



IMI CORNELIUS INC.  
One Cornelius Place  
Anoka, MN 55303-6234  
Telephone 1-800-238-3600  
Facsimile 1-800-258-0255

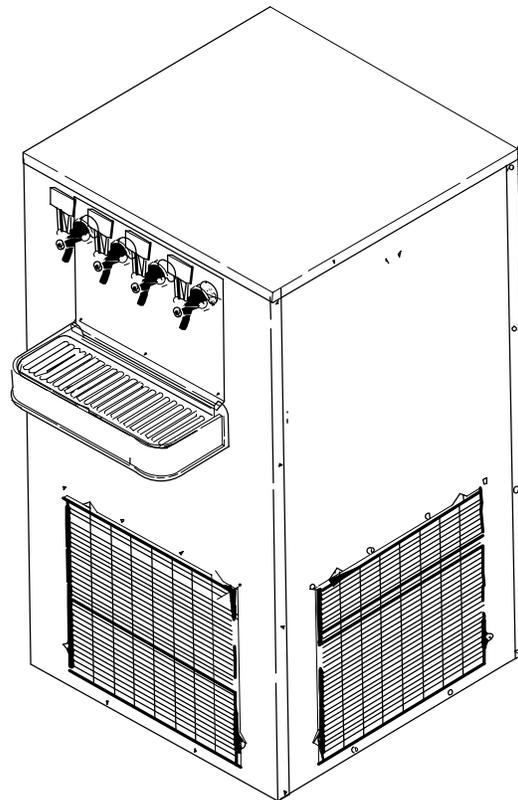
## ILLUSTRATED PARTS LIST

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### UNIVERSAL 1550 PRE-MIX DISPENSER

#### MODEL NO.

284974xxx





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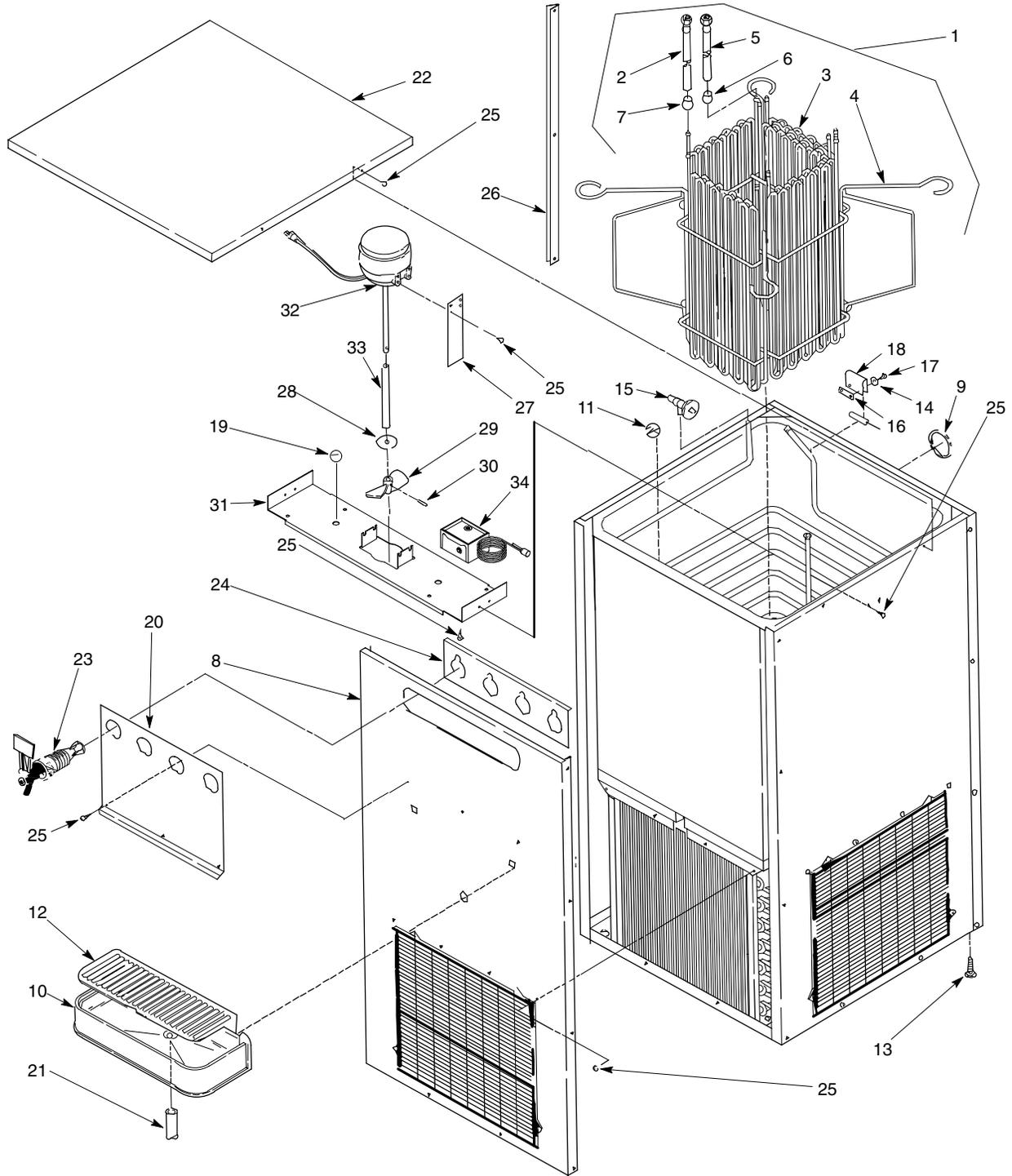


