EZ FLOW CONTROL INC.’s Adjustable Choke assemblies and Long Nose Heater Choke assemblies are furnished with Alloy and or Harden Steel Stems and Seats as Standard Trim for Regular or Standard Service. Stainless Steel or Stainless Steel with Tungsten Carbide Trim Sets for Abrasive and or Sour Gas Service are available on request. Positive Choke assemblies are furnished less flow bean. Positive choke assemblies may be converted to Adjustable Choke assemblies by replacing the blanking cap assembly and flow bean with the appropriate adjustable bonnet assembly and seat.

<table>
<thead>
<tr>
<th>EZ FLOW Model</th>
<th>Inlet</th>
<th>Outlet</th>
<th>Working Pressure</th>
<th>Orifice Size</th>
<th>Dimensions A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>E29</td>
<td>2&quot; FLP</td>
<td>2&quot; MLP</td>
<td>2,000</td>
<td>3/4&quot; &amp; 1&quot;</td>
<td>2.38&quot; 5.31&quot; 16.31&quot;</td>
<td></td>
<td></td>
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<tr>
<td>E30</td>
<td>2&quot; FLP</td>
<td>2&quot; MLP</td>
<td>3,000</td>
<td>3/4&quot; &amp; 1&quot;</td>
<td>2.50&quot; 7.44&quot; 22.50&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E263</td>
<td>3&quot; FLP</td>
<td>3&quot; MLP</td>
<td>3,000</td>
<td>2&quot;</td>
<td>4.25&quot; 7.50&quot; 25.00&quot;</td>
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<td></td>
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<table>
<thead>
<tr>
<th>EZ FLOW Model</th>
<th>Inlet</th>
<th>Outlet</th>
<th>Working Pressure</th>
<th>Orifice Size</th>
<th>Dimensions A</th>
<th>B</th>
<th>C</th>
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</thead>
<tbody>
<tr>
<td>EN60</td>
<td>2&quot; FLP</td>
<td>2&quot; MLP</td>
<td>5,000</td>
<td>3/4&quot; &amp; 1&quot;</td>
<td>2.75&quot; 9.00&quot; 23.50&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EFT108</td>
<td>2&quot; FLP</td>
<td>2&quot; MLP</td>
<td>5,000</td>
<td>1&quot; Max</td>
<td>2.75&quot; 9.00&quot; 13.00&quot;</td>
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<td></td>
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</table>

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<tr>
<th>EZ FLOW Model</th>
<th>Inlet</th>
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<th>Working Pressure</th>
<th>Orifice Size</th>
<th>Dimensions A</th>
<th>B</th>
<th>C</th>
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</thead>
<tbody>
<tr>
<td>EFT116A</td>
<td>2-1/16 5m</td>
<td>2&quot; MLP</td>
<td>5,000</td>
<td>3/4&quot; &amp; 1&quot;</td>
<td>6.63&quot; 9.00&quot; 23.50&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EFT116P</td>
<td>2-1/16 5m</td>
<td>2&quot; MLP</td>
<td>5,000</td>
<td>1&quot; Max</td>
<td>6.63&quot; 9.00&quot; 13.50&quot;</td>
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<td></td>
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</tbody>
</table>
The following Flange Chokes are manufactured in Alloy or Stainless Steel bodies. Standard or Stainless –Steel Tungsten– Carbide trim offered. Standard and H2S configurations available.

### ADJUSTABLE CHOKES

<table>
<thead>
<tr>
<th>EZ FLOW Model</th>
<th>Flange Size Inlet &amp; Outlet</th>
<th>Working Pressure</th>
<th>Orifice Size</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN62</td>
<td>2-1/16” 2M</td>
<td>2,000</td>
<td>3/4” &amp; 1”</td>
<td>7.50”</td>
</tr>
<tr>
<td>ET1</td>
<td>2-1/16” 2M</td>
<td>2,000</td>
<td>1” Max</td>
<td>7.50”</td>
</tr>
<tr>
<td></td>
<td>2-1/16” 5M</td>
<td>5,000</td>
<td>3/4” &amp; 1”</td>
<td>7.50”</td>
</tr>
<tr>
<td></td>
<td>2-1/16” 5M</td>
<td>5,000</td>
<td>1” Max</td>
<td>7.50”</td>
</tr>
<tr>
<td>EN62</td>
<td>150 ANSI RF</td>
<td>275</td>
<td>3/4” &amp; 1”</td>
<td>7.50”</td>
</tr>
<tr>
<td>ET1</td>
<td>150 ANSI RF</td>
<td>275</td>
<td>1” Max</td>
<td>7.50”</td>
</tr>
<tr>
<td></td>
<td>300 ANSI RF</td>
<td>720</td>
<td>3/4” &amp; 1”</td>
<td>7.50”</td>
</tr>
<tr>
<td></td>
<td>300 ANSI RF</td>
<td>720</td>
<td>1” Max</td>
<td>7.50”</td>
</tr>
<tr>
<td>EN62</td>
<td>600 ANSI RF</td>
<td>1,440</td>
<td>3/4” &amp; 1”</td>
<td>7.50”</td>
</tr>
<tr>
<td>ET1</td>
<td>600 ANSI RF</td>
<td>1,440</td>
<td>1” Max</td>
<td>7.50”</td>
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</tbody>
</table>

