

### Universal I Series Pumps Rotary Positive Displacement Pumps





# Setting the standard of performance for the sanitary industry for over 50 years.

For more than half a century, Waukesha Cherry-Burrell has been a leader in the design, manufacturing and application of external circumferential piston (ECP) style, rotary positive displacement pumps. Waukesha Cherry-Burrell PD pumps are in service around the world in food, dairy, canning, bakery, beverage and pharmaceutical processing, as well as difficult chemical and industrial applications. Users of Waukesha Cherry-Burrell PD pumps benefit from decades of continuing product improvement. Steady advances in design, metallurgy and fabrication techniques have vielded progressively higher levels of performance and service life.



#### **Sanitation features**

- 316 stainless steel body, cover, and shaft.
- Easy disassembly for COP cleaning.
- Elastomers that comply with FDA requirements.
- Aseptic models available.
- Meets 3A sanitary standards.

#### Long-life features

- Up to 200 (13.8 bar) psi pressure capability.\*
- No bearings in product zone.
- Heavy duty bearing frame with large diameter shafts.
- Grease lubed bearings for positive lubrication of all bearing over entire speed, temperature and pressure range.
- Exclusive, non-galling Waukesha "88" alloy rotors standard; permits running at tighter clearances and pumping a wide range of viscosities.
- Remanufacturing and Inspect and Advise programs to extend life and reduce costs.

#### **Available options**

\*High strength 17-4 PH shafts and hex cover nuts for higher pressure applications.

- Stainless steel gear case.
- Stainless steel bearing retainers.
- Bearing isolators protect bearings from contamination.
- Body retaining screws.
- Steel-It paint.
- Single wing rotors for minimum damage of particulates.
- Jacketed or vented covers.
- Rectangular flange inlet for high viscosity products
- Tru-Fit<sup>™</sup> close coupled pump design.



Shown with optional stainless steel gearcase

### Installation flexibility

- **Bi-directional flow.** Rotors, locked with double jam nuts, rotate securely in either direction. No flow direction/shaft position specifications.
- Versatile 3-Way mounting of gear case, including vertical alignment of ports.
- Upper or lower shaft position.
- Easy to install or convert single O-ring to mechanical seals.
- Interchangeable installation dimensions with Universal II and Universal Lobe PD pumps.



#### Typical product applications

#### Bakery

Batters Flavorings Frostings Fruit Fillings Fats & Oils Sweeteners Yeast Slurry

#### Beverage

Beer, Wort, Yeast Soft Drinks Juice Fruit Concentrates Fruit Drinks Wine High Fructose Corn Syrups (HFCS)

#### Canning

Baby Foods, Soups, Stews Tomato Paste/Sauces Fruit Puree Vegetables, Diced, Slurries Puddings, Jams, Jellies Salad Dressings, Mayonnaise

#### Confectionery

Syrups Cream Fillings Chocolate

#### Cosmetics

Face Creams & Lotions Hair Styling Gels & Liquids Essential Oils Dyes & Alcohols Shampoos

#### Dairy

Cream, Milk, Butter Cheese Curd & Whey Cottage Cheese Yogurt

#### Meat Packing

Meat-Emulsions Ground Meats Pet Foods Ruffle & Caul Fat Mechanically Deboned Meat (MDM)