FIGURE 1. UNIVERSAL 1550 PRE-MIX DISPENSER ASSEMBLY



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| Item No. | Part No.  | Name   |
|----------|-----------|--|
| 1        | 319837004 | Coil and Tube Ass'y (Includes 2-7)                       |
| 2        | 319244000 | Tube Ass'y, Coil to Valve, No. 1, 2 and 3 (See Figure 3) |
|          | 319481000 | Tube Ass'y, Coil to Valve, No. 4 (See Figure 3)          |
| 3        | 309952005 | Coil, Product  |
| 4        | 2248      | Rack, Coil   |
| 5        | 318880000 | Tube Ass'y, Inlet (See Figure 3)                         |
| 6        | 176067000 | Ferrule, For .312 O.D. Tube                              |
| 7        | 176035000 | Ferrule, For .312 O.D. Tube, Short                       |
| 8        | 319765044 | Panel, Front   |
| 9        | 316963000 | Bushing, Snap  |
| 10       | 186573039 | Drip Tray  |
| 11       | 185176000 | Retainer, Control Bulb                                   |
| 12       | 186642000 | Cup Rest   |
| 13       | 310392000 | Leg  |
| 14       | 188346000 | Washer, No. 10   |
| 15       | 319386000 | Expansion Valve  |
| 16       | 323264000 | Twin Nut, No. 10-32                                      |
| 17       | 398022409 | Machine Screw, SI Pan Hd., No. 10-32 By 3/8-In. Long     |

| Item No. | Part No.  | Name   |
|----------|-----------|--|
| 18       | 319428000 | Clamp, Sensor Bulb   |
| 19       | 331303000 | Bushing, Snap  |
| 20       | 319786000 | Panel, Valve   |
| 21       | 310445000 | Tube, .500 I.D. By 60-In. Long                                 |
| 22       | 311849044 | Cover  |
| 23       |           | Dispensing Valve Ass'y (See Figure 4)                          |
| 24       | 319781000 | Plate, Backup  |
| 25       | 319941000 | Thread Rolling Screw, Hex Washer Hd., No. 8-32 By 3/8-In. Long |
| 26       | 1650      | Shield, Corner   |
| 27       | 319856000 | Plate, Heat Transfer   |
| 28       | 186599000 | Slinger  |
| 29       | 3600      | Blade, Agitator Motor  |
| 30       | 186610000 | Pin, Blade   |
| 31       | 2218      | Bracket, Agitator Motor  |
| 32       | 310154000 | Agitator Motor, 115V 60HZ                                      |
| 33       | 310437000 | Tube, Heat Transfer  |
| 34       | 4187      | Ice Bank Control   |



