

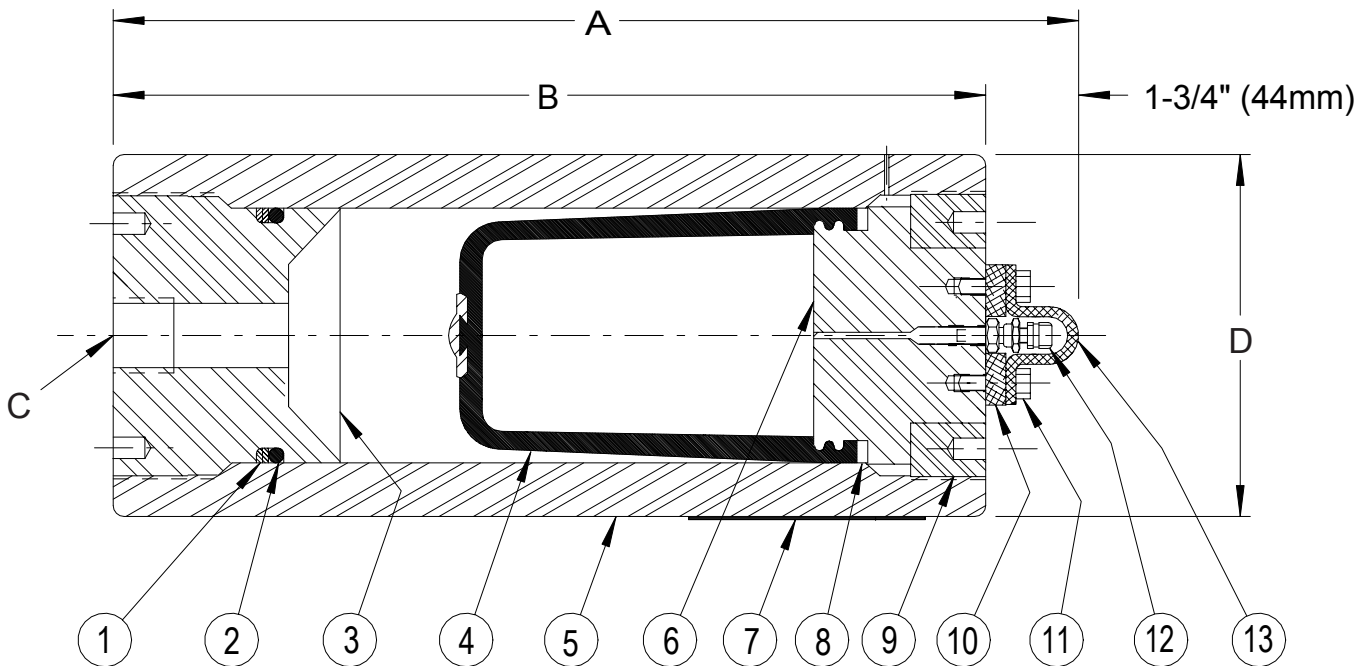
# EBR50 Econolator II

**5,000 PSI (345 Bar)**



| MODEL<br>NUMBER | GAS<br>CAPACITY  |                  | FLUID<br>CAPACITY |        | DRY<br>WEIGHT |     | DIMENSION |     |        |     |                                                                                                    |      |     |
|-----------------|------------------|------------------|-------------------|--------|---------------|-----|-----------|-----|--------|-----|----------------------------------------------------------------------------------------------------|------|-----|
|                 |                  |                  |                   |        |               |     | A         |     | B      |     | C                                                                                                  |      |     |
|                 | In. <sup>3</sup> | Cm. <sup>3</sup> | Gallon            | Liters | Lbs.          | Kg. | In.       | mm. | In.    | mm. |                                                                                                    |      |     |
| EBR50-30        | 29               | 475              | .12               | .45    | 17            | 7.7 | 12.875    | 308 | 10.375 | 264 | SAE-8                                                                                              | 3.5  | 89  |
| EBR50-60        | 58               | 950              | 0.25              | 1      | 52            | 24  | 12.75     | 324 | 11     | 279 | SAE-12 or .75" NPT available as standard<br>To specify .75" NPT, add "P" to end of<br>model number | 5.25 | 133 |
| EBR50-231       | 231              | 3,785            | 1                 | 4      | 104           | 47  | 20.25     | 514 | 18.5   | 470 | SAE-16 or 1" NPT available as standard<br>To specify 1" NPT, add "P" to end of<br>model number     | 6.5  | 165 |