#### Pharmaceutical/Health Care

Pill Pastes Syrups Extracts Emulsions Slurries Tooth Paste

#### Aseptic

Tomato Pastes Puddings

### **Specifications**

**Universal I Models** 

| MODEL   | DISPLACEMENT PER<br>REVOLUTION | NOMINAL<br>CAPACITY*<br>TO         | INLET/<br>OUTLET          | OP-<br>TIONAL<br>INLET/<br>OUTLET | PRESSURE<br>RANGE<br>UP TO** | MAXIMUM<br>RPM | TEMP<br>RANGE** |
|---------|--------------------------------|------------------------------------|---------------------------|-----------------------------------|------------------------------|----------------|-----------------|
| 006-U1  | .0082 GAL. (.031 LITER)        | 6 GPM (1.3 m³/hr.)                 | 1"                        | 1 <sup>1/2</sup> "                | 200 PSI (13.8 bar)           | 800            |                 |
| 015-U1  | .0142 GAL. (.054 LITER)        | 9 GPM (2.0 m³/hr.)                 | 1 <sup>1/2</sup> "        |                                   | 200 PSI (13.8 bar)           | 700            |                 |
| 018-U1  | .029 GAL. (.110 LITER)         | 17 GPM (3.8 m³/hr.)                | 1 <sup>1/2</sup> "        | 2"                                | 200 PSI (13.8 bar)           | 600            |                 |
| 030-U1  | .060 GAL. (.227 LITER)         | 36 GPM (8.2 m³/hr.)                | 1 <sup>1/2</sup> "        | 2"                                | 200 PSI (13.8 bar)           | 600            | (-)40 °F /C     |
| 040-U 1 | .076 GAL. (.288 LITER)         | 45 GPM (10.2 m³/hr.)               | 2"                        | <b>2</b> <sup>1/2</sup> "         | 150 PSI (10.3 bar)           | 600            | TO<br>300 °F    |
| 060-U1  | .153 GAL. (.579 LITER)         | 90 GPM (20.4 m³/hr.)               | <b>2</b> <sup>1/2</sup> " | 3"                                | 200 PSI (13.8 bar)           | 600            | (149 °C)        |
| 130-U1  | .254 GAL. (.961 LITER)         | 150 GPM (34.1 m³/hr.)              | 3"                        |                                   | 200 PSI (13.8 bar)           | 600            |                 |
| 220-U1  | .522 GAL. (1.976 LITER)        | 310 GPM (70.4 m <sup>3</sup> /hr.) | 4"                        |                                   | 200 PSI (13.8 bar)           | 600            |                 |
| 320-U1  | .754 GAL. (2.854 LITER)        | 450 GPM 102 m³/hr.)                | 6"                        |                                   | 200 PSI (13.8 bar)           | 600            |                 |

#### **Rectangular Flange Models**

| MODEL   | DISPLACEMENT PER<br>REVOLUTION | NOMINAL<br>CAPACITY*<br>TO         | INLET<br>W X L<br>INCHES | OUTLET                  | PRESSURE<br>RANGE<br>UP TO** | MAXIMUM<br>RPM | TEMP<br>RANGE** |
|---------|--------------------------------|------------------------------------|--------------------------|-------------------------|------------------------------|----------------|-----------------|
| 014-U1  | .0142 GAL. (.054 LITER)        | 5 GPM (1.1 m³/hr.)                 | 1.5 X 4.75               | 1 <sup>1/2</sup> "      | 200 PSI (13.8 bar)           | 400            |                 |
| 024-U1  | .029 GAL. (.110 LITER)         | 11 GPM (2.5 m³/hr.)                | 1.31 X 4.93              | 1 <sup>1/2</sup> " (2") | 200 PSI (13.8 bar)           | 400            |                 |
| 034-U1  | .060 GAL. (.227 LITER)         | 24 GPM (5.4 m³/hr.)                | 1.75 X 6.75              | 2"                      | 200 PSI (13.8 bar)           | 400            | (-)40 °F /C     |
| 064-U1  | .153 GAL. (.579 LITER)         | 60 GPM (13.6 m³/hr.)               | 2.24 X 8.82              | 2 <sup>1/2</sup> " (3") | 200 PSI (13.8 bar)           | 400            | TO<br>300 °F    |
| 134-U 1 | .254 GAL. (.961 LITER)         | 100 GPM (22.7 m <sup>3</sup> /hr.) | 2.97 X 9.25              | 3"                      | 150 PSI (10.3 bar)           | 400            | (149 °C)        |
| 224-U1  | .522 GAL. (1.976 LITER)        | 200 GPM (45.4 m³/hr.)              | 3.87 X 11                | 4"                      | 200 PSI (13.8 bar)           | 400            |                 |
| 324-U1  | .754 GAL. (2.854 LITER)        | 300 GPM (68.1 m <sup>3</sup> /hr.) | 5 X 17.38                | 6"                      | 200 PSI (13.8 bar)           | 400            |                 |

