



Machflow Plus Brushless

mediclinics

EN

Sensor operated

Eco-Fast

Ref. M19A-B-C-CS-
FIL-I-PLUG

OVERVIEW

- Automatic hand dryer.
- Compact and robust design. Highly suitable for high-traffic areas.
- Brushless motor.
- Equipped with a new air-concentrating nozzle, which helps to channel the airflow over the hands much more effectively.
- Supplied as standard with all the necessary elements for wall mounting.

TECHNICAL DATA

Voltage & Frequency	100-120 V/220-240 V 50/60 Hz
Electrical Isolation	Class I
Total power	250-1.100 W
Consumption	1,3-4,8 A
Motor power	900 W
Rpm	17.600-27.600
Heating element power	200 W
Weight / Weight with plug-in	5,5 kg / 6,0kg
Drying time	8-15"
Air speed	220-340 Km/h
Air temperature	42 °C
Sound pressure	67-74 dBA
Protection rating	IP23

M19A/M19A-FIL/M19A-I/
M19A-FIL-PLUG/M19A-I-PLUG

Steel

White

M19AB/M19AB-FIL/M19AB-I/
M19AB-FIL-PLUG/M19AB-I-PLUG

Steel

Black

M19AC/M19AC-FIL/M19AC-I/
M19AC-FIL-PLUG/M19AC-I-PLUG

Stainless Steel AISI
304

Bright

M19ACS/M19ACS-FIL/M19ACS-I/
M19ACS-FIL-PLUG/M19ACS-I-PLUG

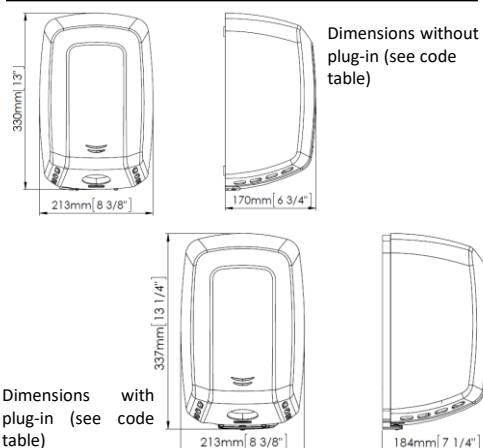
Stainless Steel AISI
304

Satin

COMPONENTS AND MATERIALS

- **Cover:** 1,5 mm thickness, in one piece without welding.
- **Base plate:** PA6V0 fire resistant plastic. It incorporates 4 silent-blocks to cushion mechanical vibrations.
- **Interior set:** made of PA6V0 fire resistant plastic.
- **Motor:** vacuum universal brushless motor, F class.
- **HEPA filter (optional):** filters suspended solid particles (pollen, dust mites, tobacco smoke, etc.), significantly improving air quality.
- **Ionizer (optional):** "Ion Hygienic" technology using anion emission to eliminate airborne germs and particles.
- **Plug-in (optional):** quick machine mounting/dismounting kit. Available separately under code KTP009 (see the corresponding technical data sheet) or supplied as standard with the machine (see code table).
- **Odor neutralizer (optional):** available under code RCFB001, it fragrances and deodorises the environment.

DIMENSIONS



OPERATION

- Place your hands underneath the air outlet. The hand dryer will activate automatically and operate continuously until the hands are removed from the sensor's detection range. The device will automatically stop two seconds after the user removes their hands or after 60 seconds of continuous operation.
- Adjustable detection distance by means of a potentiometer (5–25 cm).

PVD COATING AVAILABLE (consult us)



