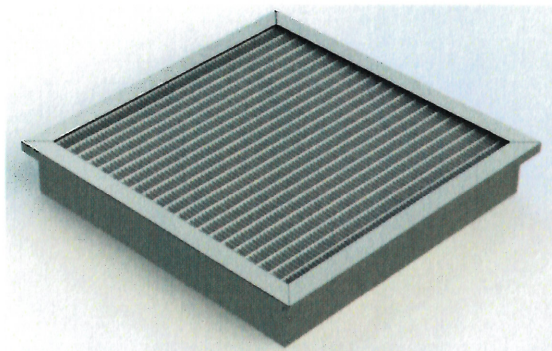


PRODUCT SPECIFICATION

Product PN	80.021.0031.00.AA – 80.021.0046.000AA	Mod. 984
Description	Bacticell Compact 100mm Filter	Rev. 02







Bacticell Compact 100mm Reduced Depth Bacticell Filter



PRODUCT DESCRIPTION	HVAC Fine Filter F6 to F9	
MANUFACTURER NAME	<p>GVS Filter Technology UK NFC House Vickers industrial estate Mellishaw Lane Morecambe Lancashire LA3 3EN United Kingdom</p> <p>Information: Tel: +44 (0) 1524 847600 Fax: +44 (0) 1542 847800 Email: gvsuk@gvs.com</p>	
INTENDED USE / APPLICATION	Various Cartridge Filter for use in HVAC applications. 100mm deep	
MATERIALS	<p>Filter media: M6/F7/F8/F9 Glass Microfibre Media</p> <p>Frame/Housing: Galvanized steel</p> <p>Color: Metallic</p> <p>Other: Silicone</p>	

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PRODUCT CHARACTERISTICS	<p>Interfaces: 20 mm Header as standard and 25mm header.</p> <p>Operating temperature Range: 0 °C to +55 °C</p> <p>Storage temperature Range: -30 °C to +55 °C</p> <p>Rated Air Flow Rate: 3400m³/hr</p> <p>Filtration Efficiency: 35% Minimum for 0.4 µm particles (F6-F9 Class)</p> <p>Initial Pressure Drop: 250Pa @ 3400m³/hr</p> <p>Final Pressure Drop: 450Pa @ 3400m³/hr</p> <p>Operating Lifetime: suggested change point at 4000Pa (Or max 2 Years)</p> <p>Shelf Lifetime: max 3 Years</p>
APPLICABLE STANDARDS AND REGULATIONS	<p>Particulate air filters for general ventilation. determination of the filtration performance - EN779</p> <p>Quality management systems. Requirements - ISO 9001</p>
PACKAGING AND LABELLING	<div style="text-align: center;">  <p>Health and Safety Guidelines Procedure for Changing Filters</p>     </div> <p>It is recommended by GVS Filter Technology that the following guidelines be adhered to for Health and Safety reasons when changing used filters.</p> <ol style="list-style-type: none"> 1. The appropriate safety equipment for the protection of personnel is to be used, i.e. gloves, face mask, eye protection (protective glasses/goggles) and overalls. 2. Dirty or used filters are to be removed from framework and sealed in polythene bags or cardboard boxes 3. Used filters to be removed from site. Dirty filters must not be left in plant rooms. 4. Used filters must be disposed of in accordance with the relevant site Health and Safety requirements or, alternatively removed from site and transported to disposal locations by a licensed carrier of waste. <p><small>UK: GVS Filter Technology is licensed by the London Waste Authority in respect of a Certificate of Registration under the control of Pollution Act as a registered carrier.</small></p> <div style="text-align: center;">  </div> <p>The bar-code label is outside the box</p> <p>Each box is labelled with the following traceability information:</p> <ul style="list-style-type: none"> ✓ Quantity ✓ Product description ✓ Product date ✓ Lot number (OL and 5 digit batch number to trace back to raw materials used) ✓ Operator code <p>Different lots on one pallet are separated closed and separately labeled</p>
CERTIFICATE OF COMPLIANCE	<p>The Quality Management system is in compliance with ISO 9001</p>

