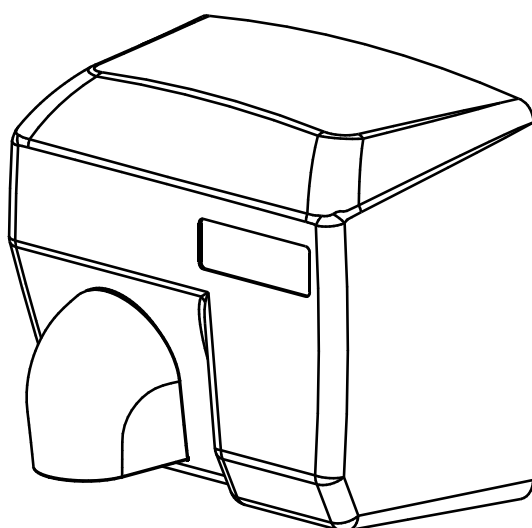


Hand Dryers

Touch-Free

HK/HD-2400PA

HK/HD-2400MA



Hand Dryer Operating Instructions and Parts Manual (Automatic)

Description: HK-2400PA HK-2400MA

Automatic operation hand dryer.

Casing: HK-2400PA-Steel cover; 2.0 mm thick, porcelain enameled coating.

HK-2400MA-Steel cover; 2.0 mm thick, bright chromed.

Brush motor : 200W, 5500 R.P.M.

Designed with 105°C (221°F) thermostat.

Heater assembly : Designed with 65°C (149°F) thermostat.

Dryer shall deliver 345 m³/h (202 CFM).

Air speed: 28 m/s. (101 km/h)

Sound level : 70±3 db.

Approximately 20-25 seconds drying time.

Adjustable sensitive distance of sensor from 10 to 30 cm.

Power cut off automatically in case of irregular use over 120 seconds.

2 vandal-proof lock screws and key wrench.

Drip proof : IPX1

Nozzle : Nozzle in chrome plated zinc.

Weight: HK-2400EA-11.5kgs (25.3 lbs) unpacked ; 12.0kgs (26.4 lbs) packed.

HK-2400PA/HK-2400MA-7.0kgs (15.4 lbs) unpacked ; 7.5 (16.5 lbs)kgs packed.



HK-2400PA



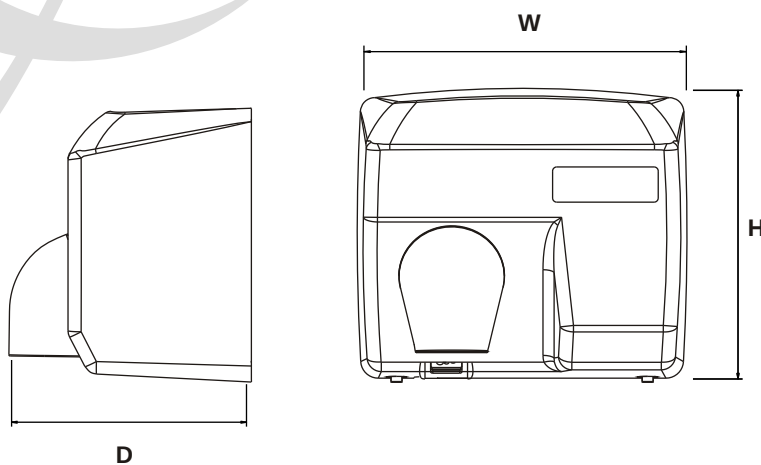
HK-2400MA

Certification:



Specifications and Dimensions

Model	Volts	Watts	Amps	Housing Dimensions: mm (in)		
				L	W	H
HK-2400PA /MA	220/240Vac	2.0/2.4kw	9.2/10A	284 mm(11 3/16")	248 mm(9 3/4")	202 mm(8")