ANSI R.T.J. available on request

### POSITIVE CHOKES

<table>
<thead>
<tr>
<th>EZ FLOW Model</th>
<th>Flange Size Inlet &amp; Outlet</th>
<th>Working Pressure</th>
<th>Orifice Size</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>EJWA</td>
<td>2-1/16” 5M</td>
<td>5,000</td>
<td>3/4” &amp; 1”</td>
<td>7.50”</td>
</tr>
<tr>
<td>EPC</td>
<td>2-1/16” 5M</td>
<td>5,000</td>
<td>1” Max</td>
<td>7.50”</td>
</tr>
<tr>
<td></td>
<td>1-13/16” 10M</td>
<td>10,000</td>
<td>3/4” &amp; 1”</td>
<td>7.50”</td>
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<tr>
<td></td>
<td>1-13/16” 10M</td>
<td>10,000</td>
<td>1” Max</td>
<td>7.50”</td>
</tr>
<tr>
<td>EJWA</td>
<td>2-1/16” 10M</td>
<td>10,000</td>
<td>3/4” &amp; 1”</td>
<td>7.50”</td>
</tr>
<tr>
<td>EPC</td>
<td>2-1/16” 10M</td>
<td>10,000</td>
<td>1” Max</td>
<td>7.50”</td>
</tr>
<tr>
<td></td>
<td>1-13/16” 15M</td>
<td>15,000</td>
<td>3/4” &amp; 1”</td>
<td>7.38”</td>
</tr>
<tr>
<td></td>
<td>1-13/16” 15M</td>
<td>15,000</td>
<td>1” Max</td>
<td>7.38”</td>
</tr>
<tr>
<td>EJWA</td>
<td>2-1/16” 15M</td>
<td>15,000</td>
<td>3/4” &amp; 1”</td>
<td>7.38”</td>
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<tr>
<td>EPC</td>
<td>2-1/16” 15M</td>
<td>15,000</td>
<td>1” Max</td>
<td>7.38”</td>
</tr>
</tbody>
</table>

2” Max orifice chokes are also available with 3” ANSI 150 - ANSI 1500 R.F. or R.T.J.
TYPICAL PARTS ORDERING INFORMATION

ADJUSTABLE CHOKES

TIPS TO ORDER CHOKES
1. Type of Choke - “Positive or Adjustable”
3. Type of Inlet & Outlet Connections, Size and Pressure Rating.
4. Specify Trim Size (Orifice Required)
5. Trim Material - “Alloy Steel, Stainless Steel, Stainless Steel / Tungsten Carbide”
6. Specify Heater Choke if applicable.

Positive Choke assemblies are furnished less Flow Bean.

POSITIVE CHOKES

Typical Threaded Adjustable Choke

Typical Flanged End Positive Choke
FLOW CONTROL PARTS  

CHOKE STEMS & SEATS

TRIM: HARDENED STEEL, STAINLESS-STEEL, STAINLESS STEEL TUNGSTEN-CARBIDE

OIL CENTER TOOL

A—16-3/4"  0-60 / N-60 / FT-116A  E428161 SS/TC
B— 18"    N-62                       E428162 SS/TC
C—14-3/4"  JWA  5m / 10m            E426555 SS/TC
D—19-3/8"  JWA  15m                  E426556 SS/TC

THORNHILL-CRAVER

A—19-5/8"  TC-894  3m / 5m / 10m     E526012 SS/TC
B—24-1/2"  TC-899  5m / 10m HEATER    E526032 SS/TC
C—20-5/8"  TC-2491 15m HEATER        E526042 SS/TC

CAMERON IRON WORKS

A—14-5/8"  H2 1" MAX  3m / 5m / 10m   E626144 SS/TC
B—17-1/8"  H2 1" MAX  15m              E626244 SS/TC

GRAY TOOL COMPANY

A—14"  AB-75 & AB-100  S26836 SS/TC
B— 21" AG HEATER  S26836 SS/TC

GULFCO

AB-75 / 100  AG-75 / 100

STEMS, SEATS & OTHER TRIM SETS FOR O.E.M.'s ARE AVAILABLE ON REQUEST

ALL DIMENSIONS ARE APPROXIMATE

EZFC's PART # ARE FOR 3/4" SS/TC TRIM UNLESS NOTED

EZ FLOW CONTROL INC.  4  512-444-6030
FLOW CONTROL PARTS

POSITIVE FLOW BEANS

TRIM MATERIAL OFFERED:

- CERAMIC
- TUNGSTEN CARBIDE

6" insert Orifice sizes 4/64" — 48/64
6" insert Orifice sizes 4/64" — 128/64"

CHOKE FLOW BEANS available in ALLOY STEEL or STAINLESS STEEL jackets

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OIL CENTER TOOL

**“FC-140”**
EZ # E4530xx AS/CER

---

THORNHILL-CRAVER

**“TC-1017”**
EZ # E5539xx AS/CER

**“TC-1003 P”**
EZ # E5530xx AS/CER

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CAMERON IRON WORKS

**“BIG JOHN 2” MAX”**
EZ # E6532xxx AS/CER

**“BIG JOHN 1” MAX”**
EZ # E6531xxx AS/CER

---

GRAY TOOL COMPANY

**“GRAY 80”**
EZ # E7530xx AS/CER

**“GRAY 40”**
EZ # E7534xx AS/CER

---

GULFCO

**“RB”**
EZ # E7630xx AS/CER

---

NATIONAL SUPPLY

EZ # E7730xx AS/CER

---

Mc EVOY & HUGH ATLAS

**“R”**
EZ # E5630xx AS/CER

ALL DIMENSIONS ARE APPROXIMATE
### EZ FLOW CONTROL's Long Nose Heater Chokes

Available for Sour Service

#### Typical Parts Ordering Information

**Long Nose Heater Choke**

**Diagram of Long Nose Heater Choke Components:**
- Body
- Seat
- Stem
- Seat Gasket
- Stem Nut
- Washer
- Handwheel
- Set Screw
- Indicator
- Bonnet
- Loc
- Thumb Screw
- Packing
- Stem Bearing
- Retainer Ring
- Bonnet Seal
- O-Ring

**Table of Long Nose Heater Chokes**

<table>
<thead>
<tr>
<th>Model</th>
<th>Inlet</th>
<th>Outlet</th>
<th>Working Pressure</th>
<th>Orifice Size</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>E65LHC</td>
<td>2” FLP</td>
<td>2” FLP</td>
<td>6,500</td>
<td>1/2&quot;, 3/4&quot;, 1&quot;</td>
<td>3.25&quot;, 12.25&quot;, 28.50&quot;</td>
</tr>
<tr>
<td>E65SHC</td>
<td>2” SW</td>
<td>2” SW</td>
<td>6,500</td>
<td>1/2&quot;, 3/4&quot;, 1&quot;</td>
<td>3.25&quot;, 12.25&quot;, 28.50&quot;</td>
</tr>
<tr>
<td>E78LHC</td>
<td>2” FLP</td>
<td>2” FLP</td>
<td>7,800</td>
<td>1/2&quot;, 3/4&quot;, 1&quot;</td>
<td>3.25&quot;, 12.25&quot;, 28.50&quot;</td>
</tr>
<tr>
<td>E78SHC</td>
<td>2” SW</td>
<td>2” SW</td>
<td>7,800</td>
<td>1/2&quot;, 3/4&quot;, 1&quot;</td>
<td>3.25&quot;, 12.25&quot;, 28.50&quot;</td>
</tr>
<tr>
<td>E94BHC</td>
<td>2”XX BW</td>
<td>2”XX BW</td>
<td>9,400</td>
<td>1/2&quot;, 3/4&quot;, 1&quot;</td>
<td>5.38&quot;, 12.50&quot;, 30.00&quot;</td>
</tr>
</tbody>
</table>
**EZ FLOW CONTROL** offers our “EZ-TALCO” Adjustable Choke with the following:

**EZ-TALCO ADJUSTABLE CHOKE w/ 2” 1502 HAMMER UNION CONNECTIONS**

**WORKING PRESSURE**
10,000 & 15,000 NSCWP

**END CONNECTIONS**
2” Fig 1502 HAMMER UNION
3” Fig 1502 HAMMER UNION

**ORIFICE SIZE**
3/4” - 2” MAX SSTC

**TRIM MATERIAL**
STAINLESS STEEL w/ TUNGSTEN CARBIDE

---

**EZ-TALCO** Adjustable Choke assembly may be converted to a **EZ-TALCO** Positive Choke assembly by replacing the bonnet assembly and seat with the appropriate blanking cap assembly and flow bean.