PRODUCT SPECIFICATION

Product PN

80.021.0031.00.AA – 80.021.0046.000AA

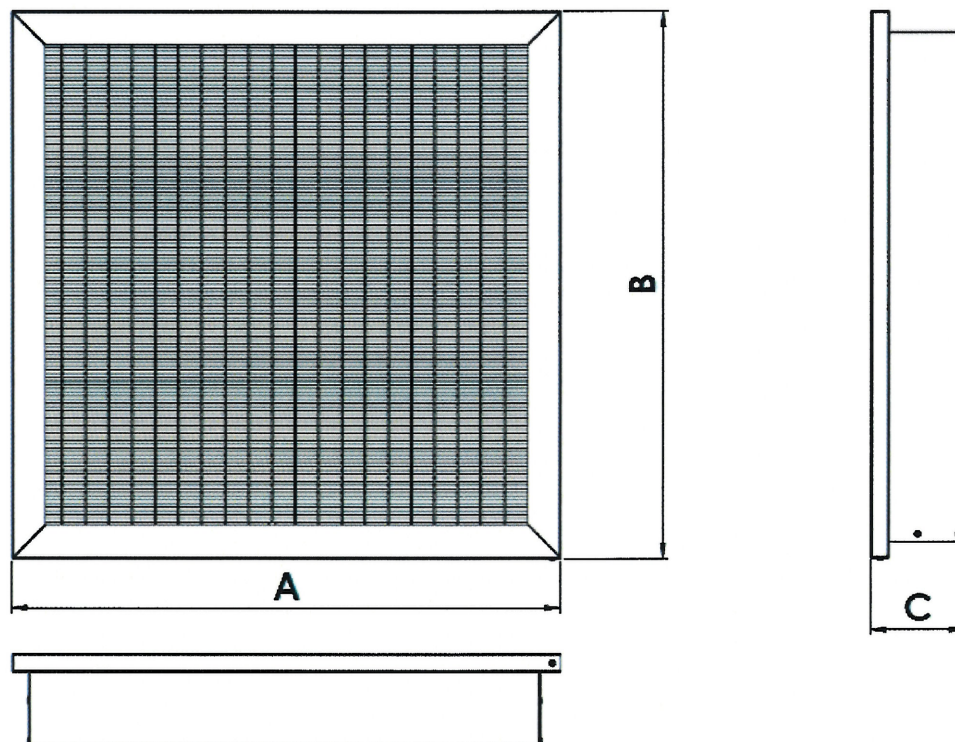
Mod.
984

Description

Bacticell Compact 100mm Filter

Rev.
02

DRAWING



Assembly number	Description	Dimensions mm		
		A	B	C
80.021.0031.00.AA	Bacticell compact -F7 592 x 592 x 100mm (24 x 24 x 4) - Steel case with 20mm header	592	592	100
80.021.0032.00.AA	Bacticell compact -F7 592 x 492 x 100mm (24 x 20 x 4) - Steel case with 20mm header	592	492	100
80.021.0033.00.AA	Bacticell compact -F7 592 x 292 x 100mm (24 x 12 x 4) - Steel case with 20mm header	592	292	100
80.021.0034.00.AA	Bacticell compact -F7 492 x 492 x 100mm (20 x 20 x 4) - Steel case with 20mm header	492	492	100
80.021.0035.00.AA	Bacticell compact -F8 592 x 592 x 100mm (24 x 24 x 4) - Steel case with 20mm header	592	592	100
80.021.0036.00.AA	Bacticell compact -F8 592 x 492 x 100mm (24 x 20 x 4) - Steel case with 20mm header	592	492	100
80.021.0037.00.AA	Bacticell compact -F8 592 x 292 x 100mm (24 x 12 x 4) - Steel case with 20mm header	592	292	100
80.021.0038.00.AA	Bacticell compact -F8 492 x 492 x 100mm (20 x 20 x 4) - Steel case with 20mm header	492	492	100
80.021.0039.00.AA	Bacticell compact -F9 592 x 592 x 100mm (24 x 24 x 4) - Steel case with 20mm header	592	592	100
80.021.0040.00.AA	Bacticell compact -F9 592 x 492 x 100mm (24 x 20 x 4) - Steel case with 20mm header	592	492	100
80.021.0041.00.AA	Bacticell compact -F9 592 x 292 x 100mm (24 x 12 x 4) - Steel case with 20mm header	592	292	100