General safety information

▲ WARNING *Disconnect power before installation or servicing.*

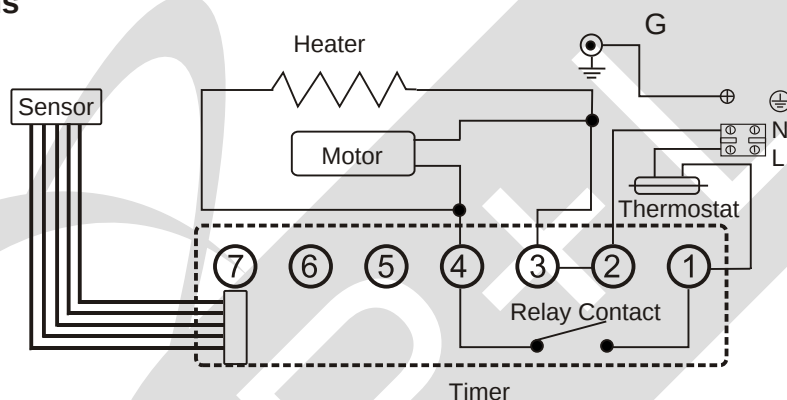
▲ WARNING *This product intended for installation by a qualified service person. Use 1.2 mm² solid conductor for wiring.*

▲ WARNING *All units must be supplied with a 3-wire service. The ground wire must be connected to the dryer's backplate.*

▲ DANGER *Failure to properly ground unit could result in severe electrical shock and/or death.*

NOTE: Do not install dryer over washbasin.

Wiring Diagrams



Installation

1. Fix the position card on the wall.
Suitable height for hole "D" is 130 cm (50") from ground.
2. Drill 4 holes
(A. B. C. D. 8 mm (5/16") diameter: 35 mm (1 3/8") depth.)
3. Take off the mounting instruction sheet.
Hammer dowels into 4 holes.
4. Remove the housing from the base plate; fix the base plate firmly on to the wall.
5. Connections:
 - A. Connect the live wire (colored red or brown) to the terminal block marked "L".
 - B. Connect the neutral wire (colored black or blue) to the terminal block marked "N".
 - C. Connect the ground wire (colored green and yellow) to the green screw marked "G".
6. Attach housing back to base plate.

Operation

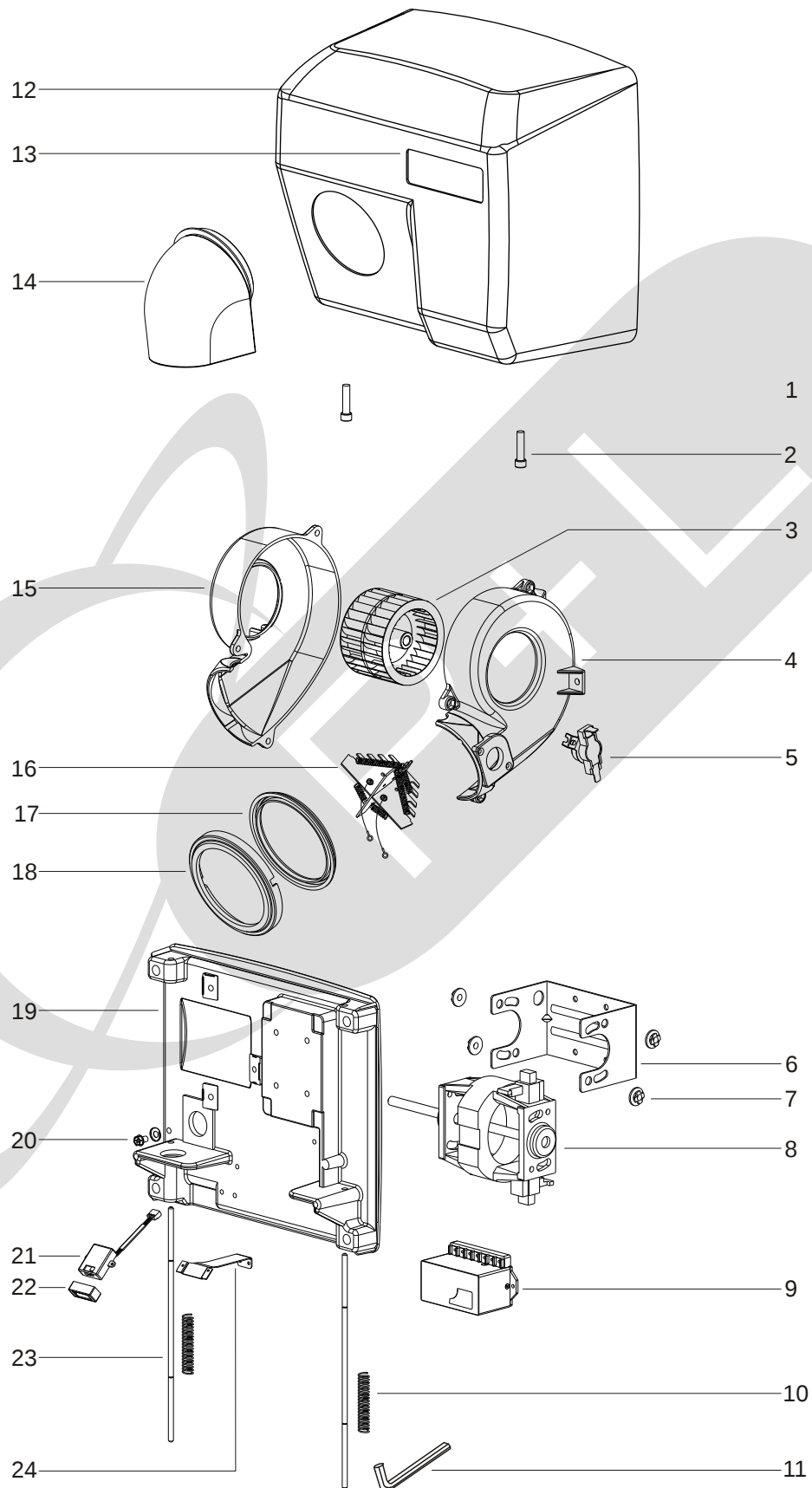
Shake excess water from hands.
Place hands under the outlet to start operation.
Rub hands lightly and rapidly.
Stops automatically when hands are removed.

