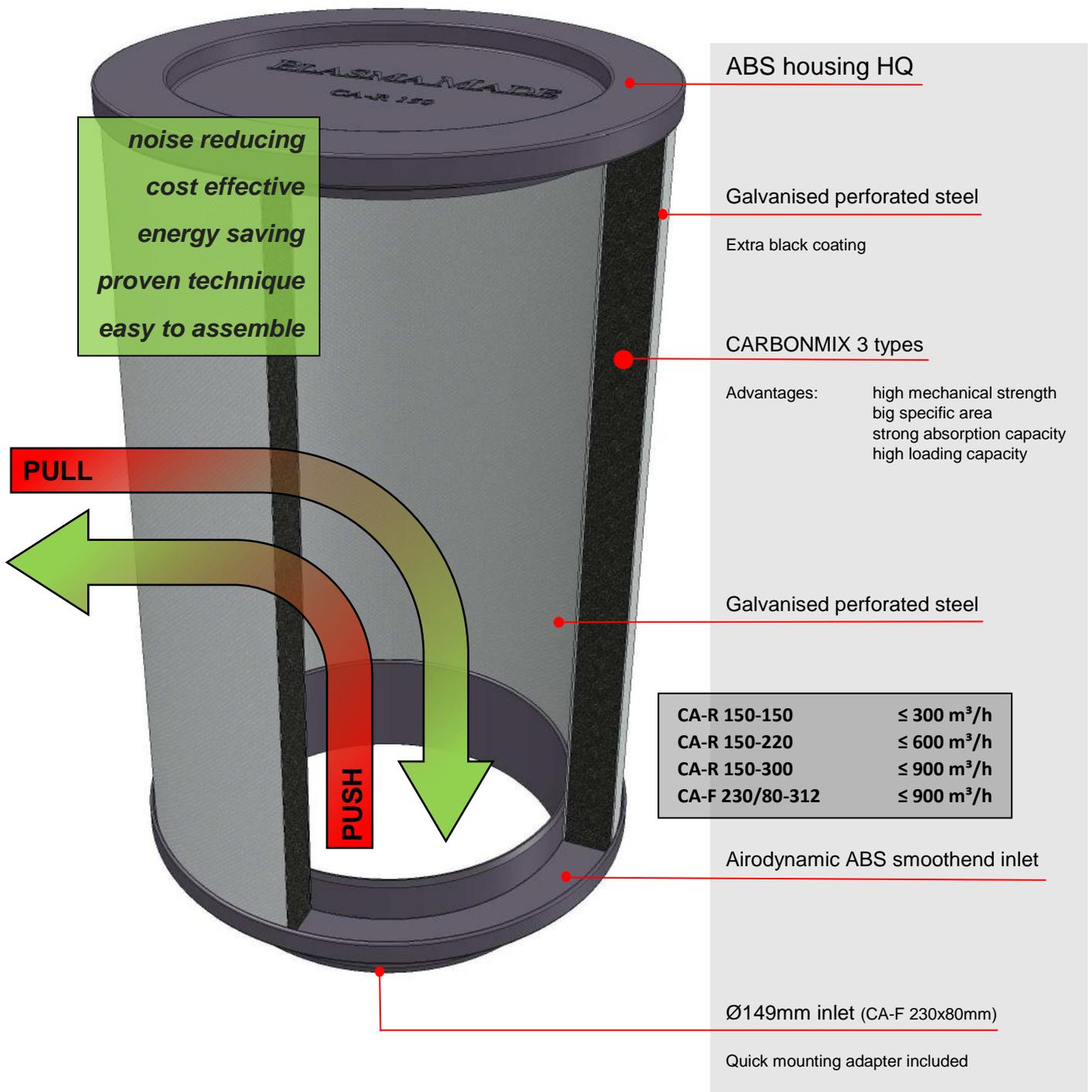


PLASMA MADE[®]

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PLASMAMADE CARBON QUICKGUIDE V1.0

The **PlasmaMade Carbon AirFilter** is specially developed for cleaning (cooking)air and can be quickly attached to any kitchen exhaust hood or any other exhaust system.

When the exhaust hood is switched on, the airflow is passes through the system. The grease filter of the kitchen hood takes out the majority of the fat and other coarse pollutants from the air passing through. The air is then blown into the **PlasmaMade Carbon AirFilter** (Push option) or pulled through (pull option).

Depending on the airflow and the amount of pollution present in the air (smoke, moisture, odors), the purposely designed carbon of PlasmaMade will eliminate the remaining impurities. Unlike the traditional PlasmaMade AirFilter, the carbon will only have a lifetime of 2-3 years when the **PlasmaMade Carbon AirFilter** is used 2 hours per 24 hours. After these 2-3 years, the filter will have to be replaced.

Carbon (C) already has a long history and an outstanding reputation when it comes down to filtering substances in gas streams and in all kinds of applications. The performance of carbon depends on its adsorption capacity. The higher the adsorption capacity the better the carbon performs in filtering out harmful particulates. The most common appliance of Carbon is for filtering drinking water and contaminated air to free it from harmful particles. There exist many different variants of Carbon, ranging from granulates to sheet material.

PlasmaMade has chosen a new carbonmix which has a larger surface area and a high absorption capacity. This new carbonmix makes our carbon very suitable for use in humid areas such as the kitchen hood during cooking. A useful feature is that the carbon absorbs moisture during cooking and returns it back to the room over the course of the day The metal coated outer and inner core are robustly constructed and coloured in black. This colour palette makes your **PlasmaMade Carbon AirFilter** a discrete addition to your system.

PlasmaMade Carbon AirFilters are suitable for use in your home, in your workplace or in any industrial environment.

The **PlasmaMade Carbon Airfilter** has several variants each built for a specific application or working area.

Ask your PlasmaMade dealer.

