
GREEN COFFEE CONVEYOR

GIESEN COFFEE ROASTERS

INSTALLATION & OPERATION MANUAL

Please read this manual carefully before using. Retain the manual for further future reference.



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1.0 MANUFACTURER

The manufacturer of the Giesen External Cyclone is Giesen Coffee Roasters B.V. located in The Netherlands.

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Giesen Coffee Roasters is constantly improving its products and reserves the right to change these without prior notice. This manual contains general information and is not part of the contract. Although this manual has been compiled with the utmost care, it may contain incomplete information or inaccuracies. Giesen Coffee Roasters, therefore, disclaims all liability. Giesen Coffee Roasters advises its users at all times to consult on the use of its coffee roaster and accessories. This manual applies to the type or types of machines indicated on the front cover. These instructions meet the requirements as laid down in the applicable European directive as stated on the declaration of conformity. If there are any questions or comments, please contact Giesen Coffee Roasters. The machine can only be started when the complete manual has been read and understood. Any responsibility for damage or injury resulting from non-compliance with the instructions as described in this manual, or non-observance of normal and generally accepted caution and care during installation, operation, maintenance or repairs, even if not expressly stated, will be rejected by the manufacturer.

2.0 HOW TO USE

The standard GCC conveyor system allows you to load your green coffee beans into the hopper without having to lift up buckets with coffee. Simply load your coffee into the GCC hopper and the system transports the coffee to the hopper on your roaster.

1. Make sure the valve underneath the GCC hopper is closed
When this valve isn't closed, coffee will fall on the ground



2. Load your coffee into the GCC hopper
Simply put your coffee into the metal GCC hopper



3. Operate the switch on the GCC vacuum housing
Operate the main switch on the GCC vacuum housing which will start up the system



4. Open the valve underneath the GCC hopper

When this valve is opened, the coffee will be transported to the roasters' hopper



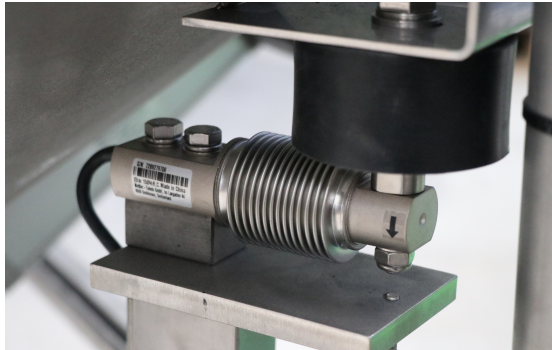
5. When the GCC hopper is empty and all the coffee is in the roasters' hopper, you can operate the main switch again to turn off the system.



3.0 ADDITIONAL GCC FEATURES

3.1 WEIGHING CELLS

The weighing cells allow you to read out how much coffee is being transported to your roasters' hopper. When your GCC system is equipped with this option, your system will have an additional control panel. You can use this control panel to tare your scales, change units and many more options. Please refer to the METTLER TOLEDO manual for full instructions on this control panel.



A weighing cell



METTLER TOLEDO control panel



Calculator unit

3.2 AUTOMATIC VALVE

Your GCC system can be equipped with an automatic release valve. This means you don't have to open the valve manually but you can open the valve with a button on your roasters' control panel.



Linear motor that operates the valve



The center button operates the automatic valve

3.3 DUST CYCLONE (W140A ONLY)

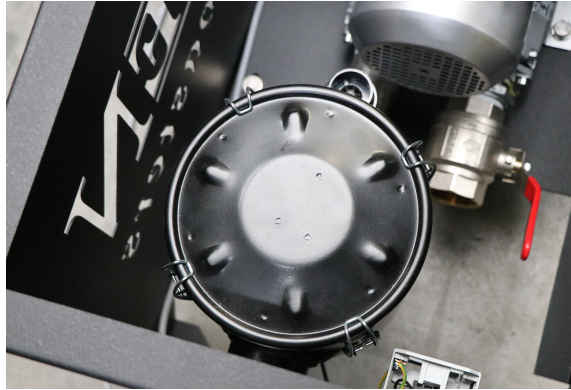
The W140A GCC system can be equipped with an additional dust cyclone. This device will be turned on at the same time as the GCC and will prevent dust and other debris from entering the hopper of the roaster. The dust cyclone can be installed between the normal tubing of the GCC.



