



**HYGOFLOW HAND DRYERS  
PART NO. 70.690**



**INSTALLATION AND OPERATING MANUAL**

## SAFETY INSTRUCTIONS

**Before to carry on any operation, please read carefully and consider the following safety instructions:**

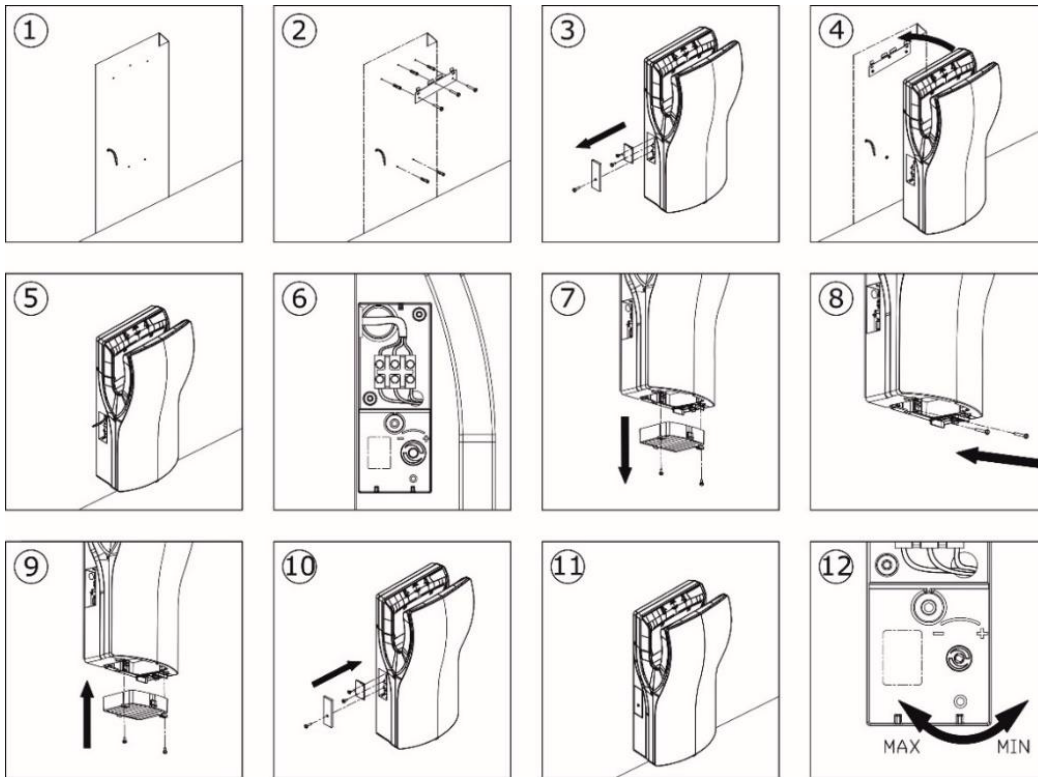
- Only a qualified technician can install, adjust and maintain this device. All these operations must be always done according to the current legal European Standards of installation and according the local installation regulations as well.
- Be careful when the casing of the appliance is dismantled because active parts of the device become accessible and then there is a potential risk of an electric shock.
- Before any electrical manipulation, the electrical current must be cut in order to avoid any electric shock risk
- Be careful because local installation requirements can ask more than 1 m of safety distance. Consider these local requirements as well.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision

## INSTALLATION

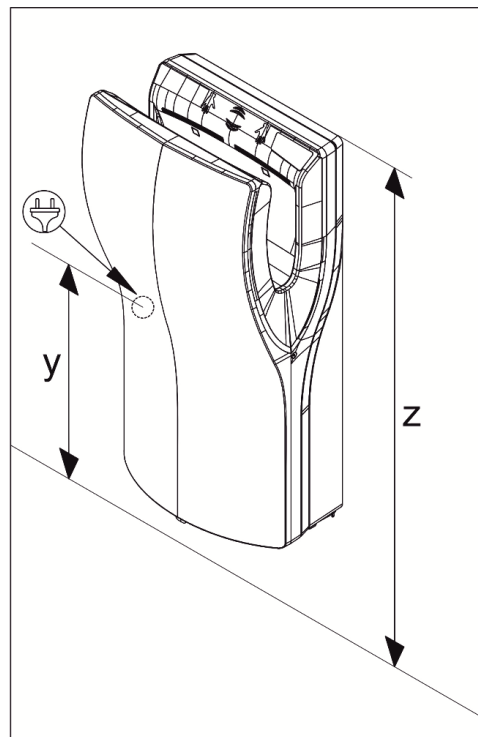
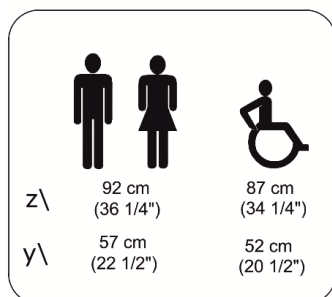
- The installation of the appliance is only allowed on fixed wiring.
- Means for disconnection of the mains with contact separations at least 3 mm (0.12") must be incorporated in the fixing wiring.
- The installer must make sure that the electric system is grounded in accordance with the law in force.
- Make sure that the electric system has a high-sensitivity breaker  $I_n \leq 0.03$  A.
- Make sure that the machine is disconnected from the electric power supply, before performing maintenance operation.
- To install the hand dryer, follow the pictures contained in the figure.
- The hand dryer must be fitted to the wall by using the upper metal plate (support) which is supplied.
- After fitting the metal plate, the hand dryer should be hung on it.

- The lower screw fits safely the appliance to the wall.

So, to assemble the hand dryer the following steps must be done:

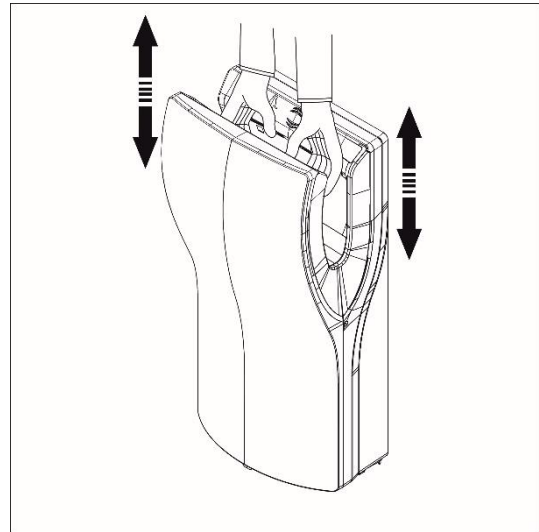


- Installation height must be the showed in the figure:



## OPERATION

- Hands must be introduced inside. Hand dryer starts automatically after introducing hands.
- Move hands vertically (as shown in Figure) in order to dry them completely.
- Green light (in standby state) led on top becomes to orange colour when dryer is in use.
- Maximum continuous operation time is  $T = 30$  sec. Drying time is less to it ( $T_d \approx 8 - 10$  sec).
- After removing hands, dryer turns off automatically.



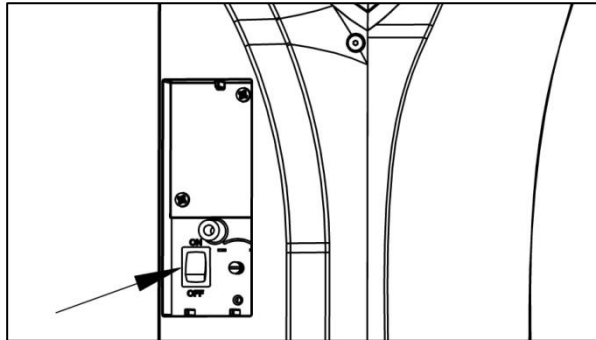
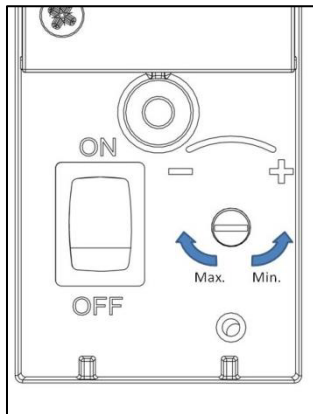
## FEATURES AND ADJUSTEMENTS

'Dualflow Plus' family of hand dryers offers the technical features as follows:

- Automatic operation. Drying cycle starts when putting hands in. Two couple of IR sensors detect hands introduction.
- Dryer is a class I (earthed) electrical insulation device.
- Drying process is based on powerful air curtains which remove water from hands.
- Speed of air can be adjusted in order to achieve an optimum balance between drying power and noise level.
- Light led's on top supply some information referred to the status of hand dryer.
- Water from hands is collected in a removable tank which may be emptied and cleaned.
- A filter is incorporated in the aspiration area whose state should be reviewed periodically. The place of fitting the air inlet filter allows easy removal and replacement. Optionally, in the aspiration area, an air-freshener can be incorporated.