#### **Aseptic Models**

| MODEL | DISPLACEMENT PER<br>REVOLUTION NOMINAL<br>CAPACITY*<br>TO |                                    | PRESSURE<br>RANGE<br>UP TO** | MAXIMUM<br>RPM     | TEMP<br>RANGE** |                    |
|-------|---|------------------------------------|------------------------------|--------------------|-----------------|--------------------|
| 033A  | .051 GAL. (.193 LITER)                                    | 30 GPM (6.8 m³/hr.)                | 1 <sup>1/2</sup> "           | 225 PSI (15.5 bar) | 600             |                    |
| 133A  | .205 GAL. (.776 LITER)                                    | 120 GPM (27.3 m³/hr.)              | 3"                           | 225 PSI (15.5 bar) | 600             | (-)40 ⁰F /C<br>TO  |
| 223A  | .440 GAL. (1.666 LITER)                                   | 260 GPM (59.1 m <sup>3</sup> /hr.) | 4"                           | 225 PSI (15.5 bar) | 600             | 300 ⁰F<br>(149 °C) |
| 323A  | .616 GAL. (2.332 LITER)                                   | 360 GPM (81.8 m <sup>3</sup> /hr.) | 6"                           | 225 PSI (15.5 bar) | 600             | (149 C)            |

\*For capacities above 450 to 935 GPM, see bulletin FH-1725 on 420/520 UHC (ECP Rotors) and FH-1733 on 420/520 UHCL (Lobe Rotors).

\*\*Contact application engineering for higher pressure or higher temperature applications.

Note: Universal II (Bulletin FH-1723) and Universal Lobe (Bulletin FH-1733) models are available for CIP installations, applications up to 500 psi, and extended run services not needing frequent tear down for cleaning.

### Time-tested Waukesha Cherry-Burrell rotary pump; external circumferential piston (ECP) operating principle.

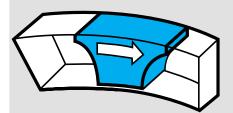
In the Waukesha Cherry-Burrell design, arc-shaped "pistons" (rotor wings) travel in annular-shaped cylinders machined in the pump body; the resulting long sealing path reduces slippage and produces a smooth flow of product without destructive pulses or pressure peaks and without valves or complex parts.

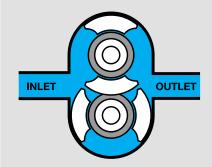
# Exclusive Waukesha Cherry-Burrell design features

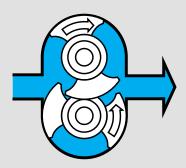
**For Low Viscosity Fluids**, rotors, made of exclusive Waukesha "88" alloy, can be run with close clearance to the 316 stainless steel fluid head, without galling or seizing should inadvertent pressure surges cause contact. The close clearances combined with the rotor geometry, which gives a long sealing path between the pump inlet and outlet, means low slip operation. As a result, you achieve: high volumetric efficiency, good priming ability, metering capability and good flow control.

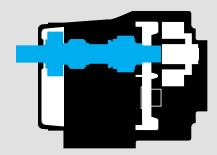
**For High Viscosity Fluids**, the large fluid cavities of the rotors ... plus the large, easy entry anti-cavitation ports ... allow efficient pumping of high viscosity fluids, slurries or even liquids with large chunks or particles.

**For Non-Lubricating and Abrasive Fluids**, the unique Waukesha Cherry-Burrell design has no bearings in the fluid being pumped, no sliding or rolling contact and no rotor-to-rotor contact. This produces MAXIMUM SERVICE LIFE even under severe operating conditions.









# Time-Tested Waukesha Cherry-Burrell Rotary Pump.

Large, heavy-duty shafts

Precision spur timing gears with no intricate timing procedures

The Waukesha Cherry-Burrell Universal I Series gives you...

**High pressure capability;** up to 200 psi/13.8 bar\*.

**Long service life:** High capacity components for long trouble-free service.

**The right seal** for every application, plus easy interchangeability when needed.

**Metal rotor:** Waukesha "88" non-galling alloy, for close running clearance.

**Design conforms** to 3A, USDA, ISO 9001:2000 and CE standards.

\*For higher pressures, consult the factory.