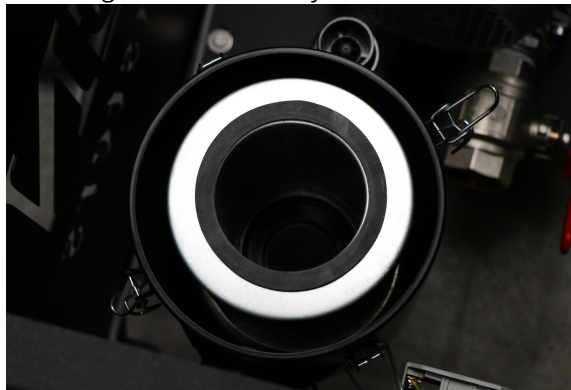
4.0 MAINTENANCE

Maintenance is important to keep your GCC system in good condition. In case of the GCC that means that the air filtration system needs to be cleaned weekly. This chapter describes the steps you need to take to do this.

1. Open the GCC vacuum box
2. Open the air filter box by loosening the four clips that hold the lid in place



3. Taking off the lid shows you the location of the air filter



4. Take out the air filter and clean it with compressed air



5. Make sure the container that holds the air filter is clean as well



6. Put the parts back together in reversed order

NOTE: The air filter needs to be replaced from time-to-time. On which frequency this occurs depends on the amount of usage and can be seen on the general condition of the air filter. Every GCC system comes with a spare air filter that you can use when the first one is too dirty. When you need an additional spare air filter, please contact Giesen support.

5.0 SPECIFICATIONS

TABLE 1. TECHNICAL SPECIFICATIONS

Induvac motor type	W6A / W15A: VC 115-510 W30A / W45A / W60A: VC 322-710 W140A: VC 375-830
Capacity (m3/h)	W6A / W15A: 210 W30A / W45A / W60A: 318 W140A: 700
Supply voltage (V)	W6A / W15A: 220 - 240 W30A / W45A / W60A: 400 / 460 W140A: 345 - 480
Supply frequency (Hz)	W6A / W15A: 50 - 60 W30A / W45A / W60A: 50 - 60 W140A: 50 - 60
Supply amperage (A)	W6A / W15A: 9 - 10 W30A / W45A / W60A: 4.35 - 4.17 W140A: 16.7 - 17.3
Power consumption (kW)	W6A / W15A: 1.5 - 1.75 W30A / W45A / W60A: 2.2 - 2.55 W140A: 7.5 - 8.6
Motor RPM (RPM)	W6A / W15A: 2920 - 3450 W30A / W45A / W60A: 2855 - 3445 W140A: 2830 - 3490
Sound level	70 (all)

6.0 CE DECLARATION OF CONFORMITY

6.1 DECLARATION OF CONFORMITY FILE

GIESEN
coffee-roasters

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Kvk-nr: 09165753
BTW: NL817325621B01



Declaration of Conformity.

Giesen Coffee Roasters B.V.
Industrieweg 13-15
7171 CK Uift

Declares that under our sole responsibility the

GCC (Green Coffee Conveyor)

Are in conformity with the provisions of the following EC Directives, including all amendments,
and with national legislation implementing these directives:

Low Voltage Directive (LVD) 2014/35/EU
EMC Directive (EMCD) 2014/30/EU
Machinery Directive (MD) 2006/42/EC

Incorporated weighing system meets in addition the essential requirements of the:

Measuring Instruments Directive (MID) 2014/32/EU

Place
Uift

Signature
Mr. Wilfred Giesen

Date
November 2018