Maintenance

Easy to maintain. If the surface is dirty or dusty just wipe to clean.

Trouble shooting Chart

Symptom	Corrective Action
Blower motor stops running	Turn off power to the dryer at electrical panel. Remove cover. Check all wiring connections from terminal board to the motor. Check blower wheel and spin to make sure it rotates freely: Look for objects blocking the free movement. Replace cover and turn on power to the hand dryer. If motor fails to start, have a qualified electrician check the Push-On-Switch, thermostat, motor and capacitor for proper operation. Replace if necessary.
Dryer blows cold air	Turn off power to the dryer at the electrical panel. Remove cover. Check all wiring connections to make sure all terminals are firmly mounted in place and the wire insulation is in good condition. Have a qualified electrician check the thermal cut off and heating element. Replace cover, turn on power to the hand dryer. If dryer continues to blow cold air, replace defective thermal cut off and/or heating element.
Dryer does not respond to hand movement	Make sure power is on and available to the unit. Place hands under sensor. A clicking sound indicates sensor is functioning properly. No clicking sound would indicate a bad sensor and/or contactor. Replace if necessary.
Dryer will not shut off or will not run for a complete cycle	Replace timer assembly



Repair parts list

Part number for

Reference Number	Description	HK-2400PA/MA	Qty.
1	Air inlet guard	----	1
2	Fix screw	D16-0001	2
3	Fan blower	C16-0001	1
4	Fan enclosure B	A26-0002	1
5	Thermostat	E66-0001	1
6	Motor mounting bracket	C16-0002	1
7	Motor rubber	G16-0002	4
8	Motor	E16-0003	1
9	Timer assembly	TIA02	1
10	Fix shaft spring	R16-0001	2
11	L Key	D16-0002	1
12	Enclosure	C16-0005/6	1
13	Plate	K16-0001	1
14	Air outlet	B16-0002	1
15	Fan enclosure A	A26-0001	1
16	Heater assembly	T26-0003	1
17	Air outlet rubber ring	G16-0001	1
18	Air outlet holder	B16-0004	1
19	Base plate	B16-0001	1
20	Grounding screw	D01-002	1
21	Sensor	F02-003	1
22	Sensor rubber	G26-0003	1
23	Fix shaft	D16-0003	2
24	Sensor mounting bracket	C16-0003	1