

Böttgerstr. 12 （伯特格街12號）

20148 Hamburg • Germany （郵編 20148 • 德國漢堡）

客服專線 +49-040-4135-5991

www.jafaenda.de

JAFÄNDA
AFU-11

目录

过滤说明	2
产品规格	3
产品特点、产品结构	5
使用方法、过滤示间图	6
安装示意图	7
过滤器更换、组装示意图	8



过滤说明

- 过滤物料提供一种渐近式密度，具有较高的容尘量和低风阻的优点。
- 过滤物料符合 UL900 认证标准，不燃自熄。
- 过滤器物料采用打褶结构。
- 过滤器放置于金属插槽内，防止过滤器因碰损影响过滤效能。
- 过滤效率符合EN-1822 标准下 Jafaenda 级别，对 PM0.3或以上的空气悬浮物，过滤效率95%。
- 对PM2.5或以上的空气悬浮物，过滤效率为100%。
- 可针对极高浓度污染及需要洁净度极高的地方使用。

Jafaenda AFU-11 产品规格

产品规格	
产品尺寸	300mmx300mmx700mm
重量	15KG
过滤效率	PM0.3 或以上微粒子效率为≥95%@0.3um-5.33cm/s风速下测定 PM2.5 或以上微粒子效率为100%
过滤网等级	MERV 16
过滤纸面积吸	>9.5㎡(单块滤网面积x4块)
附介质重量	
风量	最高推荐风量1000m³/h
隔温	装配了高效隔温的 EPE 发泡隔温板（符合欧洲防火标准BS476第6部，等级为最严格的Class 2 级别）提供优秀的隔温防火功能
工作环境	工作环境温度在-20℃至60℃之间

风阻	
300m³/h	16pa±5%

Jafaenda AFU系列产品特点

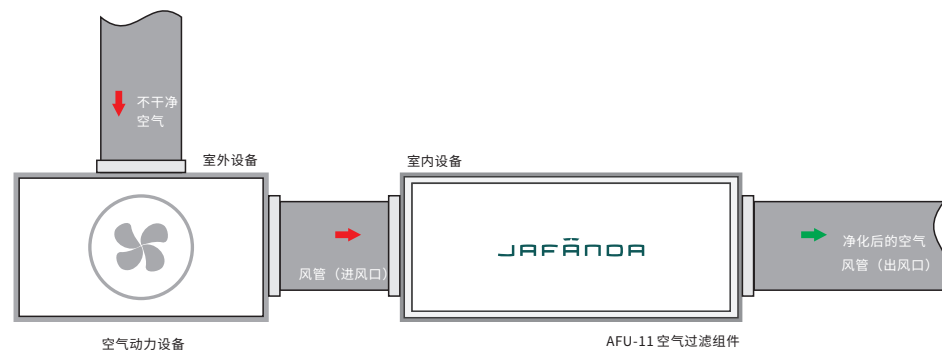
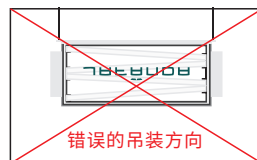
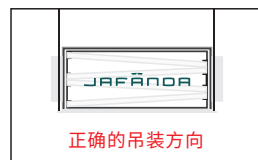
易安装	低维护	很安全
· 超薄机身设计 · 无需电气连接 · 配备吊装件，可挂墙可挂天花 · 可以安装在HVAC管道上的任何位置	· 滤网易于更换，只需拧开镙扣，即可以打开机身板并更换滤网 · 高过滤效能，减少HVAC的维护及清洁费用	· 坚固的内部结构提供高密封性能及高效可靠表现 · 全机的内部结构和表面处理均采用市面上最好之物料，符合最高防火要求

Jafaenda AFU-01产品规格

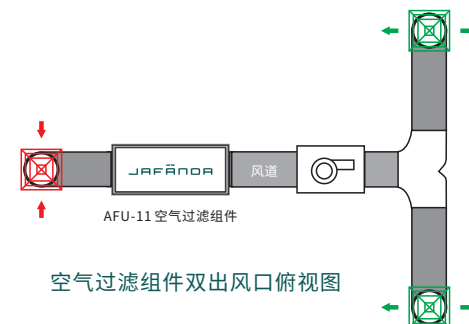
框架材质	外壳面板	外壳内壁
· 框架支撑角采用德国BASF高强度工程塑胶Nylon+30%GF，通过模具注塑成型，框架支撑杆采用高品质航空铝材通过模具冲压折弯成型，表面采用美国杜邦涂层以增强防锈抗腐能力。	· 外壳面板为1.0mm镀锌钢板构造，可拆除式，只须拧紧或松脱外壳面板的机械螺扣即可，可装或拆除面板以增加使用的灵活性，侧面板带法兰结构，方便施工安装。	· 外壳内壁是采用10mm厚优质双面覆铝箔的EPE无氟泡沫保温板，提供优良的保温隔热和声音衰减特性，同时可以消除空气泄漏的可能性。

