PRODUCT SPECIFICATION

Product PN   G3 panel range

Description   G3 Glass fibre Panel Filter

G3 Glass fibre Panel Filter HVAC Pre-filter
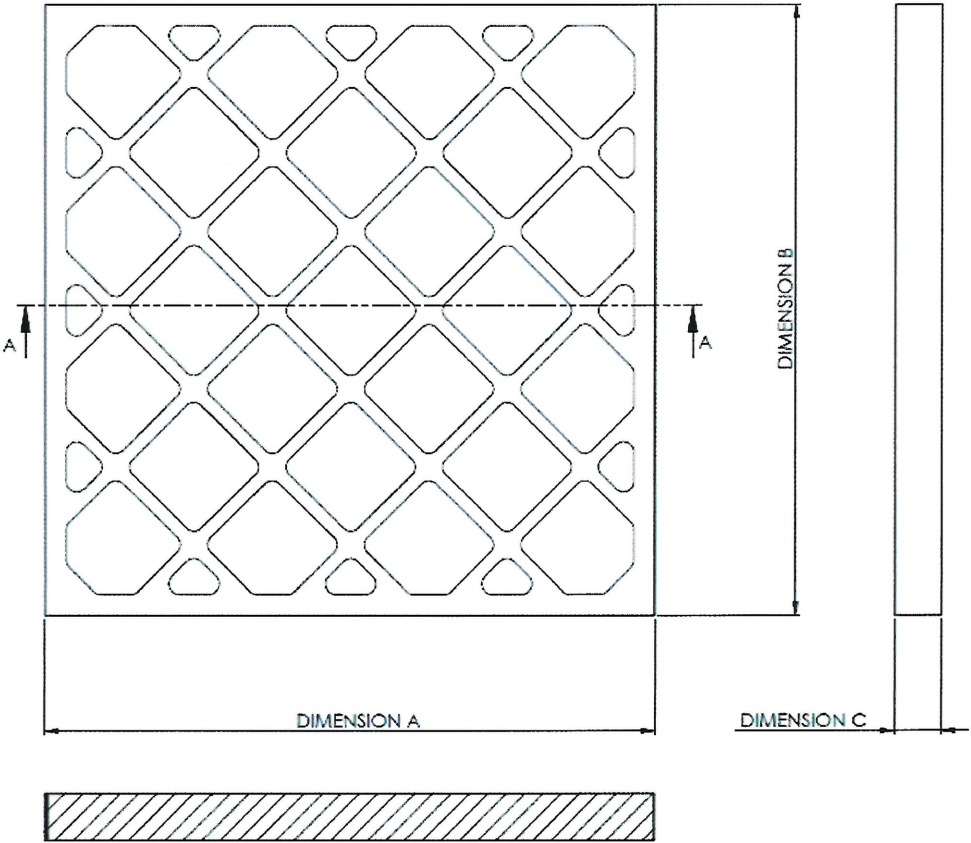
PRODUCT DESCRIPTION	G3 Glass fibre Panel Filter – 27 Standard Sizes
MANUFACTURER NAME	**GVS Filter Technology UK** **NFC House** **Vickers industrial estate** **Mellishaw Lane** **Morecambe** **Lancashire** **LA3 3EN** **United Kingdom** **Information:** **Tel:** +44 (0) 1524 847600 **Fax:** +44 (0) 1542 847800 **Email: gvsuk@gvs.com**
INTENDED USE / APPLICATION	HVAC Pre-filter
MATERIALS	**Filter media:** G3 Glass fibre media **Frame/Housing:** lined card. **Color:** White
PRODUCT CHARACTERISTICS	**Operating temperature Range:** From 0 °C to +55 °C **Storage temperature Range:** From -30°C to +60°C **Air Flow Rate:** 3400m³/h max **Filtration Efficiency:** G3 **Operating Lifetime:** 0.5 years (or pressure drop of 250 Pa, GVS advises changing filters every 3 months for best performance) **Shelf Lifetime:** 2 years **Advisable for use below 95% relative humidity**

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Rev. 02

APPLICABLE STANDARDS AND REGULATIONS	Particulate air filters for general ventilation — Determination of the filtration performance BS EN EN779 Quality management systems. Requirements - ISO 9001
PACKAGING AND LABELLING	Number of pcs per box is as follows; 1" 20 per carton 2" 10 per carton 4" 5 per carton The bar-code label is outside the box Each box is labelled with the following traceability information: ✓ Quantity ✓ Product description ✓ Product date ✓ Lot number (OL and 5 digit batch number to trace back to raw materials used) ✓ Operator code Different lots on one pallet are separated closed and separately labeled
CERTIFICATE OF COMPLIANCE	The Quality Management system is in compliance with ISO 9001
DRAWING	