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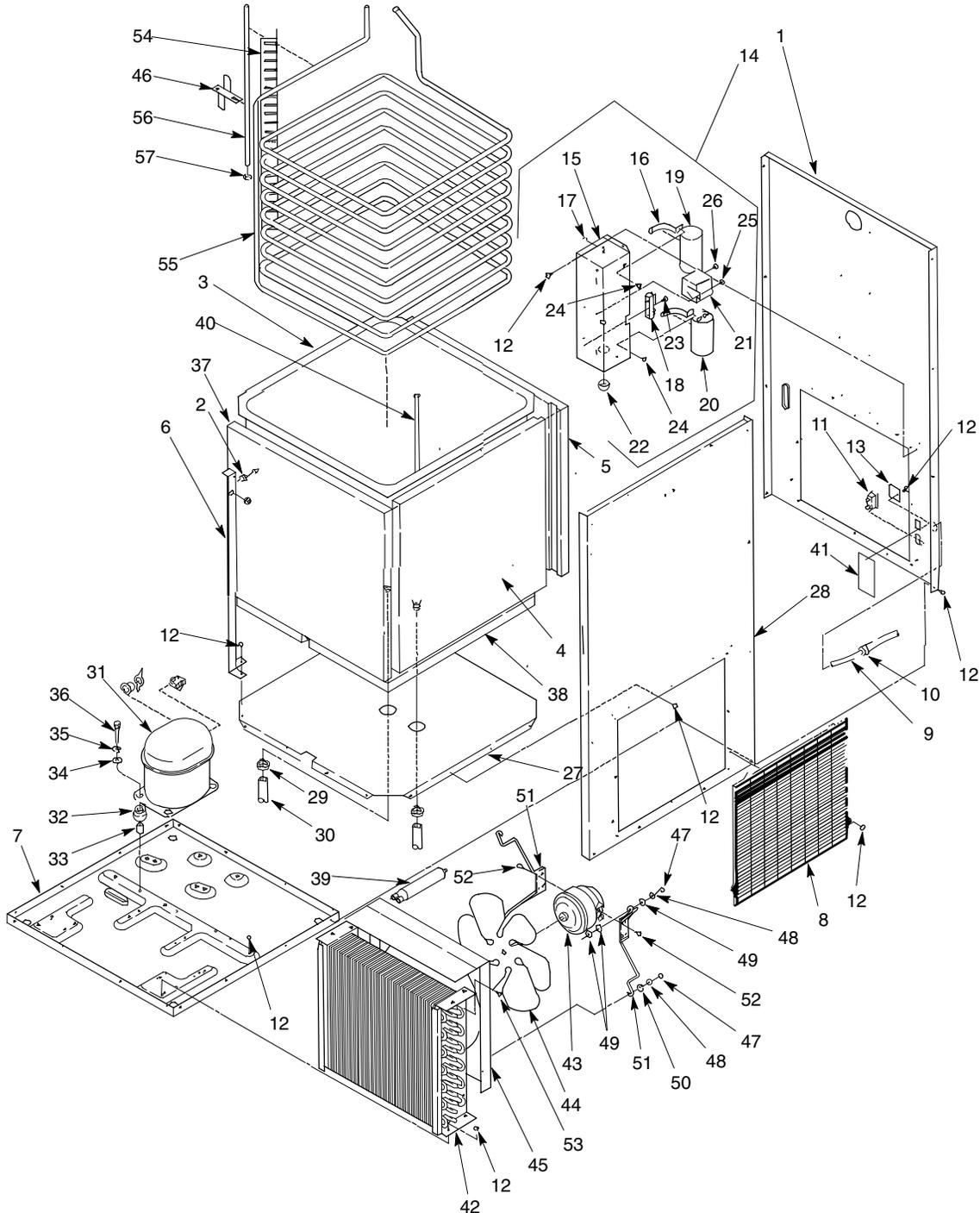


FIGURE 2. UNIVERSAL 1550 REFRIGERATION ASSEMBLY



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| Item No. | Part No.  | Name   |
|----------|-----------|--|
| 1        | 319767044 | Panel, Back  |
| 2        | 186299000 | Strain Relief  |
| 3        | 2247      | Tank, Water Bath   |
| 4        | 319770000 | Insulation, Side   |
| 5        | 319768000 | Insulation, Back   |
| 6        | 319227000 | Conduit, Corner  |
| 7        | 318148069 | Base   |
| 8        | 319817039 | Grille   |
| 9        | 309939000 | Service Cord   |
| 10       | 313621000 | Strain Relief  |
| 11       | 309645000 | Switch, Rocker   |
| 12       | 319941000 | Thread Rolling Screw, Hex Washer Hd., No. 8-32 By 3/8-In. Long |
| 13       | 319940000 | Cover, Switch Hole   |
| 14       | 319888000 | Control Box Ass'y (Includes 15-26)                             |
| 15       | 319880000 | Control Box  |
| 16       | 319867000 | Strap, Capacitor   |
| 17       | 186125000 | Grommet  |
| 18       | 360020000 | Terminal Block   |
| 19       | 319858000 | Capacitor, Run, 115V 60HZ                                      |
| 20       | 319859000 | Capacitor, Start, 250V 60HZ                                    |
| 21       | 319861000 | Relay, 115V 60HZ   |
| 22       | 360668000 | Bushing, Snap  |
| 23       | 320289000 | Thread Rolling Screw, Phil Pan Hd., No. 6-32 By 1/4-In. Long   |
| 24       | 392065000 | Machine Screw, Hex Hd., No. 8-32 By 1-In. Long                 |
| 25       | 319941000 | Thread Rolling Screw, Hex Washer Hd., No. 8-32 By 3/8-In. Long |
| 26       | 186150000 | Machine Screw, Phil Pan Hd., No. 8-32 By 3/8-In. Long          |
| 27       | 309966000 | Bulkhead, Cabinet  |
| 28       | 319766044 | Panel, Side  |
| 29       | 140135000 | Clamp, For .687 O.D. Tube                                      |