使用方法

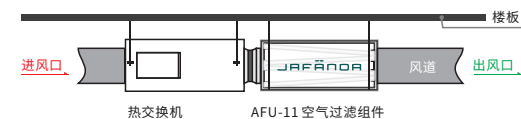
可安装于任何风管道与风管道之间及可安装在中央空调的回风或新风入口，其高效低风阻的过滤器，在不用额外增加中央空调的风压下提供高效过滤功能。



Jafaenda 雅达
AFU 系列净化示意图



空气过滤组件双出口俯视图



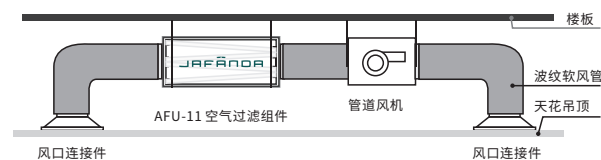
热交换风机安装示意图



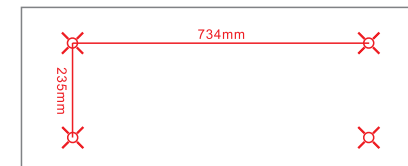
空气过滤组件单出口俯视图



新风管道安装示意图



空气过滤组件有吊顶安装示意图



吊装天花钻孔位置示意图

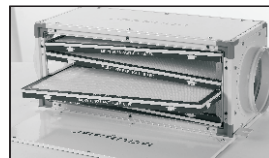
过滤器更换、组装示意图



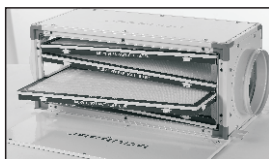
1、拧开机身盖板上的镙扣。



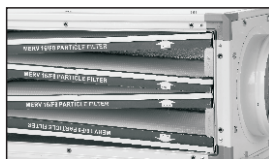
2、打开机身盖板。



3、抽出过滤器组件



4、插入更换后的过滤组件。



5、核对身体边框上提示箭头与过滤器上提示箭头是否一致。



6、合上机身盖板，拧紧镙扣固定。

Contents

General Information	10
Specifications	11
Features and Product structure	13
Installation Instruction	14-15
Filter Replacing Instruction	16



Filter Description

- The filter material has the progressive particle capture system, which features larger dust-holding capacity and smaller wind resistance.
- The filter media comply with UL900 standard.
- The filtering efficiency complies with EN-1822 standard, which reaches up to 95% for 0.3 micrometer particle .
- The filtering efficiency achieves 100% when filtering PM2.5.
- Suit in the area that has high concentration of pollution and high air quality requirements.

Jafaenda AFU-11 Specifications

Specifications	
Size	300mmx300mmx700mm
Weight	15KG
Filter efficiency	PM0.3 or above≥95%@0.3um-5.33cm/s PM2.5 or above =100%
Filter class	MERV 16
The filter media area	>9.5m ² (single filter area multiply by 4)
Air volume	1000m ³ /h (Maximum recommended)
Insulation	Equipped with EPE foam insulation board (qualify as European fireproofing standard BS476, No.2, Class 2)
Working environment	Temperature between -20℃ and 60℃

Wind resistance

300m ³ /h	16pa±5%
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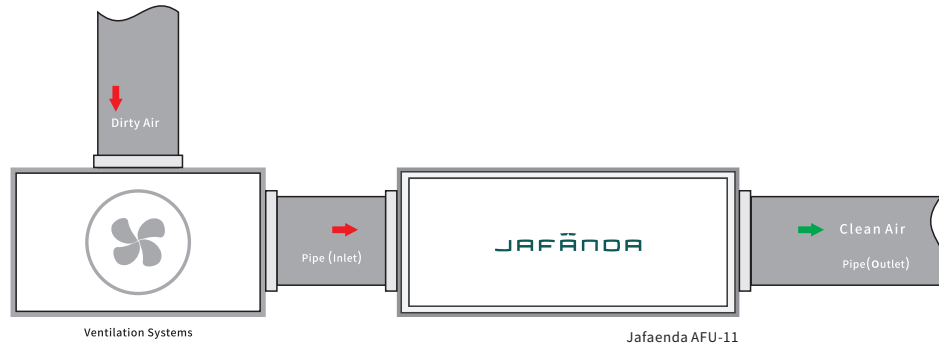
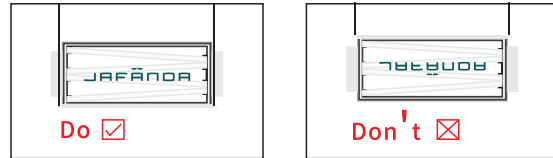
Features of Jafaenda AFU-11

