



WASHERS



FWS-25 TP2 FWS-30 TP2 FWS-40 TP2

NORMAL SPIN

HARD MOUNT WASHERS

G FORCE = 200 | 25 - 30 - 40 lbs

RELIABILITY AND ROBUSTNESS

WITHIN REACH OF ALL.



FEATURES

- G Force = 200.
- Hard-mounted machines. Require anchoring to the floor.
- Drum and jacket in AISI-304 stainless steel.
- Easy-to-clean exterior panels, manufactured in skinplate with stainless steel appearance,
- Detergent tray with 4 compartments.
- 8 signals for automatic liquid dosing, programmable in time and delay.
- 6 extra signals available optionally.
- Variable-frequency drive (standard 50-60 Hz).
- Balancing systems
- New TOUCH PLUS programmer (TP2) with a 7" color touch screen, and 37 available languages. TP2 lets you create an infinite number of programs (29 pre-set), as well as play videos.
- TP2 allows programming, importing and exporting of programs and software updates via USB.
- Traceability as standard: temperatures, water levels, etc. are stored on the washer and is extractable to a PC by USB memory.
- All washers are **WET CLEANING** ready. The TP2 programmer includes the characteristics to create any Wet Cleaning program (adjustable water levels and washing speed).
- **EFFICIENT MIX.** These machines are equipped with an automatic water mixer (mixing different water temperatures) which provides energy savings and reduces washing times.
- **BALANCE CONTROL:** detects the imbalance at an early stage. This way the operation is much smoother, extending components lifetime, and saving time and energy.
- **MULTI-CHOICE INLET:** 3 standard water inlets. All washers are equipped with a third water inlet to speed filling time, for decalcified water, ozone, or recycled water.
- **MAINTENANCE KARE:** A simple design, focused in optimum accessibility; with easy-to-access mechanical and electronic parts. key to easy maintenance.
- The TP2 control provides a complete technical menu, self-diagnosis systems, alarms, restricted access areas, etc.
- **OPTIMIZED DRUM:** The special perforations in the paddles of the drum create a water cascade effect that considerably increases the mechanical action and reduces the amount of water in each wash. The effective design of the drum and tank with minimal spaces between them, reduces the energy consumption to heat the water and the excessive use of chemical products.
- **OPTIMAL CONSUMPTION.** All washers are equipped with an efficient system that sense the load weight and automatically adapts the quantity of water and chemicals needed.
- Washers compatible with water recovery tanks.
- With the TP2 control you can convert your **OPL** washer to **Coin/Vended** mode. Just add a coin mechanism kit or other payment system.RS-485 communication.

OPTIONS:

- Anchoring base.
 - Exterior panels in AISI-304 stainless steel.
 - Front panels in AISI-304 stainless steel.
 - Double drain kit to recover water.
 - NC Option: drain normally closed.
 - Reversible door opening.
 - 6 extra signals for dosing
 - Timed opening system.
 - Printer.
 - Shower system: water recirculation for very delicate linen (wet cleaning complement).
 - Marine electric versions.
 - Protective covering for the electronics system.
 - SLUICE option.
- Essential for fabrics with solid contamination. The Ø 8 mm perforations in the drum facilitate the removal of solid waste.



ONNERA GROUP

ONNERA USA, Inc
13105 NW 47th Ave
Opa-locka, Florida
33054 USA

us.marketing@onneragroup.com

www.fagorcommercial.com





TECHNICAL DATA

UNIT.

FWS - 25 TP2

FWS - 30 TP2

FWS - 40 TP2

| DRUM | | | | |
|--------------------------|-------|-------|-------|-------|
| Load capacity 1:9 / 1:10 | lbs | 24/22 | 31/29 | 44/42 |
| Volume | cu ft | 3.5 | 4.5 | 6 |
| Diameter | in | 24.4 | 24.4 | 27.55 |
| Depth | in | 13 | 16.92 | 18.50 |

GENERAL DATA

| | | | | |
|---------------------------|-----|--------|---------|---------|
| Wash speed / Spin speed | rpm | 53/759 | 53/759 | 50/714 |
| G Force | - | 200 | 200 | 200 |
| Maximum force transmitted | kN | 2.0 ±3 | 2.31 ±4 | 2.63 ±5 |
| Dynamic force frequency | Hz | 8.93 | 8.93 | 8.42 |
| Noise level | dB | < 70 | < 70 | < 70 |
| Self-service version | - | Yes | Yes | Yes |
| Double drain | - | No | Opt. | Opt. |
| Weighing system | - | No | No | No |
| SLUICE option | - | Yes | Yes | Yes |

DOOR

| | | | | |
|---------------------------------------|----|-------------|-------------|-------------|
| Height door centre / Height door base | in | 22.00/12.20 | 22.44/12.20 | 25.78/13.70 |
| Diameter | in | 14.68 | 14.68 | 18.11 |