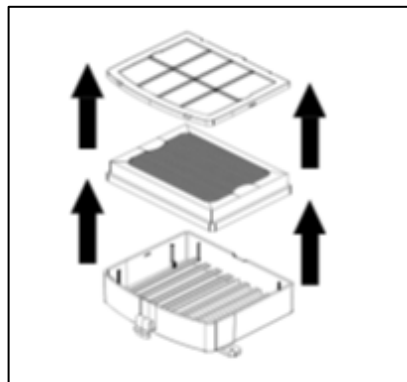
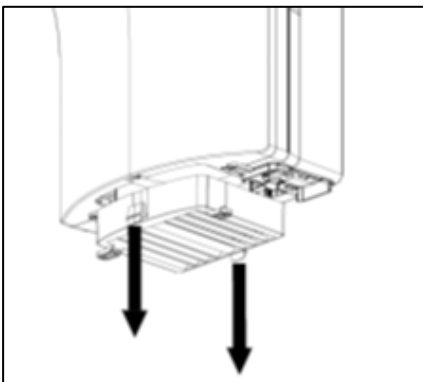
### Adjust the speed of the motor and heating element.

- To adjust the speed of the motor, turn the sensor potentiometer wheel as the picture shows.
- This dryer incorporates an internal heater that may be enabled by an ON/OFF switch (see figure).

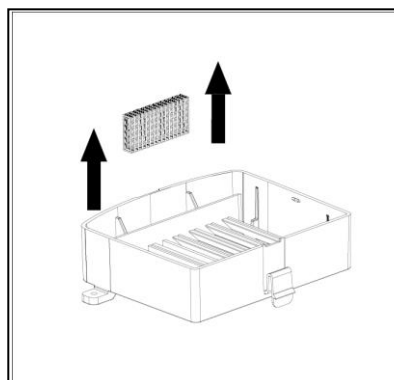


### Air filter and no smell load charge.

- Air filter must be changed as the pictures of figure shows.



- Figure shows how to install the no smell charge.

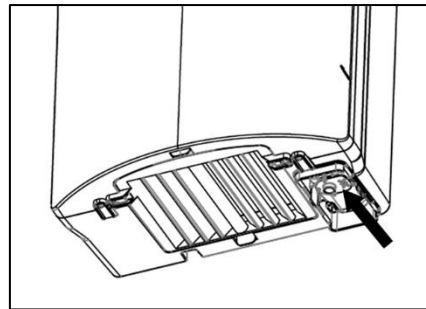
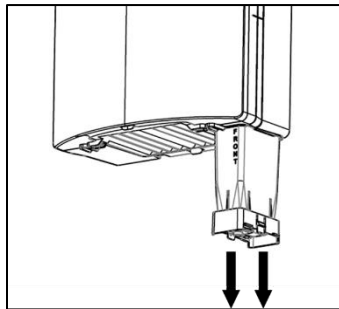


## Water tank.

Water from hands drops directly to a removable water tank. When water from the removable water tank reaches the 'full level' an acoustic alarm sounds and the blue pilot light bright (see Fig.). In this case, water in the tank must be emptied.

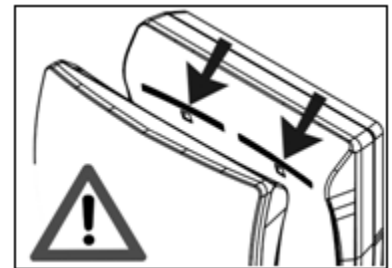
Two options to remove the water from the water tank are available:

- Press the two lateral clips and pull down the water tank, as the picture shows. Remove the water tank from its fitting place, empty and clean the tank and re-place it.
- Press the push button as indicated in Fig. until remove all the water contained into the water tank.



## Cleaning:

- For cleaning purposes, only a wet cloth is to be used. Do not use any kind of detergent, acids, lye, abrasives, hydrochloric acid, etc.
- Ensure that viewers IR LED's (interior windows machine) are clean and transparent.