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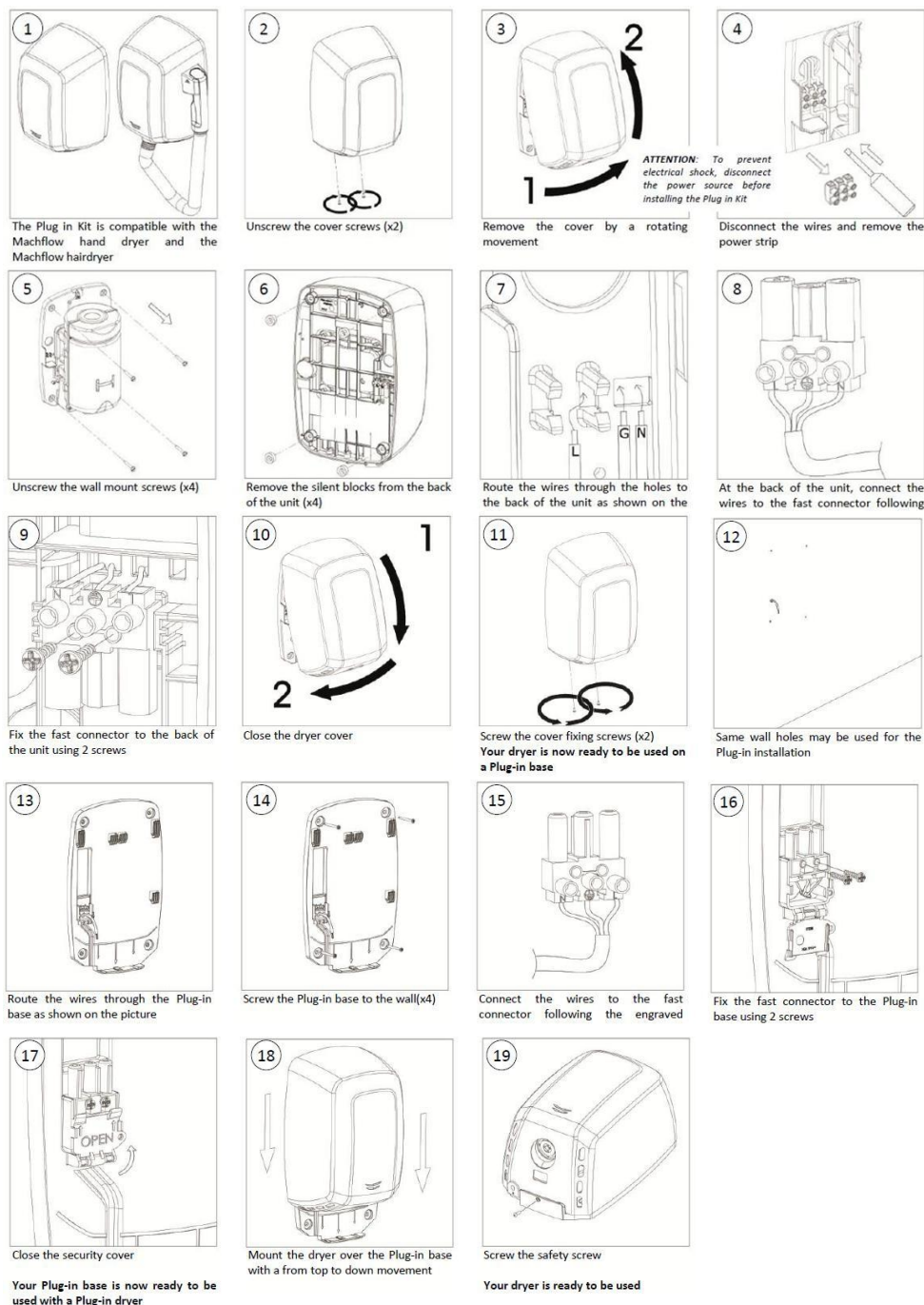
REVISION:
09-26

PLUG-IN SYSTEM

The “Plug-in” technology of Machflow® Plus Brushless is an easy, practical, fast and safe system for installing and removing the hand dryer, making maintenance much more efficient while reducing maintenance costs.

With Machflow® Plus Brushless “Plug-in” technology, the hand dryer can be installed in just three steps and replaced in less than 10 seconds thanks to its SMED system (“Single-Minute Exchange of Die”: tool change in a single-digit number of minutes). Maintenance can be carried out more efficiently in the maintenance workshop, and the system provides complete protection against electric shocks. All these benefits help reduce maintenance costs.

Installation of the hand dryer using the Plug-in system (when purchased separately from the machine as kit KTP009) is carried out as shown below:



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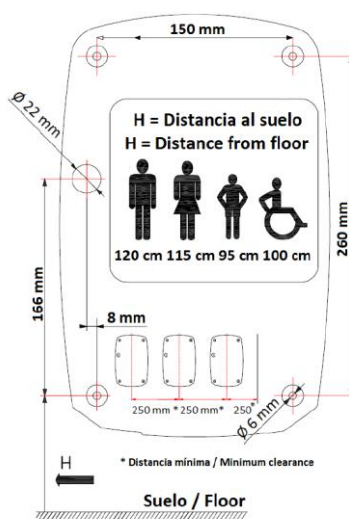
GUIDE SPECIFICATION

Hands-under automatic hand dryer shall be equipped with an infrared sensor located at the bottom of the unit. The dryer shall weigh 5,50 kg. The housing shall be available in white or black finished steel, or in AISI 304 stainless steel with polished or satin finish, as well as in various PVD finishes. The housing shall have a thickness of 1,5 mm. The dryer shall be equipped with a brushless Class F motor with an adjustable speed range between 17.600 and 27.600 rpm and motor power between 250 and 900 W. A heating element with an on/off switch and 200 W of power shall be included. The unit shall operate at a frequency of 50/60 Hz and voltage of 100–240 V, with a total power range of 250–1,100 W with a consumption of 1,3 to 4,8 A. Drying time shall be between 8 and 15 seconds, with an airspeed of 220–340 km/h. The motion detection distance shall be adjustable via potentiometer, from 5 to 25 cm. The unit shall offer a HEPA filter and an ionizer, both optional. Plug-in system shall be optionally available. The unit shall comply with current applicable standards for hand dryers (EN 60335-1, EN 60335-2-23, EN 61000-3-2, and EN 61000-3-3).

≡ CODES

Material/finish	Neither HEPA filter nor ionizer nor Plug-in	With HEPA filter	With HEPA filter + Ionizer	With HEPA filter + Plug-in	With HEPA filter + Ionizer + Plug-in
Steel/white	M19A	M19A-FIL	M19A-I	M19A-FIL-PLUG	M19A-I-PLUG
Steel/black	M19AB	M19AB-FIL	M19AB-I	M19AB-FIL-PLUG	M19AB-I-PLUG
Stainless steel AISI 304/bright	M19AC	M19AC-FIL	M19AC-I	M19AC-FIL-PLUG	M19AC-I-PLUG
Stainless steel AISI 304/satin	M19ACS	M19ACS-FIL	M19ACS-I	M19ACS-FIL-PLUG	M19ACS-I-PLUG

ASSEMBLY / RECOMMENDED INSTALLATION HEIGHTS



CERTIFICATIONS



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