SECTION A-A

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FILTER DIMENSIONS				
Product Code	**Description**	**Dimensions (mm)**		
		A	**B**	**C**
G3G.12.12.1.SUA001.020	G3 Panel filter Glass 1" 12" x 12" 291 x 291	291	291	22
G3G.12.24.1.SUA001.020	G3 Panel filter Glass 1" 12" x 24" 291 x 596	291	596	22
G3G.15.15.1.SUA001.020	G3 Panel filter Glass 1" 15" x 15" 370 x 370	370	370	22
G3G.15.20.1.SUA001.020	G3 Panel filter Glass 1" 15" x 20" 370 x 496	370	496	22
G3G.16.20.1.SUA001.020	G3 Panel filter Glass 1" 16" x 20" 395 x 496	395	496	22
G3G.16.25.1.SUA001.020	G3 Panel filter Glass 1" 25" x 20" 395 x 624	395	624	22
G3G.18.18.1.SUA001.020	G3 Panel filter Glass 1" 18" x 18" 395 x 624	448	448	22
G3G.20.20.1.SUA001.020	G3 Panel filter Glass 1" 20" x 20" 496 x 496	496	496	22
G3G.20.24.1.SUA001.020	G3 Panel filter Glass 1" 20" x 24" 496 x 596	496	596	22
G3G.12.12.2.SUA001.010	G3 Panel filter Glass 2" 12" x 12" 291 x 291	291	291	46
G3G.12.24.2.SUA001.010	G3 Panel filter Glass 2" 12" x 24" 291 x 596	291	596	46
G3G.15.15.2.SUA001.010	G3 Panel filter Glass 2" 15" x 15" 370 x 370	370	370	46
G3G.15.20.2.SUA001.010	G3 Panel filter Glass 2" 15" x 20" 370 x 496	370	496	46
G3G.16.20.2.SUA001.010	G3 Panel filter Glass 2" 16" x 20" 395 x 496	395	496	46
G3G.16.25.2.SUA001.010	G3 Panel filter Glass 2" 25" x 20" 395 x 624	395	624	46
G3G.18.18.2.SUA001.010	G3 Panel filter Glass 2" 18" x 18" 395 x 624	448	448	46
G3G.20.20.2.SUA001.010	G3 Panel filter Glass 2" 20" x 20" 496 x 496	496	496	46
G3G.20.24.2.SUA001.010	G3 Panel filter Glass 2" 20" x 24" 496 x 596	496	596	46
G3G.12.12.4.SUA001.005	G3 Panel filter Glass 2" 12" x 12" 291 x 291	291	291	97
G3G.12.24.4.SUA001.005	G3 Panel filter Glass 2" 12" x 24" 291 x 596	291	596	97
G3G.15.15.4.SUA001.005	G3 Panel filter Glass 2" 15" x 15" 370 x 370	370	370	97
G3G.15.20.4.SUA001.005	G3 Panel filter Glass 2" 15" x 20" 370 x 496	370	496	97
G3G.16.20.4.SUA001.005	G3 Panel filter Glass 2" 16" x 20" 395 x 496	395	496	97
G3G.16.25.4.SUA001.005	G3 Panel filter Glass 2" 25" x 20" 395 x 624	395	624	97
G3G.18.18.4.SUA001.005	G3 Panel filter Glass 2" 18" x 18" 395 x 624	448	448	97
G3G.20.20.4.SUA001.005	G3 Panel filter Glass 2" 20" x 20" 496 x 496	496	496	97
G3G.20.24.4.SUA001.005	G3 Panel filter Glass 2" 20" x 24" 496 x 596	496	596	97

Left side row group labels: 1" Panels, 2" Panels, 4" Panels

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VISUAL REQUIREMENTS

Visual acceptance requirements apply when inspected under below conditions:

Magnification: Unaided eye at a distance of approximately 35-40cm.
Light type: Lighting level must be reasonable for visual detection i.e. 1000Lux
Timings: Maximum inspection time per item 25 seconds

Acceptance Requirement	AQL	Sampling Plan
Internal damage	-	
Media position fault	-	
Oil/ Grease	-	
Surface damage	-	
Water contamination on surface	-	
White particle contamination - embedded	-	
White particle contamination - loose	-	
Damaged parts, deformations / sharp / rough edges..	-	100% visual inspection
Scratches presence	-	
Water damage	-	
Crack	-	
Cutting Assembler Damage	-	
Damaged/broken item	-	
Deformation / Distortion	-	
Incorrect raw material used	-	
Rough surface or edges	-	

PERFORMANCE REQUIREMENTS

Acceptance Requirement		AQL	Sampling Plan
Length (See dimension A in drawing section)	Dimensional	1	
Width (See dimension B in drawing section)	Dimensional	1	ISO 2859 Part 1 Inspection level Special 3
Height (See dimension C in drawing section)	Dimensional	1	
Mass of glue shot	Weight	1	

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

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REVISIONS AND APPROVALS:

DATE	REV.	REASON FOR CHANGE	ISSUED AND CONTROLLED BY: (name /function and signature)	APPROVED BY: (name /function and signature)
03/01/17	0	First issue	Peter Diggles Product Development Engineer	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.