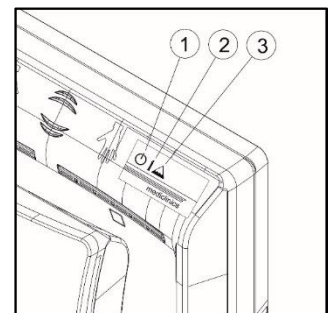


**Attention: Take care not to damage or force any component.**

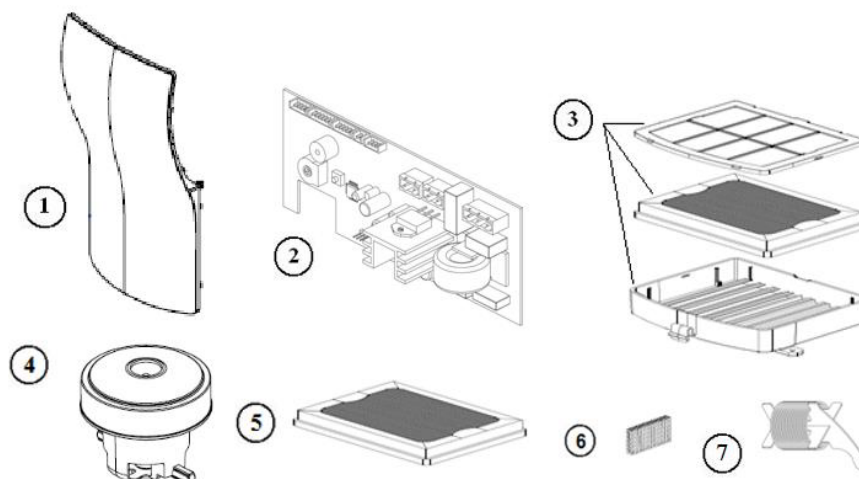
## Pilot light information

Light lids on the top of the hand dryer (see figure) give advice about:

- Standby (green colour) or operation status (orange colour).
- Red colour led bright when motor has a problem of consumption (due to brushes which may be wearing out or due to a blocked or locked state of motor).
- Blue colour led bright when cabinet of water is full.

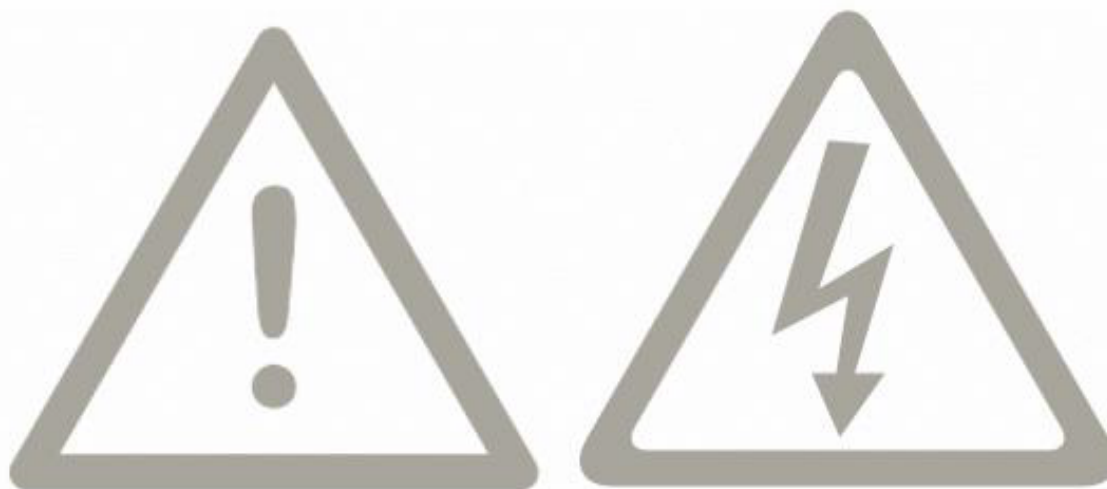




## SPARE PARTS



Num.	Mod.	COD.
1	M14A	RC9333007SMD
1	M14ACS	RC9333013SMD
1	M14AB	RC9333007NEGRO
2	M14A / M14ACS / M14AB	RC9121017SMD
3	M14A / M14ACS / M14AB	RCFILTROHEPA1
4	M14A / M14ACS / M14AB	RC9111003SMD
5	M14A / M14ACS / M14AB	RCFILTROHEPA2
6	M14A / M14ACS / M14AB	RCFB001
7	M14A / M14ACS / M14AB	RC9141008SMD

- The installer must make sure that the electric system is grounded in accordance with the law in force.
- Make sure that the electric system has a high-sensitivity breaker  $I_n \leq 0.03$  A.
- Make sure the machine is disconnected from electric power supply, before performing maintenance operation



