

Product PN G4 panel range

Mod. 984

Description G4 Pleated Panel Filter – Non-standard range

Rev. 02

## G4 Pleated Panel Filter HVAC Pre-filter



<b>PRODUCT DESCRIPTION</b>	G4 Pleated Panel Filter – Non-standard range	
<b>MANUFACTURER NAME</b>	<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: <a href="mailto:gvsuk@gvs.com">gvsuk@gvs.com</a></p>	
<b>INTENDED USE / APPLICATION</b>	HVAC Pre-filter	
<b>MATERIALS</b>	Filter media:	G4 Synthetic media with aluminium support mesh.
	Frame/Housing Polymer:	White lined card.
	Color:	White
	Other:	Cold tack non-curing adhesive.
<b>PRODUCT CHARACTERISTICS</b>	Operating temperature Range:	From 0 °C to +35 °C
	Storage temperature Range:	From -30°C to +75°C
	Air Flow Rate:	3400m <sup>3</sup> /h max
	Filtration Efficiency:	G4
	Operating Lifetime:	0.5 years (or pressure drop of 250 Pa, GVS recommends changing filters every 3 months for best performance)
	Shelf Lifetime:	2 years
	Advisable for use below 95% relative humidity	

# PRODUCT SPECIFICATION

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<p><b>APPLICABLE STANDARDS AND REGULATIONS</b></p>	<p>Particulate air filters for general ventilation — Determination of the filtration performance BS EN EN779.</p> <p>Quality management systems. Requirements - ISO 9001.</p> <p>ROHS, directive 2011/65/EU.</p> <p>Reach 1907/2006/CE (hazardous substances regulation).</p> <p>Free from Bisphenol-A (EC NO 321/2011).</p> <p>Free from Perfluorooctane sulfonates (PFOS), Perfluorooctanoic acid (PFOA) (EC No 552/2009).</p>
<p><b>PACKAGING AND LABELLING</b></p>	<p>Number of pcs per box is as follows for stand depths;            1" 20 per carton            2" 10 per carton            4" 5 per carton</p> <p>Note – Non-standard depths will vary</p> <p>The bar-code label is outside the box            Each box is labelled with the following traceability information:</p> <ul style="list-style-type: none"> <li>✓ Quantity</li> <li>✓ Product description</li> <li>✓ Product date</li> <li>✓ Lot number (OL and 5 digit batch number to trace back to raw materials used)</li> <li>✓ Operator code</li> </ul> <p>Different lots on one pallet are separated closed and separately labeled</p>
<p><b>CERTIFICATE OF COMPLIANCE</b></p>	<p>The Quality Management system is in compliance with ISO 9001</p>

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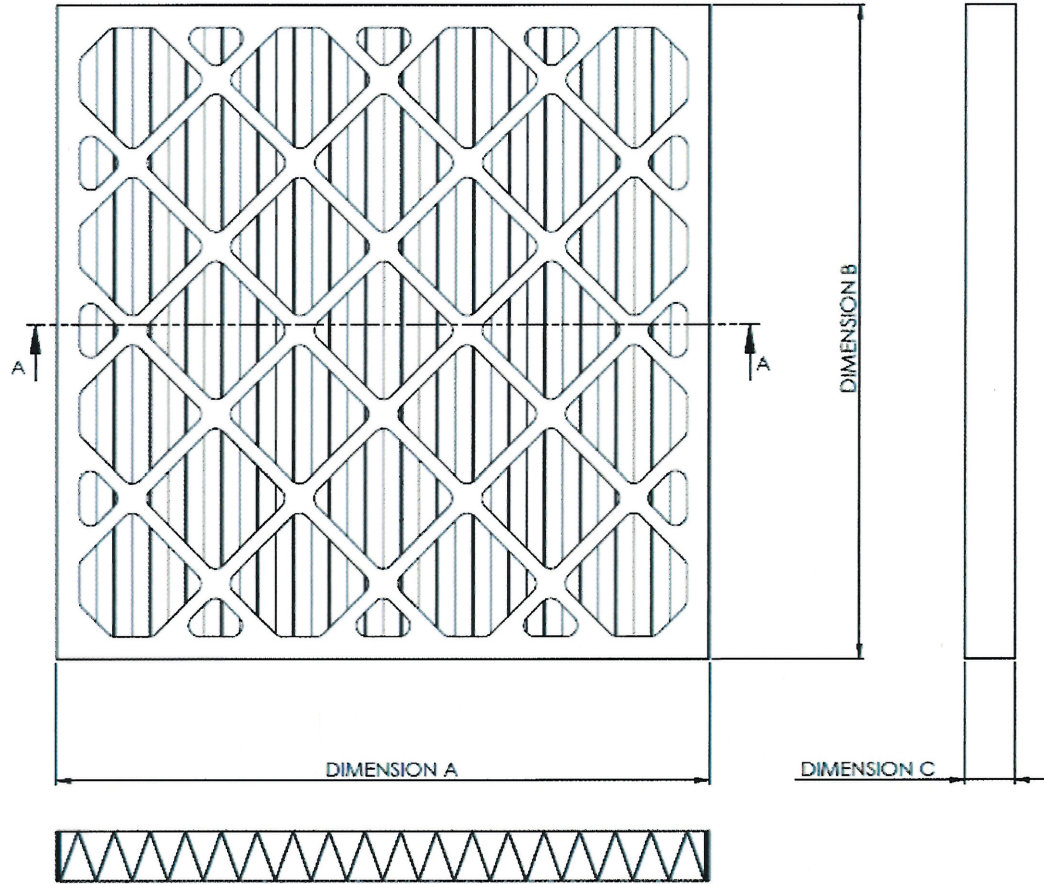
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**DRAWING**