SEE NOTE BELOW



NOTE: "C" FLUID PORT - EBR50-60: 1QUART, SAE-12 or 3/4" NPT available as standard. To specify 3/4" NPT, add "-P" to end of model number. EBR231-231: 1 GALLON, SAE-16 OR 1" NPT available as standard. To specify 1" NPT, add "-P" to end of model number.

## GENERAL DESIGN DATA

|                                           |                 |                 |
|-------------------------------------------|-----------------|-----------------|
| MAXIMUM WORKING PRESSURE .....            | 5,000 PSI       | (345 Bar)       |
| MAXIMUM PROOF PRESSURE.....               | 7,500 PSI       | (517 Bar)       |
| MINIMUM BURST PRESSURE.....               | 20,000 PSI      | (1,380 Bar)     |
| OPERATING TEMPERATURE (Buna/Nitrile)..... | -20° TO +200° F | (-28° to 93° C) |

BLADDER FOR PETROLEUM BASE OIL.

EBR50 R1P1 0609

| ITEM NO. | PART NO.        | NAME OF PART                       | NO. REQ'D |
|----------|-----------------|------------------------------------|-----------|
| 1        | EBR-231-44-125T | Ring-Back Up-1 Gallon-4 L          | 1         |
|          | 4.7A30-125T     | Ring-Back Up-.25 Gallon - 1 L      |           |
| 2        | 40-6N462        | Ring-End Cap Seal-1 Gallon-4 L     | 1         |
|          | 40-6N375        | Ring-End Cap Seal-.25 Gallon - 1 L |           |
| 3        | EBR50-231-44    | Cap-Oil End-1 Gallon-4 L           | 1         |
|          | EBR50-60-44     | Cap-Oil End-.25 Gallon - 1 L       |           |
| 4        | SB-1247-231-B*  | Bladder-1 Gallon-4 L               | 1         |
|          | SB-1247-60-B*   | Bladder-.25 Gallon - 1 L           |           |
| 5        | EBR50-654-231   | Cylinder-1 Gallon-4 L              | 1         |
|          | EBR50-654-60    | Cylinder-.25 Gallon - 1 L          |           |
| 6        | EBR50-231-43    | Cap-Gas End-1 Gallon-4 L           | 1         |
|          | EBR50-60-43     | Cap-Ga End-.25 Gallon - 1 L        |           |
| 7        | TB-550T         | Plate Instruction                  | 1         |
| 8        | EBR-231-43-125T | Ring-Back Up-1 Gallon-4 L          | 1         |
|          | EBR-60-43-125T  | Ring-Back Up-.25 Gallon - 1 L      |           |
| 9        | EBR50-231-45    | Ring-Retaining-1 Gallon-4 L        | 1         |
|          | EBR60-60-45     | Ring-Retaining-.25 Gallon - 1 L    |           |
| 10       | 3A-400          | Spacer-Gas Valve Guard             | 1         |
| 11       | 3A-406          | Screw-3/8-16x1-1/4 Lg. Hex Hd.     | 2         |
| 12       | 3A-285H         | Valve-Gas Valve                    | 1         |
| 13       | 3A-754D         | Guard-Gas Valve                    | 1         |

\*BLADDER MATERIAL OPTIONS BUNA-N, VITON, AND EPR