**HAMMER UNION FITTINGS & ADAPTERS**

- ELLS
- TEES
- SPACERS & CHOKE SAVER
- LP x UNION ADPTERS
- UNION x FLG ADPTERS

**THREADED FITTINGS & ADAPTERS**

- ELLS
- TEES
- SWAGES
- NIPPLES
- BULL PLUGS

**MUD GUN NOZZLES**

**ALLOY STAINLESS STEEL**

**MUD MIXING NIPPLE**

**MUD GUN NOZZLE**

**EZ FLOW CONTROL** offers Mud Nipples & Nozzles with the following 1” liners:

CERAMIC & TUNGSTEN CARBIDE

Stock 1/4”, 3/8”, 1/2”, 5/8”, & 3/4”
**EZ FLOW CONTROL INC.**

“STANDARD TERMS and CONDITIONS”

**QUOTATIONS:** All quotations, prices, and sales are F.O.B. factory unless otherwise expressly stated in writing. Quotations are for immediate acceptance unless a definite period of time is stated within which acceptance may be made. All prices and discounts, now in effect, or hereafter issued, are subject to change without notice. Requests for quotations on products for export should be sent directly to **EZ FLOW CONTROL, INC.**, P.O. BOX 40656, AUSTIN, TEXAS 78704 USA. Unless otherwise agreed in writing, litherage, wharfage of lading fees, duties, or any other charges at destination are not included in quotations. Counselor’s fees for legalizing invoices, stamping bills of lading, import duty, or other documents required by the laws of any country of destination, are not included in quotation or selling prices. Upon proper written instructions, **EZ FLOW** will attempt to arrange for Consular documents and declaration, as agents of the customer, but **EZ FLOW** assumes no responsibility for any damages, liability, fines, or charges imposed due to errors or incorrect declarations.

**GUARANTEE:** Products of **EZ FLOW** are guaranteed against defects of material and workmanship for one year from date of invoice, provided such products are used normally and within the service and pressure range for which they were manufactured. Claims for a breach of this guarantee shall be limited to replacement, free of charge, of any part or product that proves to be defective in material or workmanship, as deemed by **EZ FLOW**, upon written notice of such defect given in thirty (30) days and return of such item to **EZ FLOW**. Costs of labor, freight, drayage, or other similar charges shall be at the customer’s expense. This warranty is limited in extent to the warranty, if any, which the user receives from the manufacturers of any component parts.

**ALL OTHER WARRANTIES OR LIABILITIES EXPRESSED, IMPLIED, ORAL OR STATUTORY, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY DENIED. In no event shall the company, its agents or employees be liable for injury or damage to any person or property whatsoever or for any special, indirect, secondary, or consequential damage of any nature however arising.**

**PACKING:** **EZ FLOW** endeavors to pack or prepare all shipments so that they will not break, rust, or deteriorate in transit, but does not guarantee against damage. All claims regarding shortages must be made in writing within ten (10) days from receipt of shipment and must be accompanied by the packing list. Shipments may be insured by the customer against damage or loss in transit upon written request, but in such cases **EZ FLOW** acts only as an agent without recourse between the insurance company and the customer and assumes no liability whatsoever.

**DELIVERY:** Delivery date estimate are made as accurately as possible and every effort will be made to meet such delivery target, but **EZ FLOW** will assume no further or implied liability for damages arising from failure to deliver material within the time specified. **EZ FLOW**’s responsibility for risk of loss or damage in transit ceases on delivery any common carrier.

**CANCELLATIONS:** Orders once placed and accepted can be cancelled only with the consent of and upon terms acceptable to **EZ FLOW**. Deposits or prepayments shall be considered liquidated damages at the option of **EZ FLOW**, which shall not, however, be limited to such remedies for any breach or cancellation of an order.

**RETURN OF MATERIAL:** Merchandise may be returned for credit or adjustment only with **EZ FLOW**’s written permission. Items manufactured of special design, size, or material will not be accepted for credit, however, nor will cancellation of such orders be accepted, without full compensation to **EZ FLOW** for all expenses incurred after such orders are in production. Products classified by **EZ FLOW**, as special design or those not conforming to our standard line, are not accepted for credit. Merchandise approved for return will be subject to our inspection and to a charge for reconditioning and restocking, and merchandise credit only will be issued based on the net purchased invoice price less freight charges.

**TERMS OF PAYMENT:** Unless otherwise specified, all invoices are due net thirty (30) days from date of invoice. No orders shall be considered as accepted by the company until approved through **EZ FLOW**’s office.

**FREIGHT CHARGES AND ALLOWANCES:** All freight is shipped FOB **EZ FLOW** Facility unless agreed upon in writing by **EZ FLOW** and customer.

**CHANGE OF DESIGN:** **EZ FLOW** reserves the right to change or modify the design or construction of any product or the manufacturing process thereof produced by **EZ FLOW** without notice to customer and without any obligation to furnish or install such changes or modifications on products previously or subsequently sold.

**TAXES:** The purchaser shall pay any tax or other charge imposed by law on the sale or production of goods.