SECTION A-A  
SCALE 1 : 4

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Order code	Description	Dimension A		Dimension B		Dimension C	
		Lower limit mm	Upper limit mm	Lower limit mm	Upper limit mm	Lower limit mm	Upper limit mm
G4P.1.04-12	G4 Pleat panel - 1" S. Dim <12" (<305mm)	100	700	100	300	18	32.5
G4P.1.12-15	G4 Pleat panel - 1" S. Dim 12"<15" (305<381mm)	100	700	301	376	18	32.5
G4P.1.15-18	G4 Pleat panel - 1" S. Dim 15"<18" (381<457mm)	100	700	377	452	18	32.5
G4P.1.18-20	G4 Pleat panel - 1" S. Dim 18"<20" (457<508mm)	100	700	453	503	18	32.5
G4P.1.20-24	G4 Pleat panel - 1" S. Dim 20"<24" (508<610mm)	100	700	504	605	18	32.5
G4P.1.24-25	G4 Pleat panel - 1" S. Dim 24"<25" (610<635mm)	100	700	606	630	18	32.5
G4P.1.25-28	G4 Pleat panel - 1" S. Dim 25"<28" (635<711mm)	100	700	631	706	18	32.5
G4P.2.04-12	G4 Pleat panel - 2" S. Dim <12" (<305mm)	100	700	100	300	32.5	69.5
G4P.2.12-15	G4 Pleat panel - 2" S. Dim 12"<15" (305<381mm)	100	700	301	376	32.5	69.5
G4P.2.15-18	G4 Pleat panel - 2" S. Dim 15"<18" (381<457mm)	100	700	377	452	32.5	69.5
G4P.2.18-20	G4 Pleat panel - 2" S. Dim 18"<20" (457<508mm)	100	700	453	503	32.5	69.5
G4P.2.20-24	G4 Pleat panel - 2" S. Dim 20"<24" (508<610mm)	100	700	504	605	32.5	69.5
G4P.2.24-25	G4 Pleat panel - 2" S. Dim 24"<25" (610<635mm)	100	700	606	630	32.5	69.5
G4P.2.25-28	G4 Pleat panel - 2" S. Dim 25"<28" (635<711mm)	100	700	631	706	32.5	69.5
G4P.4.04-12	G4 Pleat panel - 4" S. Dim <12" (<305mm)	100	700	100	300	69.5	122.5
G4P.4.12-15	G4 Pleat panel - 4" S. Dim 12"<15" (305<381mm)	100	700	301	376	69.5	122.5
G4P.4.15-18	G4 Pleat panel - 4" S. Dim 15"<18" (381<457mm)	100	700	377	452	69.5	122.5
G4P.4.18-20	G4 Pleat panel - 4" S. Dim 18"<20" (457<508mm)	100	700	453	503	69.5	122.5
G4P.4.20-24	G4 Pleat panel - 4" S. Dim 20"<24" (508<610mm)	100	700	504	605	69.5	122.5
G4P.4.24-25	G4 Pleat panel - 4" S. Dim 24"<25" (610<635mm)	100	700	606	630	69.5	122.5
G4P.4.25-28	G4 Pleat panel - 4" S. Dim 25"<28" (635<711mm)	100	700	631	706	69.5	122.5
G4P.6.04-12	G4 Pleat panel - 6" S. Dim <12" (<305mm)	100	700	100	300	122.5	150
G4P.6.12-15	G4 Pleat panel - 6" S. Dim 12"<15" (305<381mm)	100	700	301	376	122.5	150
G4P.6.15-18	G4 Pleat panel - 6" S. Dim 15"<18" (381<457mm)	100	700	377	452	122.5	150
G4P.6.18-20	G4 Pleat panel - 6" S. Dim 18"<20" (457<508mm)	100	700	453	503	122.5	150
G4P.6.20-24	G4 Pleat panel - 6" S. Dim 20"<24" (508<600mm)	100	700	504	600	122.5	150

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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	-	100%
	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..	-	
	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	ISO 2859 Part 1 Inspection level Special 3
Width (See dimension B in drawing section)	Dimensional	1	
Height (See dimension C in drawing section)	Dimensional	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)
16/01/17	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.