Separate oil reservoir for gears

3-Way mounting gear case standard

High-capacity, double tapered roller bearings; no adjustment needed Pre-set assemblies. High capacity rear ball bearings on Models 6, 15,18, 30 & 40 Field Interchangeable seal

shaft length to a minimum.

options for every service.

Compact design keeps

body and cover; design

316 stainless steel

conforms to USDA

standards

### **Seal Options**

#### **Double Concentric** Mechanical Seal<sup>+</sup>

Used with flushing fluid to cool, lubricate, flush away residue. Best arrangement for severe service.

#### **Single Mechanical** Seal<sup>+</sup>

Longer life, wider pressure-temperature, and speed range than O-ring seal. Alternate materials available for abrasive service.

#### "O" Ring Seal\* Waukesha Cherry Burrell's traditional general purpose seal. Low cost and easy

to service.

#### **Double "O" Ring** Seal\*

The double, flushed version of the "O" ring seal. Used with flushing fluid to cool, lubricate, flush away residue.

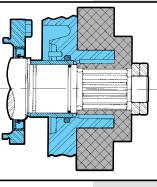
#### Elastomer choices for "O" rings:

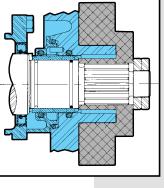
■Buna-N Fluoroelastomer (FKM) •FPDM Silicone Perfluoroelastomer (FFKM) •PTFE Encapsulated

#### \*Not available for model 320

+Mechanical seal material options: Carbon Ceramic 7 Silicon Carbide Tungsten Carbide

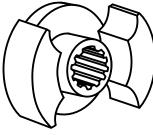
Front bearing fixed; rear bearing floating. Better control of thermal expansion when handling hot products





## **Standard & Options**

Body 316 SS standard Optional: • Flush taps for future double seals. Body retaining screws. Ports S Line standard Optional: • Bevel Seat, I-Line, Q-Line; European DIN, SMS or RJT. Male NPT, 150 lb. & 300 lb. Flanges. (150 lb. standard on Model 320) Rectangular Flange Inlet or Aseptic ports. Extended ports. • Optional port sizes on 6, 18, 30 and 60 Models. Covers 316 SS plain cover with 3-Wing cover nuts standard. Optional: • Vent or drain connections. Aseptic, jacketed or vented. Hex cover nuts. Rotors Alloy 88 Twin Wing standard. Standard clearance for up to 200° F. Optional: • Hot clearance to 300° F. Clearance above 300° F. on application. Special & front face clearances and slotted rotor hub for special applications. Single wing for 30, 60, 130 and 220 models for minimal particulate damage.





Twin Wing

**O-Rings** 

#### Buna-N Standard.

*Optional:* Fluoroelastomer (FKM), EPDM, Silicone, Per Fluoroelastomer (FFKM), FEP Encapsulates

Seals

#### Single Buna-N O-Rings with Zirconia sleeve is standard.

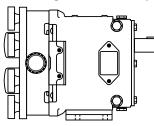
Optional: • 316 SS sleeve.

- Double O-Ring Seal with Flush Connection.
- Single Mechanical Seal with Carbon (One Piece) vs. Ceramic Seal Faces.
- Double Mechanical Seal with outer Carbon Seal Face & Flush Connections.
- Chrome Oxide, Silicon Carbide, & Tungsten Carbide Seal Faces.
- Two piece carbon inner seal.

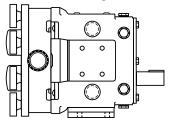
#### Cast iron special 2-part, blue epoxy paint, 316 SS shafts, top shaft position is Standard.

Options: • Stainless Steel gearcase.

- Steel-It paint.
- 17-4 PH shafts.
- Lower shaft position.
- Bearing Isolators.
- Stainless Steel bearing retainers.
- Pedestal shims for side mounted pumps. Left hand shaft position standard.
- Right hand shaft position on side mounted gearcase.