PRODUCT SPECIFICATION

Product PN 80.021.0031.00.AA – 80.021.0046.000AA

Mod.
984

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Rev.
02

	80.021.0042.00.AA	Bacticell compact -F9 492 x 492 x 100mm (20 x 20 x 4) - Steel case with 20mm header	492	492	100
	80.021.0043.00.AA	Bacticell compact -M6 (F6) 592 x 592 x 100mm (24 x 24 x 4) - Steel case with 20mm header	592	592	100
	80.021.0044.00.AA	Bacticell compact -M6 (F6) 592 x 492 x 100mm (24 x 20 x 4) - Steel case with 20mm header	592	492	100
	80.021.0045.00.AA	Bacticell compact -M6 (F6) 592 x 292 x 100mm (24 x 12 x 4) - Steel case with 20mm header	592	292	100
	80.021.0046.00.AA	Bacticell compact -M6 (F6) 492 x 492 x 100mm (20 x 20 x 4) - Steel case with 20mm header	492	492	100
PERFORMANCE REQUIREMENTS	Acceptance Requirement			AQL	Sampling Plan
	Length (See drawing section dimation A) +/-0.5mm	Dimensional	2.5	ISO 2859 Part 1 Inspection level Special 3	
	Width (See drawing section dimation B) +/-0.5mm	Dimensional	2.5		
	Height (See drawing section dimation C) +/-0.5mm	Dimensional	2.5		
VISUAL REQUIREMENTS	Visual acceptance requirements apply when inspected under below conditions: Magnification: Unaided eye at a distance of approximately 80-100cm. Illumination: Lighting level must be reasonable for visual detection i.e. 1000Lux Timings: Maximum inspection period per item 25s				

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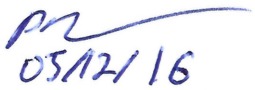

VISUAL REQUIREMENTS	Timings: Acceptance Requirement		AQL	Sampling Plan
	1	Damaged/broken item	-	100% visual
	2	Deformation / Distortion	-	
	3	Excessive glue	-	
	4	Fibre contamination - Embedded	-	
	5	Glue lines fault	-	
	6	Glue Residue	-	
	7	Glue width out of spec	-	
	8	Hole in mesh/media	-	
	9	Holes in pleat pack/seal	-	
	10	Incorrect raw material used	-	
	11	Internal damage	-	
	12	Oil/ Grease	-	
	13	Pleat pitch out of specification	-	
	14	Pleat scratched/scuffed	-	
	15	Pleat twisted/deformed	-	
	16	Soft spot in glue	-	
	17	Surface damage	-	
	18	Too little glue	-	
	19	Torn	-	
	20	Uneven glue	-	
	21	Water contamination on surface	-	
	22	Wet material	-	
	23	White particle contamination - embedded	-	
	24	White particle contamination - loose	-	
	25	Surface damage (Coating damage)	-	
	26	Crack	-	
	27	Damaged/broken item	-	
	28	Deformation / Distortion	-	
	29	Dimple Issues	-	
	30	Scratches presence	-	
	31	Surface damage	-	
	32	Incorrect assembly sequence (Check all rivets are fitted correctly)	-	
	33	PU/ Adhesive seal fault	-	

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This material specification describes the properties of product above indicated.
This document contains general requirements, material description, drawing references, defect specification, biological material requirements.

REVISIONS AND APPROVALS:

DATE	REV.	REASON FOR CHANGE	ISSUED AND CONTROLLED BY: (name /function and signature)	APPROVED BY: (name /function and signature)
05/12/2016	0	First Issue	Peter Diggles Design Engineer  05/12/16	Rebecca Law Quality Manager 

Customer Approval:

We accept this material specification as a part of the agreed terms of delivery

Company name _____

Approved by: _____
(Name, Function) (Signature)

Date _____
(Company stamp)

Please send back this document signed for approval. If we will not receive this specification signed, we consider the first order placed as implicit approval.