base mixed-bed resin. Product water is low in dissolved solids, CO₂ and silica, with a resistivity of 10 megohms or higher. Resin has built-in resistance color indicator, changing from purple to golden brown to indicate resin exhaustion.

For inline use with existing pressure piping (such as city water) or with separate pump. Applications may be single pass or recirculatory.

Pre-filters are highly recommended to remove suspended solids that decrease resin capacity. Installed in-line upstream of the resin. Must be sized according to dirt load and volume to be treated.

Also the use of a flow control valve is recommended to limit the flow through the resin and provide the most effective change.



All chambers have a CPVC base and cover with EPDM 'O'-Ring. PCL chambers have a translucent PVC shell, PL chambers a PVC shell and CL chambers a CPVC SHELL.

SERIES 'L', 'S', & 'G' for Bulk or Bag Resin

Chambers have 250 micron trap filter screens for bulk resin. Series 'L' chamber have bottom inlet and outlet while Series 'S' and 'G' have top inlet and bottom outlet.

| MODEL | INITIAL FLOW RATE ¹ (GPH) | RESIN CAPACITY (cu. ft.) | CONNECTIONS <i>inlet x outlet</i> | SHIP WEIGHT (lbs) | PRICE CODE NUMBER | | |
|-----------------------------------|---|-----------------------------|--------------------------------------|----------------------|-------------------|-----------|-----------|
| SERIES 'L' CHAMBER | | | | | PCL | | CL |
| CL10CR-3/4 | 30-100 | .05 | 3/4" NPT | 5 | 78-1631 P | | 78-1631 C |
| CL10CR-3/4 | | .10 | x | 7 | 78-1632 P | | 78-1632 C |
| CL30CR-3/4 | | .15 | 3/4" NPT | 9 | 78-1633 P | | 78-1633 C |
| SERIES 'S' CHAMBER | | | | | PCL | PL | CL |
| CL630RS-1 ² | 100-480 | .5 | 3/4" HOSE | 40 | 78-1637 | 78-1637 1 | 78-1637 2 |
| CL640RS-1 | | .7 | x 1" NPT | 50 | 78-1638 | 78-1638 1 | 78-1638 2 |
| SERIES 'G' CHAMBER | | | | | | PL | CL |
| CL1220RSIO-1-1/2-G3A | 300-1200 | 1.2 | 3/4" HOSE | 90 | | 78-1942 P | 78-1942 C |
| CL1230RSIO-1-1/2-G3A ² | | 1.8 | x | 100 | | 78-1943 P | 78-1943 C |
| CL1250RSIO-1-1/2-G3A | | 3.0 | 1-1/2" NPT | 110 | | 78-1945 P | 78-1945 C |

When ordering PCL chamber, change CL to PCL in model number
For PL chamber, change CL to PL.

¹ Flow rates may vary as indicated. The lower value is maximum capacity for the most efficient recovery.

² For bag resin chamber, change RS to RBS in Model No. and add B to Price Code No.



SERIES 'S', & 'G' for Resin Canisters

Chambers have PVC canister with 3 micron trap filters. Series 'S' chambers have a single internal canister while Series 'G' chamber hold three canisters. Connections are bottom inlet and outlet.

| MODEL | INITIAL FLOW RATE ¹ (GPH) | RESIN CAPACITY (cu. ft.) | CONNECTIONS <i>inlet x outlet</i> | SHIP WEIGHT (lbs) | PRICE CODE NUMBER | |
|---------------------------|--------------------------------------|--------------------------|--------------------------------------|-------------------|-------------------|------------|
| SERIES 'S' CHAMBER | | | | | PL | CL |
| CL630RCS-1-G3A | 70-340 | .3 | 1" NPT | 45 | 78-1637 1C | 78-1637 2C |
| CL640RCS-1-G3A | | .5 | | 55 | 78-1638 1C | 78-1638 2C |
| SERIES 'G' CHAMBER | | | | | | |
| CL1220RCSIO-1-1/2-G3A | 150-600 | .9 | 1-1/2" NPT | 40 | 78-1933 P | 78-1933C |
| CL1230RCSIO-1-1/2-G3A | | 1.5 | | 50 | 78-1935 P | 78-1935C |

When ordering PCL chamber, change CL to PL in Model No.

¹ Flow rates may vary as indicated. The lower value is maximum capacity for the most efficient recovery.



SERIES 'GR' CHAMBERS for Bulk Resin

These economical and durable chambers are manufactured from high density polyethylene and fiberglass reinforced for superior strength. One-piece construction is one third the weight of steel and will not corrode or leak. Smaller chambers have molded polypropylene bases. Models GR2472 and GR3072 have heavy duty bases. Chambers are NSF approved. Maximum operating pressure: 150 PSI @ 120

| MODEL/ CONNS. | TANK CAPACITY (cu. ft.) | NOM. DIMENSIONS DIA. x. HEIGHT (inches) | SHIPPING WEIGHT (lbs.) | RESIN CAPACITY ² (lbs.) | | FLOW RATE ³ (GPM) | PRICE CODE NUMBER |
|------------------|-------------------------|---|------------------------|------------------------------------|---------|------------------------------|-------------------|
| | | | | 50% EXP | 20% EXP | | |
| GR1252-3/4 | 2.9 | 12.0 X 52.2 | 27 | 1.5 | 2.3 | 1.5 - 11.5 | 78-1336 |
| GR1354-3/4 | 3.7 | 13.0 X 54.3 | 30 | 1.8 | 3.0 | 1.8 - 15.0 | 78-1337 |
| GR1465-1 | 5.5 | 14.3 x 65.4 | 42 | 2.25 | 4.4 | 2 - 22 | 78-1338 |
| GR1665-1 | 6.5 | 16.0 x 65.4 | 45 | 3.25 | 5.2 | 3 - 25 | 78-1339 |
| GR2472-2 | 10 | 24 x 81.8 | 195 | 5 | 8 | 5 - 40 | 78-1340 |
| GR3072-2 | 15 | 30 x 83.5 | 272 | 7.5 | 12 | 7.5 - 60 | 78-1341 |