Easy to be mounted	Low maintenance cost	Absolutely safe
· Ultra-slim body design · No electrical connection · Equipped with lifting hook, can be amounted on ceiling easily · Can be mounted in any position of the HAVC pipe	· Filters are easy to be replaced by unscrew manually · High filtering efficiency reduce the maintenance cost of HVAC	· Solid inner structure enhances efficiency and reliable performance. · The material used complies with the highest fireproofing requirements.

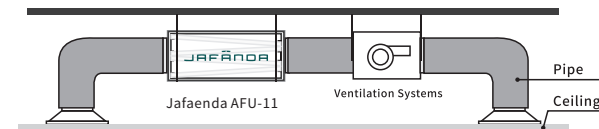
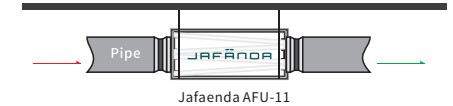
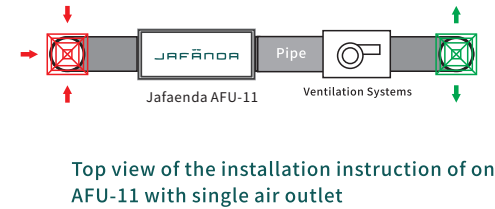
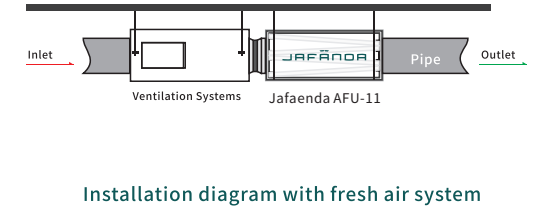
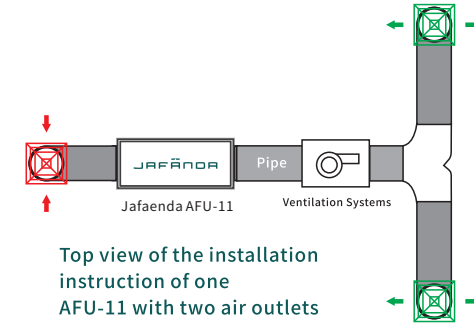
Product structure of Jafaenda AFU-11

Frame material	Panel	Inner wall of the panel
· The frame is made of BASF high strength industry plastic Nylon+30%GF. The support bars are made of aviation aluminum through stamping process. The DuPont coating material enhances the performance in antirust and anticorrosive.	· The panel is made of 1.0mm zincificated steel, which can be removed through twisting the screw manually or by using the special screw driver. The flange pipe designed for the convenience of construction and installation.	· The inner wall of panel is made of 10mm EPE non-CFC foam insulation, which has advantages in heat-insulating and sound-absorbing. In the meantime, reduces the possibility of air leakage.

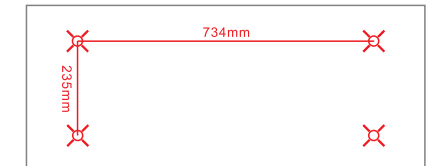
Usage Jafaenda AFU-11 can be mounted in any position of the HVAC pipe and the Fresh air inlet. The low air resistance and high efficiency filters will not increase the pressure of central Air Conditioning system.



Jafaenda AFU-11 series installation instruction



Installation diagram of ceiling mounted



Location diagram of ceiling drilling

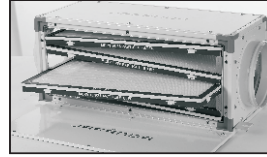
Filter Replacing Instruction



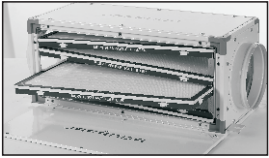
Step1.Unscrew



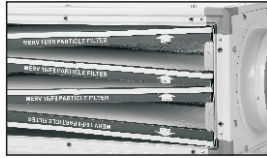
Step2.Open the cover plate



Step3.Pull out the filter units



Step4.Replace the filter units



Step5.Check the installing direction as shown in the diagram.



Step6.Close the cover plate and screw.

All the above products were authorized appearance and structure patent,and imitation is prohibited