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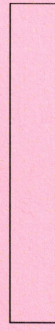
# HYPOCAMPUS

[www.hypocampus.it](http://www.hypocampus.it)

## ASCIUGABICCHIERI GLASS DRIER GP.8L – GP.5L

**Manuale d'istruzioni e manutenzione**  
**Instruction and maintenance manual**

**CE**



## INTRODUCTION

The aim of this manual is to provide all the details to make the best use a Hyppocampus glass drier and optimise its performance.

Thank you for buying this machine, which is designed specifically for professional users demanding superior quality. It is undoubtedly the most technologically advanced and dependable machine available on the market today.

## OPERATING INSTRUCTIONS

### *What the machine is designed to do*

This machine is aimed at restaurants having the laborious task to clean and polish glasses perfectly by hand, without leaving any marks, even those due to hard water (water with high levels of limestone). The glass polisher removes all watermarks left on the glasses after the dishwasher cycle. It is very easy to operate and does not require extra staff. In fact, the same staff in charge of taking the glasses out of the dishwasher also places them one by one on the brushes of the glass drier to be polished. The glasses can then be replaced on the table or the shelf, ready to be used again.

This machine perfectly polishes glasses and reduces waiting time inside the dishwasher as the glasses are required to be taken out when they are still hot, before they are dried by the heat.

### *Customer service*

If you have any technical problems, please phone our customer service on +39. 030 2650062 or send an e-mail at [export@hyppocampus.net](mailto:export@hyppocampus.net).

## TECHNICAL FEATURES

Check the label on the machine to identify the correct technical specifications of your machine.

	GP.8L	GP.5L
Number of brushes	8	5
Resistance power	1500 W	1300 W
Brush motor power	190 W	60 W
Fan power	85 W	85 W
Total electric power	1775 W	1445 W
Voltage	220 V mono / 120V	220 V mono / 120V
Noise level	60 dbA – 68 dbc	60 dbA – 68 dbc
Ground	24 KG	17 KG

## HOW THE DRIER WORKS

### *Installation instruction*

#### 2. Unpacking the machine

The machine is delivered packed in a cardboard box containing compressed polystyrene. Dispose of the packing material according to the requirements of the local recycling laws. Verify the machine's integrity and in particular the electric cables. If in doubt, ask a technician to check it before proceeding with installation.

#### 2. Positioning

The machine does not require anchoring to the floor but it must be placed so that all four feet rest on the floor, adjusting their height as required. The adjustment can be done by acting on the nut on each foot. Make sure that no objects (cloths, etc.) are placed under the glass drier (pic. 6), as they obstruct the air circulation, and that the machine is placed far from taps and/or water connections. The glass drier must not be installed outdoor, even when placed under a cover: **this is very dangerous in case of rain or thunderstorms**

#### 3. Electrical connection

First, verify that the power supplied corresponds to the machine's requirement by checking the data on the label attached on the right hand side. Check that the electric plant and the socket are suitable to supply a domestic appliance with a power of 1.8 Kw. If the socket does not correspond to the plug, ask an electrician to change it.

Do not employ an adaptor as it may cause overheating and burning.

If the electric cable is not long enough to reach the socket, do not employ an extension: either ask an electrician to change it or, preferably, find a place for the machine closer to the socket.

Make sure that the cable does not rest on sharp edges and is not compressed or bent by other objects

#### 4. Starting the machine for the first time

This operation is not different from the subsequent start ups. Remove the hood protecting the brushes and start the machine according to the instructions contained in the paragraph "How to use the glass drier".

### Controls

The machine's controls are reduced to a single on-off button (1) located on one of the corners.