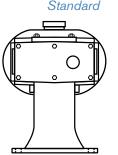


Top Shaft Position Standard



Lower Shaft Position

Optional



Standard left hand

Note: Pedestal foot is optional on shaft position shown Standard and Rectangular Flange (right hand optional) models. Various standard heights are available and must be specified on order.

Optional Side Mount Gear Case for vertical fluid entry

#### Flat plate, epoxy painted, with adjustable feet, SS coupling guard, and Lovejoy or Woods coupling standard.

Options: • 304 SS unpolished plate base with adjustable feet.

- Portable base with rubber wheels.
- SS tubular bases.

#### WCB ISR Integral Speed Reducer Sizes 49, 79 and 239. Direct connected gear motors. Mechanical and Electronic Variable Speed Drives. Hydraulic Motor Drives.

#### Close coupled Tru-Fit<sup>™</sup> pump mounted on Epoxy-painted open base.

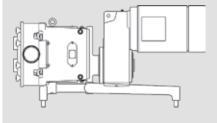
Features: No shaft alignment necessary. No coupling guard required.

- Special base design enhances cleanability.
- Reduces overall length of complete unit by an average of 20-25%.
- Average of 20-25 gear ratios available per horsepower.
- Separate oil sump for gear reducer and timing gears.

#### Options: • 304 SS unpolished plate base.

- 304 SS polished plate base.
- NEMA or IEC frames available. Right angle reducer also available for additional space savings.
- 1/2 through 60 horsepower drive options available.
- Horizontal or vertical porting.

### Gear Cases

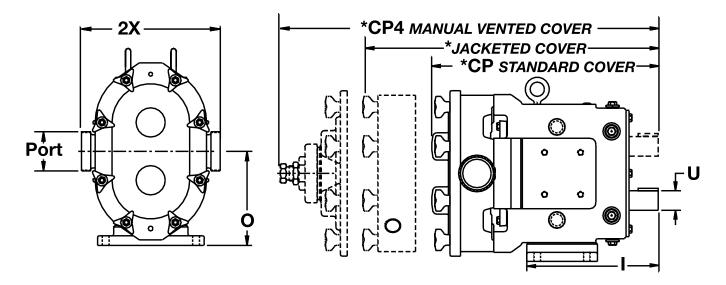


Tru-Fit™

### Bases

### Drives

### **Dimensions**

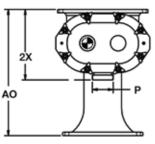


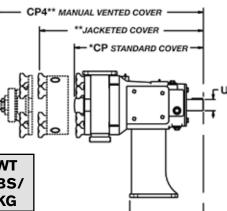
| Size<br>Model |    | СР    | CP4   | I     | 0     | PORT<br>Size              | U<br>+.000<br>001 | 2X    | WT<br>LBS/<br>KG |
|---------------|----|-------|-------|-------|-------|---------------------------|-------------------|-------|------------------|
| 006-U1        | IN | 12.04 | 15.25 | 7.66  | 4.21  | 1 <sup>1/2</sup> "        | .875              | 6.97  | 52               |
|               | mm | 306   | 387   | 194   | 107   |                           | 22.23             | 177   | 24               |
| 015-U1        | IN | 12.04 | 15.25 | 7.66  | 4.21  | 1 <sup>1/2</sup> "        | .875              | 6.97  | 52               |
|               | mm | 306   | 387   | 194   | 107   |                           | 22.23             | 177   | 24               |
| 018 U1        | IN | 12.46 | 15.67 | 7.66  | 4.21  | 1 <sup>1/2</sup> "        | .875              | 7.09  | 54               |
|               | mm | 316   | 398   | 194   | 107   |                           | 22.23             | 180   | 24               |
| 030-U1        | IN | 14.58 | 17.67 | 8.83  | 5.21  | 1 <sup>1/2</sup> "        | 1.250             | 8.50  | 100              |
|               | mm | 370   | 449   | 224   | 132   |                           | 31.75             | 216   | 45               |
| 040-U1        | IN | 14.96 | 18.05 | 8.83  | 5.21  | 2"                        | 1.250             | 8.62  | 106              |
|               | mm | 380   | 458   | 224   | 132   |                           | 31.75             | 219   | 48               |
| 060-U1        | IN | 18.91 | 22.07 | 10.99 | 7.31  | <b>2</b> <sup>1/2</sup> " | 1.625             | 10.75 | 225              |
|               | mm | 480   | 561   | 279   | 186   |                           | 41.28             | 273   | 116              |
| 130-U1        | IN | 19.85 | 23.01 | 10.99 | 7.31  | 3"                        | 1.625             | 10.75 | 260              |
|               | mm | 504   | 584   | 279   | 186   |                           | 41.28             | 273   | 118              |
| 220-U1        | IN | 23.37 | 27.87 | 14.80 | 9.38  | 4"                        | 2.000             | 13.25 | 450              |
|               | mm | 594   | 708   | 376   | 238   |                           | 50.80             | 337   | 204              |
| 320-U1        | IN | 30.17 |       | 17.80 | 10.38 | 6" 150# FLG               | 2.375             | 16.00 | 795              |
|               | mm | 766   |       | 452   | 264   |                           | 60.45             | 406   | 361              |