POWER

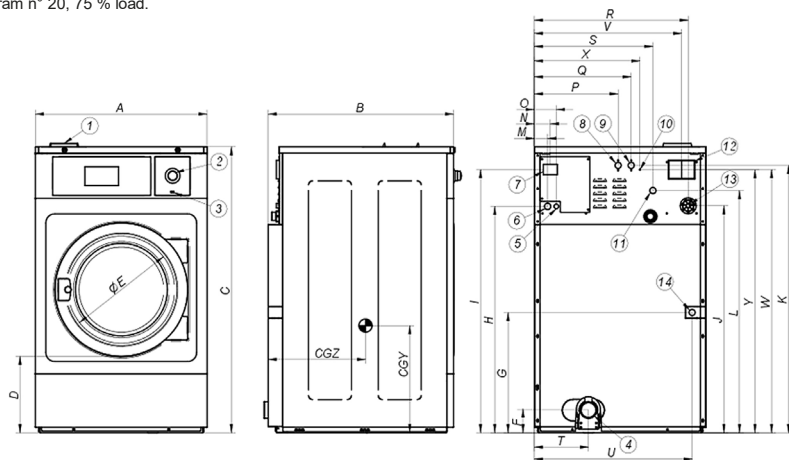
| | | | | |
|-----------------------------------|----|------|------|-------|
| Motor | Hp | 1.48 | 1.48 | 2.9 |
| Heating electric mod. | kW | 6 | 9 | 12 |
| Maximum electrical power | kW | 6.25 | 9.5 | 12.75 |
| Maximum steam and hot water power | kW | 1.1 | 1.1 | 2.2 |

| CONNECTIONS | | ELECTRIC | STEAM / HOT WATER | ELECTRIC | STEAM / HOT WATER | ELECTRIC | STEAM / HOT WATER |
|---|--------------------|----------|-------------------|----------|-------------------|----------|-------------------|
| 208-240V / 50-60 Hz / 1 | FLA (Amp) | 32 A | 6 A | 50 A | 6 A | 63 A | 10 A |
| 208-240V / 50-60 Hz / 3 | FLA (Amp) | 20 A | - | 32 A | - | 40 A | - |
| 440V / 50-60 Hz / 3 | FLA (Amp) | 16 A | - | 16 A | - | 20 A | - |
| Steam inlet (Steam mod.) | in | 1/2" | | 1/2" | | 1/2" | |
| Maximum steam consumption (Steam. mod.) | lbs/h | 15.5 | | 18.8 | | 26.5 | |
| Water inlet | in | 3/4" | | 3/4" | | 3/4" | |
| Grid pressure | kg/cm ² | 2-4 | | 2-4 | | 2-4 | |
| Maximum water consumption * | Gal/h | 15.80 | | 21 | | 31.35 | |
| Drain | in | 3" | | 3" | | 3" | |
| Drainage capacity | gal/min | 52.8 | | 52.8 | | 52.8 | |

DIMENSIONS / DIMENSIONS WITH PACKAGING

| | | | | |
|-------------------------------|-------|---------------|---------------|------------|
| Width / Width | in | 28.3 / 31.5 | 28.3 / 31.5 | 31 / 33 |
| Depth / Depth | in | 26.4 / 39 | 32.67 / 39 | 33 / 39.76 |
| Height / Height | in | 45.59 / 53.14 | 45.59 / 53.14 | 51.45 / 59 |
| Net weight / Gross weight | lbs | 478 / 496 | 526 / 545 | 620 / 664 |
| Gross volume (with packaging) | cu ft | 37.8 | 37.8 | 46 |

* Program n° 20, 75 % load.



- ① Soap dispenser.
- ② Emergency stop.
- ③ USB port.
- ④ Drain.
- ⑤ Electrical connection to liquid soap pumps.
- ⑥ Electrical connection.
- ⑦ Main switch.
- ⑧ Auxiliary water inlet.
- ⑨ Hot water inlet.
- ⑩ Ground connection.
- ⑪ Cold water inlet.
- ⑫ Water overflow.
- ⑬ Connection for liquid soap.
- ⑭ Steam connection.

| DIMENSIONS (in) | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | CGY | CGZ |
|-----------------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|------|------|------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| FWS-25 TP2 | 28.31 | 26.93 | 45.59 | 12.20 | 14.69 | 5.67 | 17.32 | 34.88 | 41.50 | 35.00 | 42.24 | 37.72 | 2.40 | 2.91 | 3.98 | 12.44 | 14.80 | 25.08 | 18.70 | 8.31 | 25.75 | 23.90 | 42.24 | 16.69 | 44.02 | 15.08 | 20.12 |
| FWS-30 TP2 | 28.31 | 32.68 | 45.59 | 12.20 | 14.69 | 5.67 | 17.32 | 34.88 | 41.50 | 35.00 | 42.24 | 37.72 | 2.40 | 2.91 | 3.98 | 12.44 | 14.80 | 25.08 | 18.70 | 8.31 | 25.75 | 23.90 | 42.24 | 16.69 | 44.02 | 15.08 | 20.12 |
| FWS-40 TP2 | 31.02 | 33.07 | 51.46 | 13.70 | 18.11 | 4.25 | 21.73 | 40.75 | 47.36 | 40.87 | 48.11 | 43.58 | 2.40 | 2.91 | 3.98 | 15.16 | 17.52 | 27.80 | 21.42 | 9.80 | 28.50 | 26.61 | 47.36 | 19.09 | 47.32 | 18.86 | 21.50 |