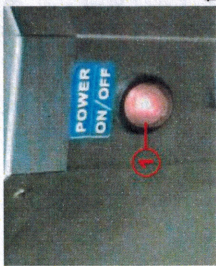
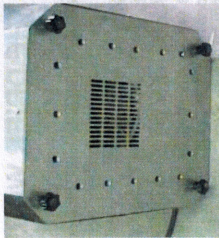


fig.1

### How to use the glass drier

The glass drier is a very simple machine to use, nevertheless it is necessary to follow some easy directions:

6. Place the glass drier next to the dishwasher, in a comfortable and ergonomic position for the operator.
7. **Check that no cloths or other objects are placed under the glass drier as they could obstruct the air grid under the machine.** This would cause the machine to overheat.
8. Insert the plug in the nearest socket.
9. Press the start button 1 in pic. 1 at least 15 minutes prior to the actual employment of the machine: the brushes start to rotate, the resistance is switched on and the fan blows increasingly



**WARNING: the brushes continue to rotate even during the 15 minutes of warm up. This is necessary to ensure that the brushes are perfectly dry. Be careful to avoid that any object gets caught in the rotation.**

10. Take glasses directly from the dishwasher and clean them as shown in the pictures below until they are dry and shiny.

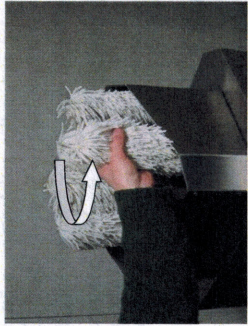


**PLEASE NOTE: the glass drier does not remove stains. Glasses must be polished while still wet. Do not leave fingerprints on the glasses before polishing.**

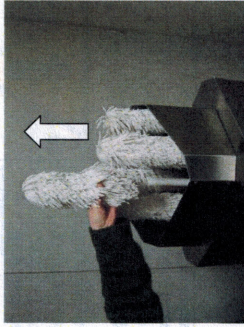
6. Once polishing has been completed, if the brushes are still clean, leave the machine on for another 15 minutes to allow them to dry out.

### Cleaning the glass drier

In order to clean the glass drier, switch the machine off and unplug it. Remove the brushes as follows:



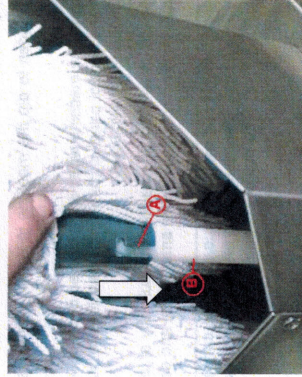
1. Rotate the brush anticlockwise while lightly pulling it upwards.



2. Remove the brush completely by slipping it off its support.

Brushes must be hand washed in warm water (max 30°) with a no-foam, neutral detergent. The body of the glass drier is made of stainless steel and can be cleaned with a common detergent usually employed in the kitchen.

**WARNING: do not place the glass drier in a container with water because it contains electrical parts that could be damaged and cause electric shock to the operator once it is switched back on.**



Replace the brushes taking care that the connecting slot (A) is inserted on the top of the support (B). If the brush is not properly fixed on the support, it will not rotate once the machine is switched back on. To verify this, once the brush has been replaced try to rotate it clockwise and then pull it lightly upwards: if the brush does not come off it has been placed correctly.

## MAINTENANCE INSTRUCTIONS

### Introduction

Installing and starting the glass drier with care ensures a long lasting service with no inconvenients and no need for particular maintenance. The guiding principle that the user should follow, and that Hypocampus

would like to stress, is that the machine requires frequent cleaning and routine maintenance, a list of operations is indicated below.

There are two basic types of maintenance:

ORDINARY MAINTENANCE, which can be done by the user.  
EXTRAORDINARY MAINTENANCE, which must be done by a qualified service engineer.

During maintenance, cleaning products and lubricants will be employed, therefore it is necessary to remind the following:



Lubricants, solvents and detergents are toxic substances, harmful to the health:

- they can cause irritation if they come into contact with the skin,
- they can cause serious intoxication if inhaled,
- they can cause death if swallowed.
- Handle with care, wearing the appropriate individual protections provided for by law.
- Do not release in the environment; dispose in conformity with the local law requirements concerning toxic waste.

