

# SALES & ENGINEERING DATA

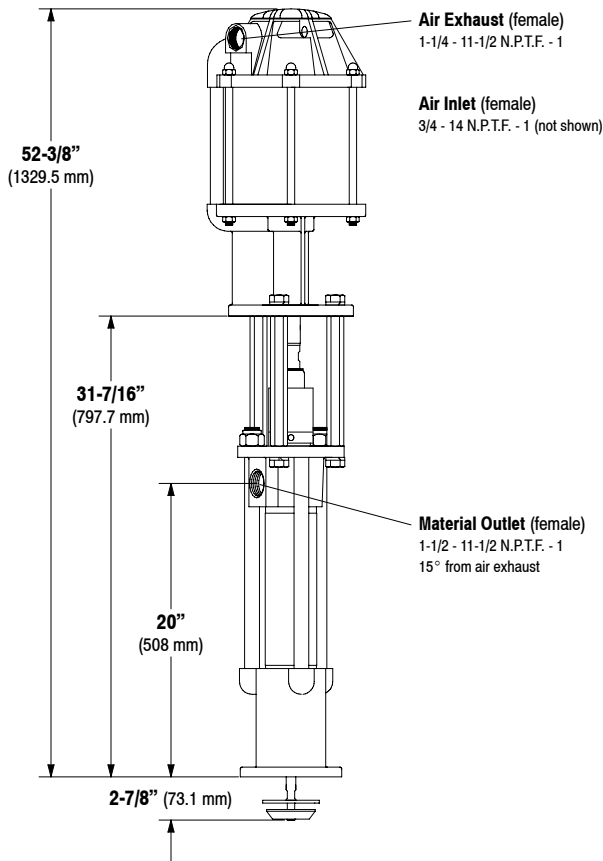
## 650871-XXE-C EXTRUSION PUMP

RATIO  
SERIES: **13:1**

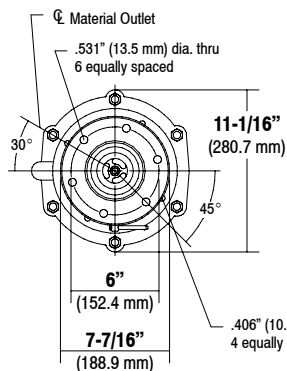
FLUID P.S.I.  
RANGE: **390 - 1900**

RELEASED: 9-27-01  
REVISED: 5-26-10  
(REV. 02) S-1019

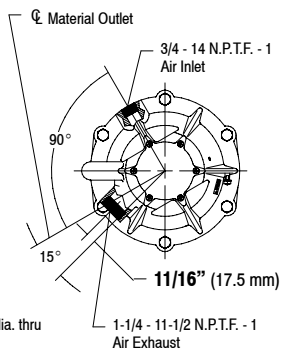
### DIMENSIONAL DATA



#### BOTTOM VIEW



#### TOP VIEW



NOTE: Dimensions are shown in inches and (mm), supplied for reference only and are typically rounded up to the nearest 1/16 inch.

### SPECIFICATIONS

#### CONSTRUCTION

|                                             |                                             |
|---------------------------------------------|---------------------------------------------|
| <b>Model Series</b> (refer to option chart) | 650871-XXE-C                                |
| <b>Pump Type</b>                            | Air Operated, Extrusion, Double Acting Pump |
| <b>Ratio</b>                                | 13:1                                        |
| <b>Air Motor</b>                            | 66523-B                                     |
| <b>Motor Repair Kit</b>                     | 66614                                       |
| <b>Motor Diameter</b>                       | 8" (203.2 mm)                               |
| <b>Stroke</b>                               | 6" (152.4 mm)                               |
| <b>Air Inlet (female)</b>                   | 3/4 - 14 N.P.T.F. - 1                       |
| <b>Air Exhaust (female)</b>                 | 1-1/4 - 11-1/2 N.P.T.F. - 1                 |
| <b>Lower Pump End Series</b>                | 66236-XXE-B                                 |
| <b>Lower Pump Repair Kit</b>                | 637128-XX4-B                                |
| <b>Packing Options:</b>                     |                                             |

|                                                                           |
|---------------------------------------------------------------------------|
| 3 - Glass Filled PTFE                                                     |
| C - UHMW-PE                                                               |
| F - UHMW-PE / Leather staggered upper • UHMW-PE lower                     |
| J - Polyurethane upper • UHMW-PE lower                                    |
| P - UHMW-PE / Glass Filled PTFE staggered upper • UHMW-PE lower           |
| R - Glass Filled PTFE / UHMW-PE staggered upper • Glass Filled PTFE lower |

**Material Outlet (female)** 1-1/2 - 11-1/2 N.P.T.F. - 1

#### MATERIALS OF CONSTRUCTION

|                    |                               |
|--------------------|-------------------------------|
| <b>Outlet Body</b> | Ductile Iron, E Nickel plated |
| <b>Cylinder</b>    | Carbon Steel, Nickel plated   |
| <b>Plunger</b>     | Carbon Steel, Chrome plated   |
| <b>Upper Check</b> | 440 Stainless Steel           |
| <b>Upper Seat</b>  | 440 Stainless Steel           |
| <b>Lower Check</b> | 440 Stainless Steel           |
| <b>Lower Seat</b>  | 440 Stainless Steel           |
| <b>Inlet Body</b>  | Malleable Iron, Nickel plated |
| <b>Weight</b>      | 125.5 lbs (56.9 kgs)          |

#### PERFORMANCE

|                                              |                                      |
|----------------------------------------------|--------------------------------------|
| <b>Air Inlet Pressure Range</b>              | 30 - 120 p.s.i. (2.1 - 8.3 bar)      |
| <b>Fluid Pressure Range</b>                  | 390 - 1900 p.s.i. (26.9 - 131.0 bar) |
| <b>Maximum Rec'd Cycles / Minute</b>         | 70                                   |
| <b>Displacement In<sup>3</sup> Per Cycle</b> | 40.4                                 |
| <b>Volume / Cycle</b>                        | 22.4 oz. (661.8 ml)                  |
| <b>Cycles Per Gallon</b>                     | 5.7                                  |
| <b>Flow @ 70 Cycles / Minute</b>             | 12.2 g.p.m. (46.3 l.p.m.)            |
| <b>Noise Level @ 60 p.s.i. - 40 c.p.m.</b>   | 89.8 db(A) ①                         |

① Tested with 92460 Muffler installed. The pump sound pressure level has been updated to an Equivalent Continuous Sound Level (L<sub>Aeq</sub>) to meet the intent of ANSI S1.13-1971, CAGI-PNEUROP S5.1 using four microphone locations.

#### ACCESSORIES:

66542 Wall Mount Bracket  
67187-1 Mounting Post  
92460 Silencer

**airpumping.co.uk**

est. 1979

Unit 16, Upminster Trading Park, Warley St, Upminster, Essex, RM14 3PJ, ENGLAND

**ARO**

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## PERFORMANCE CURVES