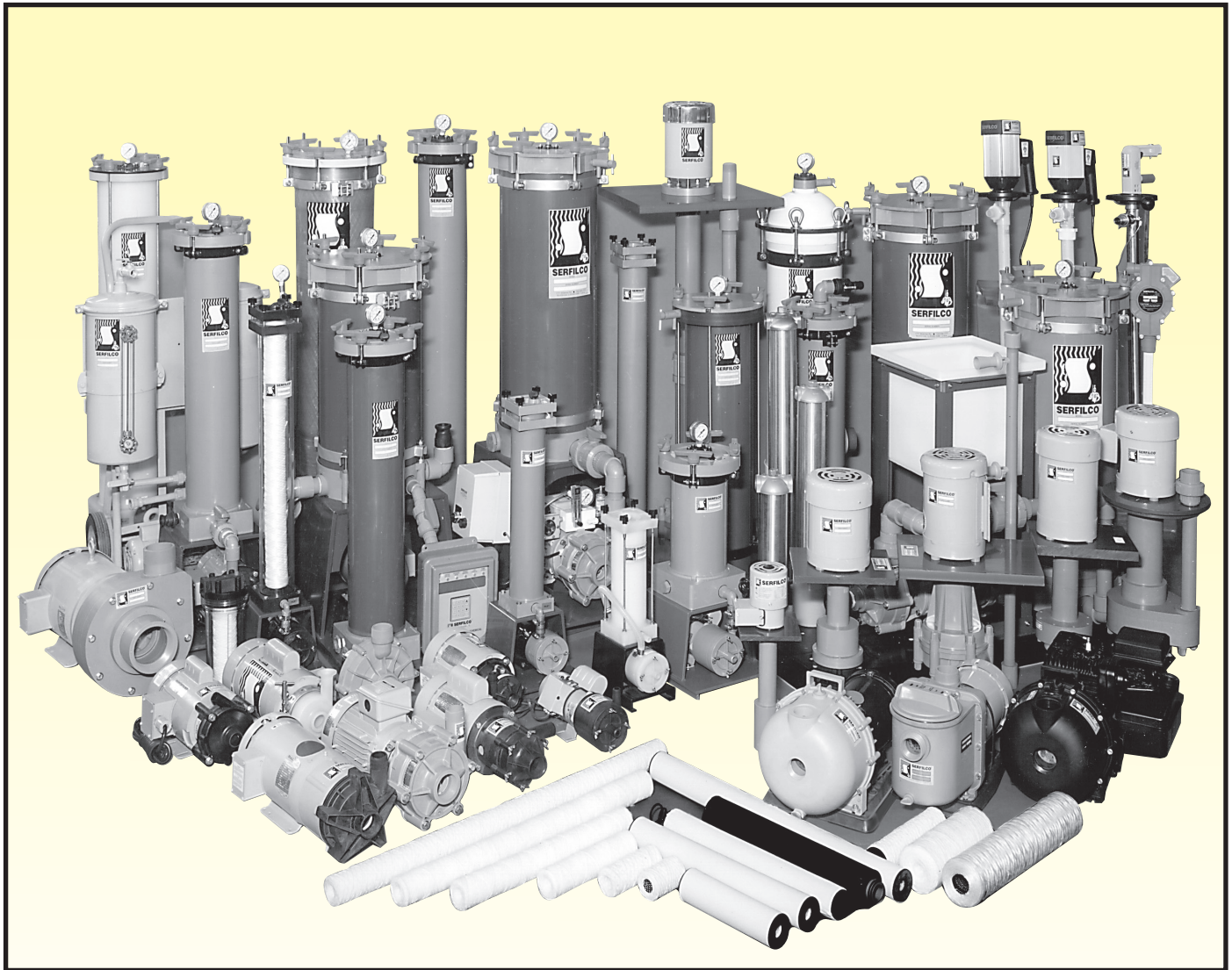
Trap screen: ABS .013" wide slot on all models.

² 50% expansion of bed or backwash / regeneration. See specification sheet for resin to be used. 20% expansion for swelling for non-regeneration system. See individual resin specification sheet.

³ Based on 1 - 5 GPM/cu. ft. of resin. See individual resin specification sheet.

**BULK RESIN MUST BE ORDERED SEPARATELY. SEE BULLETIN R-208.
ALL ION EXCHANGE CHAMBERS / SYSTEMS CAN BE USED WITH GRANULAR CARBON.
SEE BULLETIN R-103 FOR ADDITIONAL CARBON PURIFICATION CHAMBERS.**

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