

# FT600 Electric Airless Sprayer

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- For the application of architectural paints and coatings - - For professional use only -



#### **IMPORTANT SAFETY INSTRUCTIONS**

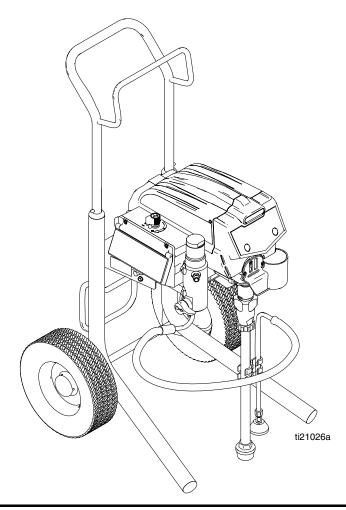
Read all warnings and instructions in this manual. Save these instructions.

#### Model 278680

3300 psi (227 bar, 22.7 MPa) Maximum Working Pressure

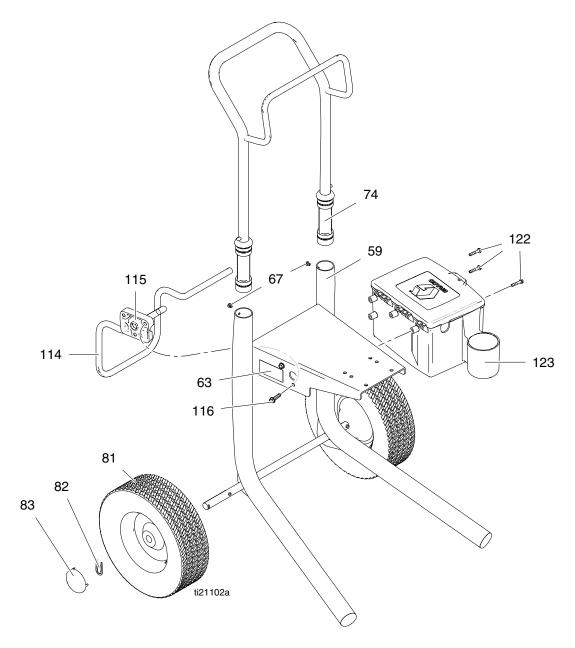
#### **Related Manuals:**

| 332255 |
|--------|
| 311861 |
| 332257 |
| 309250 |
| 309709 |





## **Parts - Frame**

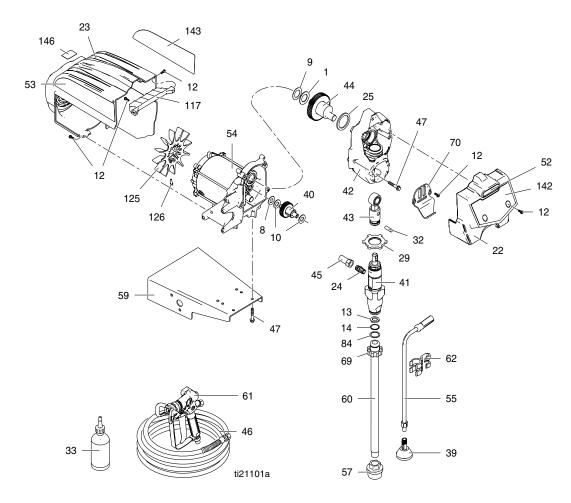


### **Parts List - Frame**

| Ref. | Part   | Description           | Qty. | Ref. | Part   | Description                    | Qty. |
|------|--------|-----------------------|------|------|--------|--------------------------------|------|
| 59   | 287779 | FRAME, cart           | 1    | 114  | 15D281 | HANGER, stand, cart            | 1    |
| 63   |        | LABEL, warning        | 1    | 115  | 15C982 | CAM, cart                      | 2    |
| 67   |        | SCREW                 | 4    | 116  | 114531 | SCREW, mach, hex washer hd     | 4    |
| 74   | 287489 | HANDLE, assy          | 1    | 122  | 118852 | SCREW, thd forming, hex washer | 3    |
| 81   |        | WHEEL, semi pneumatic | 2    |      |        | hd                             |      |
| 82   | 15B999 | CLIP, retaining       | 2    | 123  | 287253 | TOOL BOX (includes 122)        | 1    |
| 83   | 104811 | CAP, hub              | 2    |      |        |                                |      |