NOTE: Dimension "2X" applies for Bevel Seat, "S-Clamp", "Q-Clamp", 15I and 14I fittings (Except 320U2).

\*NOTE: CP4 is the maximum dimension for all vented and jacketed cover options. Contact Application Engineering for Universal I Series Aseptic Models.

### **Universal I Series Rectangular Flange**





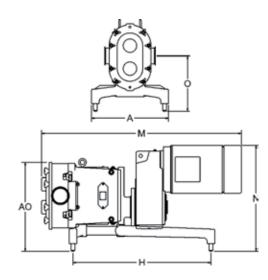
| Size<br>Model |    | AO*   | СР    | CP4   | I     | PORT<br>Size       | U<br>+.000<br>001 | 2X    | WT<br>LBS/<br>KG |
|---------------|----|-------|-------|-------|-------|--------------------|-------------------|-------|------------------|
| 014-U1        | IN | 12.50 | 12.04 | 15.25 | 7.66  | 1 <sup>1/2</sup> " | .875              | 7.11  | 47               |
| 014-01        | mm | 318   | 306   | 387   | 195   |                    | 22.23             | 181   | 21               |
| 004 111       | IN | 12.50 | 12.46 | 15.67 | 7.66  | 1 <sup>1/2</sup> " | .875              | 7.11  | 49               |
| 024-U1        | mm | 318   | 316   | 398   | 195   |                    | 22.23             | 181   | 22               |
| 034-U1        | IN | 14.25 | 14.58 | 17.67 | 8.49  | 2"                 | 1.250             | 8.12  | 100              |
| 034-01        | mm | 362   | 370   | 449   | 216   |                    | 31.75             | 206   | 45               |
| 064-U1        | IN | 19.18 | 18.91 | 22.07 | 10.77 | 2 <sup>1/2</sup> " | 1.625             | 10.31 | 255              |
| 064-01        | mm | 487   | 480   | 561   | 274   |                    | 41.28             | 262   | 116              |
| 104 111       | IN | 19.18 | 19.85 | 23.01 | 10.77 | 3"                 | 1.625             | 10.31 | 280              |
| 134-U1        | mm | 487   | 504   | 584   | 274   |                    | 41.28             | 262   | 127              |
| 004 111       | IN | 23.75 | 23.37 | 27.87 | 13.74 | 4"                 | 2.000             | 12.87 | 505              |
| 224-U1        | mm | 603   | 594   | 708   | 349   |                    | 50.80             | 327   | 229              |
| 204 114       | IN | 36.00 | 30.17 |       | 16.86 | 6" 150# FLG        | 2.375             | 17.88 | 775              |
| 324-U1        | mm | 914   | 766   |       | 428   |                    | 60.33             | 454   | 352              |



\*NOTE: Dimension AO is with tallest pedestal. Optional heights are available.

\*\*NOTE: CP4 is the maximum dimension for all vented and jacketed cover options.