### Ordinary maintenance



- To carry out any maintenance, the machine must be turned off and placed in safe conditions. The appropriate tooling must be used together with individual protection, according to the applicable laws.
- Before any maintenance, make sure that the plug is disconnected from the socket and that nobody can plug it back in accidentally.

Ordinary maintenance consists in cleaning the machine with detergents, as previously indicated.

It is forbidden to dip the machine in water. The glass drier must be prepared as indicated in "Cleaning the glass drier".

Only clean the machine when it has cooled down; after removing the brushes, clean what is left with a damp cloth. The control panel is particularly sensitive to humidity: if it gets inside the panel, it can cause a short circuit in the electronic board.

The electric cable must be checked meticulously at least once a week, using an extra lamp, to make sure that it has no scratches (even small ones) and does not present irregularities.



**If maintenance must be carried out in a poorly lit area, always employ an extra lamp to ensure that the work is executed in safe conditions according to the law requirements.**

### Extraordinary maintenance

This maintenance must be carried out only by a qualified technician.

Extraordinary maintenance is a rare occurrence and consists essentially in the replacement of one of the following:

- a damaged component
- a damaged electric cable (scratched, compressed or other)

### HANDLING AND TRANSPORT

The package must be transported employing the usual transpallet or forklift required to transport large boxes. The machine without the packaging can be transported only for short distances, taking care to unplug it from the socket first.

The people transporting it must:

- be at least two persons
- wear heavy duty gloves
- lift the machine grabbing it by the feet

### DEMOLITION INSTRUCTIONS

Before sending the machine to be demolished turn it off by unplugging it from the socket and cut the electric cable.

The main structure is made of ferrous materials (attracting a magnet) such as steel, aluminium and bronze, which means it can be disposed of as scrap.

# DICHIARAZIONE CE DI CONFORMITA'

(ai sensi della Direttiva Macchine 2006/42/CE e s.m.i., Allegato II/A)

L'azienda  
HYPOCAMPUS S.R.L.

Via A. Grandi, 14 – 25030 Torbole Casaglia (BS)

Dichiara, sotto la propria esclusiva responsabilità, che la macchina

## ASCIUGATORE PER BICCHIERI


Descrizione: macchina per asciugare e lucidare i bicchieri  
Tipo: GP5 – GP5/1 – GP.5L – GP8 – GP8/1 – GP. 8L

È conforme a tutte le disposizioni pertinenti la *Direttiva 2006/42/CE* e successive modifiche e integrazioni, recepita in Italia dal *D.Lgs. 17/2010 – Macchine*, ed alle norme:

EN60 204/1

Il fabbricante inoltre dichiara che il fascicolo tecnico della costruzione è costituito e custodito da Emilio Rolfi presso Hypocampus S.r.l. – via A. Grandi, 14 – 25030 Torbole Casaglia (BS)

Torbole Casaglia, luglio '16



Adriano Zanotti  
Responsabile del fascicolo tecnico

# DECLARATION CE OF CONFORMITY

HYPOCAMPUS S.R.L.

Via A. Grandi, 14 – 25030 Torbole Casaglia (BS) - Italy

declare under sole responsibility that the product

## GLASS DRIER

Description: glass drier and polisher  
Model: GP5 – GP5/1 – GP.5L – GP8 – GP8/1 – GP.8L

is in compliance with the following harmonised standards:

- Machinery Directive 2006/42/CE – Annex II/A, implemented by Italian Law Decree 17/2010 – *Macchine*,
- and
- EN60 204/1

Technical documentation concerning this machine is retained by Emilio Rolfi at Hypocampus S.r.l. – Via A. Grandi, 14 – 25030 Torbole Casaglia (BS), Italy.

Torbole Casaglia, July 16



Adriano Zanotti  
Responsabile del fascicolo tecnico