| Item No. | Part No.  | Name   |
|----------|-----------|--|
| 30       | 187512000 | Tube, .500 I.D. By 40-In. Long                                     |
| 31       | 312859000 | Compressor Kit, 3/4HP 115V 60HZ                                    |
| 32       | 186818000 | Grommet  |
| 33       | 186819000 | Sleeve   |
| 34       | 186147000 | Washer, .312 I.D.  |
| 35       | 186148000 | Lock Washer, .312 I.D.   |
| 36       | 186144000 | Cap Screw, Hex Hd., 5/16-18 By 1-1/4-In. Long                      |
| 37       | 319769000 | Insulation, Front  |
| 38       | 319772000 | Insulation, Bottom   |
| 39       | 319403000 | Dryer  |
| 40       | 319807000 | Tube, Copper, 20-In. Long  |
| 41       | 309107000 | Plate, Switch  |
| 42       | 319373011 | Condenser Coil   |
| 43       | 309978000 | Motor, Fan, 115V 60HZ  |
| 44       | 319358000 | Fan, 6-Blade   |
| 45       | 319776000 | Shroud, Condenser  |
| 46       | 319385000 | Holder, Control Bulb   |
| 47       | 186770000 | Machine Screw, Phil Rd Hd., No. 10-24 By 5/8-In. Long              |
| 48       | 120227000 | Lock Washer, No. 10  |
| 49       | 320539000 | Washer, No. 8  |
| 50       | 321484000 | Grommet  |
| 51       | 319377000 | Bracket, Motor   |
| 52       | 186154000 | Machine Screw, Phil Pan Hd., Sems, No. 8-36 By 3/8-In. Long        |
| 53       | 398023199 | Thread Cutting Screw, SI Hex Washer Hd., No. 6-32 By 5/16-In. Long |
| 54       | 142345013 | Spacer, Evaporator Coil  |
| 55       | 2246      | Evaporator Coil  |
| 56       | 309974000 | Rod, Support   |
| 57       | 316753000 | Push-on Nut  |



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|----------|-----------|--|
|          | 319244000 | Tube Ass'y, Coil to Valve No. 1, 2 and 3 |
|          | 319481000 | Tube Ass'y, Coil to Valve No. 4          |
|          | 318880000 | Tube Ass'y, Inlet to Coil                |
| 1        | 174004000 | Tube, .156 I.D. By 14-In. Long           |
|          | 174083000 | Tube, .156 I.D. By 29-In. Long           |
|          | 174478000 | Tube, .265 I.D. By 96-In. Long           |
| 2        | 176004000 | Ferrule, For .312 O.D. Tube              |
|          | 176000000 | Ferrule, For .465 O.D. Tube              |
|          | 176035000 | Ferrule, For .312 O.D. Tube, Short       |

| Item No. | Part No.  | Name                       |
|----------|-----------|----------------------------|
| 3        | 176017000 | Swivel Nut, 7/16-20        |
| 4        | 77010600  | Nipple, For .156 I.D. Tube |
|          | 77010400  | Nipple, For .265 I.D. Tube |