### Universal I Series Tru-Fit<sup>™</sup>



| Size<br>Model |    | Α   | AO    | н   | М     | PORT<br>Size              | N     | ο     |
|---------------|----|-----|-------|-----|-------|---------------------------|-------|-------|
| 006-U1        | IN | 12  | 13.25 | 18  | 27.60 | 1 <sup>1/2</sup> "        | 15.56 | 9.15  |
| 000-01        | mm | 305 | 37    | 457 | 701   |                           | 395   | 232   |
| 015-U1        | IN | 12  | 13.25 | 18  | 27.60 | 1 <sup>1/2</sup> "        | 15.56 | 9.15  |
| 015-01        | mm | 305 | 37    | 457 | 701   |                           | 395   | 232   |
| 018-U1        | IN | 12  | 13.25 | 18  | 28.02 | <b>1</b> <sup>1/2</sup> " | 15.56 | 9.15  |
| 018-01        | mm | 305 | 37    | 457 | 712   |                           | 395   | 232   |
| 030-U1        | IN | 14  | 15.11 | 20  | 33.67 | <b>1</b> <sup>1/2</sup> " | 18.65 | 10.02 |
| 030-01        | mm | 356 | 384   | 508 | 855   |                           | 474   | 255   |
| 040-U1        | IN | 14  | 15.11 | 20  | 34.04 | 2"                        | 18.65 | 10.02 |
| 040-01        | mm | 356 | 384   | 508 | 865   |                           | 474   | 255   |
| 060-U1        | IN | 18  | 20.00 | 28  | 43.77 | 2 <sup>1/2</sup> "        | 22.02 | 12.00 |
| 060-01        | mm | 457 | 508   | 711 | 1112  |                           | 559   | 305   |
|               | IN | 18  | 20.00 | 28  | 44.71 | 3"                        | 22.02 | 12.00 |
| 130-U1        | mm | 457 | 508   | 711 | 1136  |                           | 559   | 305   |
| 000-111       | IN | 20  | 23.25 | 36  | 52.25 | 4"                        | 27.68 | 14.50 |
| 220-U1        | mm | 508 | 591   | 914 | 1327  |                           | 703   | 368   |

### When it is time to repair ... Waukesha Cherry-Burrell offers the following options, you pick the one that meets your needs.

#### Factory Remanufacturing Program – WCB traditional program

- No need to return your pump until you receive your new replacement pump.
- Substantial savings over new pump.
- All remanufactured pumps must pass a 25 point inspection process and undergo performance testing.
- Only OEM genuine parts are used in the remanufacturing process and you receive a guaranteed warranty and quality certificate with each pump.
- New pumps eligible for Remanufacturing Program twice.
- See Bulletins FH-1728 and FH-1871 for more details.

#### **Factory Inspect and Advise Program**

- Return your pump for complete factory inspection.
- Cost effective options to match your performance/budget needs.
- Your pump body may be remachined up to 6 times.
- Replacement rotors and parts available.
- Factory warranty.
- See Bulletin FH-1728 for more details.

#### **WCB Certified Pump Repair Centers**

- Local distributors with factory trained and certified service technicians.
- Quick local response.
- Genuine WCB parts.
- Flexible repair programs to meet your needs.
- Local warranty.

#### Waukesha Cherry-Burrell Warranty

Seller warrants its products to be free from defects in materials and workmanship for a period of one (1) year from the date of shipment. This warranty shall not apply to products which require repair or replacement due to normal wear and tear or to products which are subjected to accident, misuse or improper maintenance. This warranty extends only to the original buyer. Products manufactured by others but furnished by seller are exempted from this warranty and are limited to the original manufacturer's warranty.





#### **PROCESS EQUIPMENT**



SPX Process Equipment 611 Sugar Creek Road Delavan, WI 53115 Phone: (262)728-1900 or (800)252-5200 Fax: (262)728-4904 or (800)252-5012 E-mail: wcb@spx.com

For more information about our worldwide locations, approvals, certifications, and local representatives, please visit www.spxpe.com.

SPX reserves the right to incorporate our latest design and material changes without notice or obligation. Design features, materials of construction and dimensional data, as described in this bulletin, are provided for your information only and should not be relied upon unless confirmed in writing. Certified drawings are available upon request.