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## **Parts - Pump**

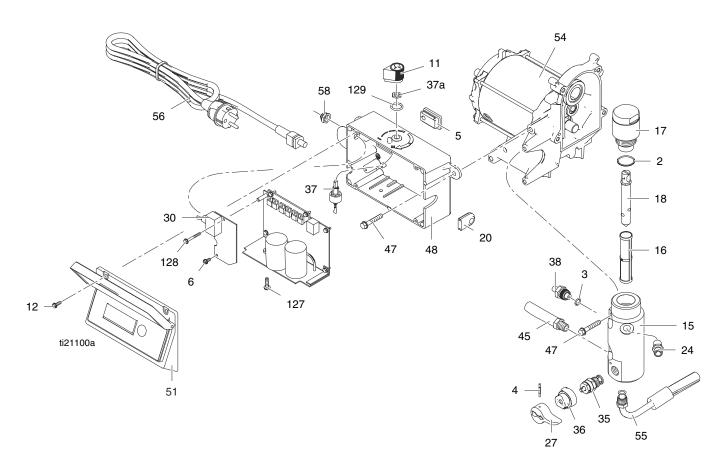


### **Parts List - Pump**

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|--|--------|--------------------------------------|------|------|--------|--------------------------------------|------|
| Ref.   | Part   | Description                          | Qty. | Ref. | Part   | Description                          | Qty. |
| 1  | 107434 | BEARING, thrust                      | 1    | 44   | 248231 | GEAR, crankshaft (includes 1, 9, 25) | 1    |
| 8  | 116073 | WASHER, thrust                       | 1    | 45   | 287003 | HOSE, cpld                           | 1    |
| 9  | 116074 | WASHER, thrust                       | 1    | 46   | 240794 | HOSE, cpld, 1/4 in. x 50 ft          | 1    |
| 10   | 116079 | BEARING, thrust                      | 2    | 47   | 117493 | SCREW, mach, hex washer hd           | 8    |
| 12   | 117501 | SCREW, mach, slot hex wash hd        | 10   | 52   | 278683 | LABEL, brand, front top, FT600       | 1    |
| 13   | 115099 | WASHER, garden hose                  | 1    | 53   | 278684 | LABEL, brand, left side, FT600       | 1    |
| 14   | 103413 | PACKING, o-ring                      | 1    | 54   | 287807 | MOTOR (includes 125, 126)            | 1    |
| 22   | 278695 | SHIELD, front, painted (includes 12, | 1    | 55   | 287952 | HOSE, drain (includes 39)            | 1    |
|  |        | 54, 142)                             |      | 57   | 246385 | STRAINER                             | 1    |
| 23   | 278694 | SHIELD, motor, painted (includes 12, | 1    | 59   | 287779 | FRAME, cart                          | 1    |
|  |        | 53, 63, 143, 146)                    |      | 60   | 15B506 | TUBE, suction                        | 1    |
| 24   | 162453 | FITTING, 1/4 in. npsm x 1/4 in. npt  | 1    | 61   | 288438 | GUN, FTX, rac x 517                  | 1    |
| 25   | 180131 | BEARING, thrust                      | 1    | 62   | 276888 | CLIP, drain line                     | 1    |
| 29   | 195150 | NUT, jam, pump                       | 1    | 69   | 15E813 | NUT, jam                             | 1    |
| 32   | 196762 | PIN, straight                        | 1    | 70   | 15C146 | HOOK, pail                           | 1    |
| 33   | 206994 | FLUID, TSL, 8 oz                     | 1    | 84   | 15B652 | WASHER, suction                      | 1    |
| 39   | 241920 | DEFLECTOR, threaded                  | 1    | 117  | 277941 | BRACKET, shield, mount               | 1    |
| 40   | 249194 | GEAR, reducer                        | 1    | 125  | 15D088 | FAN, motor                           | 1    |
| 41   | 246428 | PUMP, displacement (includes 24)     | 1    | 126  | 115477 | SCREW, mach, torx pan hd             | 1    |
| 42   | 287899 | HOUSING, drive (includes 12, 47)     | 1    | 142  | 15W478 | LABEL, brand                         | 1    |
| 43   | 287053 | ROD, connecting (includes 32)        | 1    | 143  | 278685 | LABEL, brand, right side, FT600      | 1    |
| -  |        | , 3 ( 3–)                            |      | 146  | 15Y118 | LABEL. Made in the USA               | 1    |