MODELO	MODEL	MODÈLE	MODELL	M14A	M14ACS	M14AB
<b>GENERAL:</b>	<b>GENERAL:</b>	<b>GÉNÉRAL :</b>	<b>ALLGEMEIN:</b>			
<b>Clase de aislamiento:</b>	<b>Type of insulation:</b>	<b>Classe d'isolement :</b>	<b>Isolierungsklasse:</b>	Clase I / Class I / Classe I / Schutzklasse I		
<b>Acabado:</b>	<b>Finish:</b>	<b>Finition:</b>	<b>Finish:</b>	ABS blanco / White ABS / ABS blanc / Weißes ABS	ABS pintado satinado / Satin painted ABS/ ABS peint satiné / Satinierteres ABS	ABS pintado negro / Black painted ABS / ABS peint en noir / Schwarz lackiertes ABS
<b>HOMOLOGACIONES:</b>	<b>APPROVALS:</b>	<b>HOMOLOGATIONS:</b>	<b>ZULASSUN-GEN:</b>	<b>CE / VDE - GS/ VDE-EMC / GMARK</b>   <b>0016-1353</b>		

MODELO	MODELLO	МОДЕЛЬ	نموذج	M14A	M14ACS	M14AB
<b>GERAL:</b>	<b>GENERALE:</b>	<b>ОБЩЕЕ:</b>	<b>جنرال لواء:</b>			
<b>Clase de aislamiento:</b>	<b>Type of insulation:</b>	<b>Тип изоляции:</b>	<b>فئة العزل:</b>	Clase I / Classe I / класс I / فصل I		
<b>Acabamento:</b>	<b>Rifinitura:</b>	<b>Отделка:</b>	<b>ينتهي:</b>	ABS branco / ABS bianco / Белый ABS / ABS الأبيض	ABS pintado de cetim / ABS verniciato satinato / ABS-пластик с атласной краской / ABS طلاء الساتان	ABS verniciato nero ABS pintado de preto / ABS-пластик, окрашенный в черный цвет / ABS مطلي باللون الأسود
<b>HOMOLOGAÇÕES:</b>	<b>OMOLOGAZIONI:</b>	<b>СЕРТИФИКАЦИЯ:</b>	<b>الموافقات:</b>	<b>CE / VDE - GS/ VDE-EMC / GMARK</b>   <b>0016-1353</b>		



**ELIMINACIÓN DE RESIDUOS DE APARATOS ELÉCTRICOS Y ELECTRÓNICOS POR PARTE DE USUARIOS DOMÉSTICOS EN LA UNIÓN EUROPEA.**

El símbolo significa que, si desea deshacerse del producto, debe depositarlo por los medios adecuados a manos de un gestor de residuos autorizado para la recogida de Residuos de Aparatos Eléctricos y Electrónicos (RAEE).

**DISPOSAL OF WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT BY DOMESTIC USERS IN THE EUROPEAN UNION.**

The symbol means that, if you wish to dispose of the product, you must deposit it by appropriate means at the hands of a waste manager authorized for the collection of Waste Electrical and Electronic Equipment (WEEE).

**ÉLIMINATION DES DÉCHETS DES ÉQUIPEMENTS ÉLECTRIQUES ET ÉLECTRONIQUES PAR LES UTILISATEURS DOMESTIQUES DANS L'UNION EUROPÉENNE.**

Le symbole signifie que, si vous souhaitez vous débarrasser du produit, vous devez le déposer par des moyens appropriés auprès d'un gestionnaire de déchets agréé pour la collecte des Déchets d'Équipements Électriques et Électroniques (DEEE).

**ENTSORGUNG VON ABFALLPRODUKTEN ELEKTRISCHER UND ELEKTRONISCHER GERÄTE VON PRIVATPERSONEN IN DER EUROPÄISCHEN GEMEINSCHAFT**

Das Symbol bedeutet, dass Sie das Produkt, wenn Sie es entsorgen möchten, in geeigneter Weise bei einem für die Sammlung von Elektro- und Elektronik-Altgeräten (WEEE) autorisierten Entsorgungsunternehmen abgeben müssen.

**ELIMINAÇÃO DE RESÍDUOS DE EQUIPAMENTOS ELÉCTRICOS E ELECTRÓNICOS POR PARTE DE UTILIZADORES DOMÉSTICOS NA UNIÃO EUROPEIA**

O símbolo significa que, se você deseja descartar o produto, deve depositá-lo pelos meios apropriados nas mãos de um gerenciador de resíduos autorizado para a coleta de Resíduos de Equipamentos Eléctricos e Electrónicos (REEE).