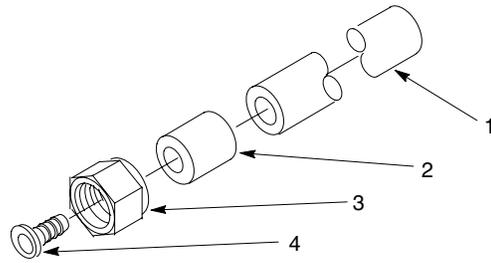


FIGURE 3. TUBE ASSEMBLY



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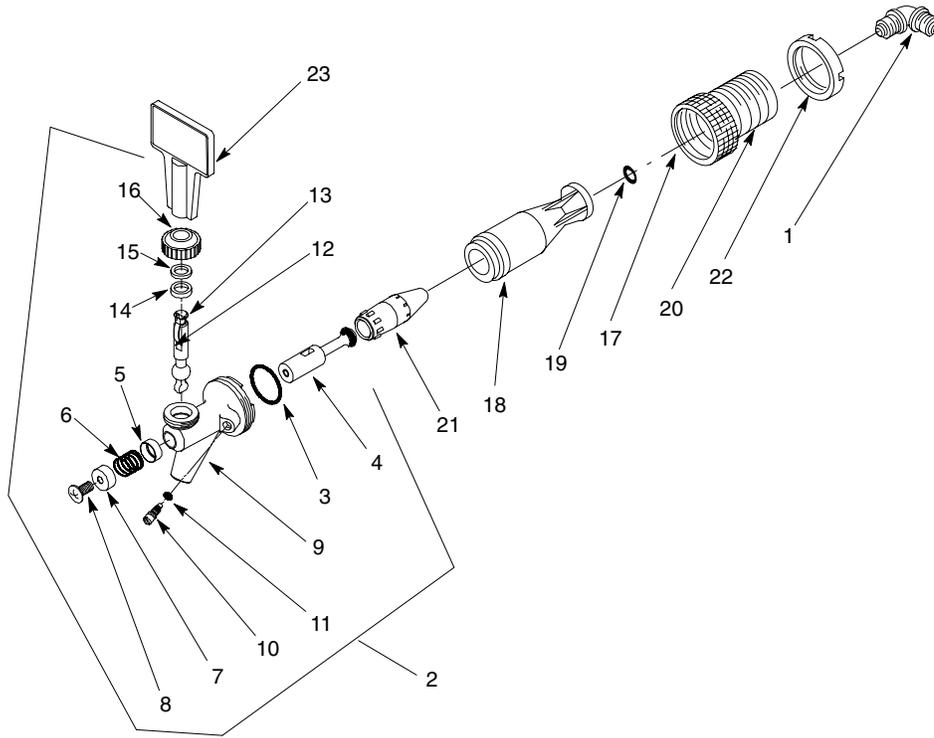


FIGURE 4. DISPENSING VALVE ASSEMBLY

| Item No. | Part No.  | Name   |
|----------|-----------|--|
| 1        | 150792100 | Fitting, Elbow, 7/16-20 By 1/2-16  |
|          | 150807100 | Fitting, 7/17-20 By 1/2-16   |
| 2        | 151202039 | Dispensing Valve Ass'y (Includes 3-16)   |
| 3        | 150065000 | O-Ring, 1.05 I.D. By .070 C.S.   |
| 4        | 150998000 | Shaft and Seat Ass'y   |
| 5        | 150141000 | Sleeve, Inner  |
| 6        | 150189000 | Spring   |
| 7        | 150142000 | Sleeve, Outer  |
| 8        | 150907000 | Machine Screw, Phil Truss Hd., Chrome Plated Brass, No. 10-24 By 5/16-In. Long |
| 9        | 151009039 | Body   |
| 10       | 150113000 | Slotted Adjusting Screw  |

| Item No. | Part No.  | Name                           |
|----------|-----------|--------------------------------|
| 11       | 140092000 | O-Ring, .114 I.D. By .070 C.S. |
| 12       | 151062000 | Lever Spring, Knob             |
| 13       | 151061000 | Lever, Knob                    |
| 14       | 150055000 | Ball Washer, .390 I.D.         |
| 15       | 110015000 | Friction Washer                |
| 16       | 151742039 | Bonnet, Knob                   |
| 17       | 150199000 | Coupling Nut                   |
| 18       | 150099000 | Shank, Long                    |
| 19       | 150058000 | O-Ring, .301 I.D. By .070 C.S. |
| 20       | 150200007 | Sleeve, End Shank              |
| 21       | 150095000 | Compensator                    |
| 22       | 150150000 | Shank Nut                      |
| 23       | 151741039 | Knob                           |



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### UNIVERSAL 1550 PRE-MIX DISPENSER ACCESSORIES/KITS

**WHEEL AND PUSH BAR KIT  
(0519)**

**VALVE LOCK BOX W/PADLOCK  
(186859044)**

**CASTER KIT  
(310340000)**

**EVAPORATOR KIT  
(319827088)**

**AGITATOR MOTOR ASS'Y  
(310373088)**