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## **Parts - Control Box and Board**

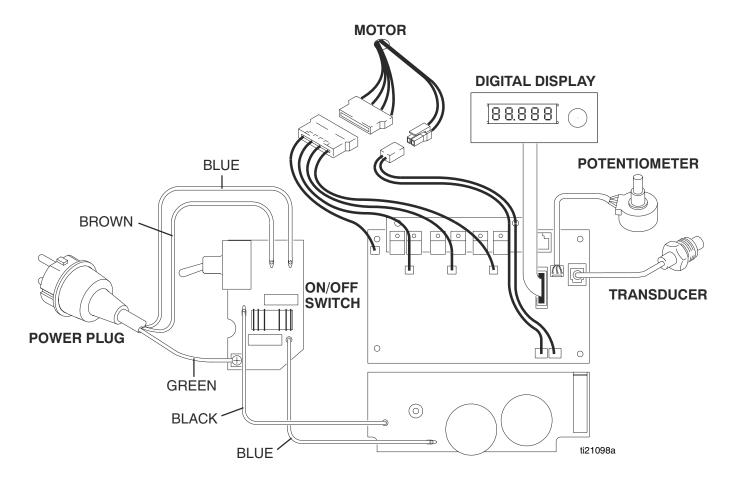


#### **Parts List - Control Box and Board**

| Ref. | Part   | Description                   | Qty. | Ref.  | Part         | Description                    | Qty. |
|------|--------|-------------------------------|------|-------|--------------|--------------------------------|------|
| 2    | 117828 | O-RING                        | 1    | 37a   |              | NUT, potentiometer             |      |
| 3    | 111457 | PACKING, o-ring               | 1    | 38    | 243222       | TRANSDUCER, pressure control   | 1    |
| 4    | 111600 | PIN, grooved                  | 1    |       |              | (includes 3)                   |      |
| 5    |        | BUSHING, control box          | 1    | 45    | 287003       | HOSE, cpld                     | 1    |
| 6    | 115498 | SCREW, mach, slot hex wash hd | 1    | 47    | 117493       | SCREW, mach, hex washer hd     | 4    |
| 11   | 116167 | KNOB, potentiometer           | 1    | 48    | 287907       | BOX, control                   | 1    |
| 12   | 117501 | SCREW, mach, slot hex wash hd | 4    | 51    | 287904       | KIT, st display, international | 1    |
| 15   | 15G455 | MANIFOLD                      | 1    | 54    | 287807       | MOTOR (includes 125, 126)      | 1    |
| 16†  | 246384 | FILTER, fluid, 60 mesh        | 1    | 55    | 243993       | HOSE, drain                    | 1    |
| 17   |        | CAP, filter                   | 1    | 56    | 253369       | CORD, cee 7/7                  | 1    |
| 18   | 15B071 | INSERT, filter                | 1    | 58    | 195428       | BOOT, toggle                   | 1    |
| 20   | 15B120 | GROMMET, transducer           | 1    | 127   | 120165       | SCREW, mach, phillips, pan hd  | 1    |
| 24   | 162453 | FITTING, (1/4 npsm x 1/4 npt) | 1    | 128   | 120406       | SCREW, pan hd                  | 1    |
| 27   | 187625 | HANDLE, valve, drain          | 1    | 129   | 158674       | O-RING, packing                | 1    |
| 30   | 287913 | BOARD, filter                 | 1    |       |              |                                |      |
| 35   | 235014 | VALVE, drain (includes 4)     | 1    | † Oth | er filters a | vailable: 246382 100 mesh,     |      |
| 36   | 224807 | BASE, valve                   | 1    | 24638 | 83 200 me    | esh, 246425 30 mesh.           |      |
| 37   | 256219 | POTENTIOMETER, adjust,        |      |       |              |                                |      |
|      |        | pressure (includes 37a)       |      |       |              |                                |      |

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## **Wiring Diagram - FT600**



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Original instructions. This manual contains English. MM 332260

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