

# SUPASEP LGM

## NGGC Liquid Gas Coalescer Retrofit

SupaSep LGM filters are based on our innovative in-house melt-blowing expertise. Designed in conjunction with leading academics specialising in coalescing technology, the filter provides an ideal combination of efficiency and cost effectiveness in natural gas streams.

Flowing as a standard coalescer from inside to out, careful design has been applied to the multiple layers of filtration media. This ensures exceptional efficiency and drainage characteristics when operating in the saturated state.

Available in both polypropylene and polyester variants means compatibility with a wide range process conditions is possible. They are direct retrofits for the Peach Dynaceptor<sup>1</sup>

<sup>1</sup>Peach Dynaceptor is a registered trade mark of Parker Hannifin Corporation

Thermal welded construction and a stainless steel expanded core means a robust construction with no use of adhesives that can often be a point of failure in service.

### Industries & Applications

The SupaSep LGM is ideal for the economic removal of entrained liquid droplets (e.g. water, condensate, oil, amines, glycols) from gas in a wide variety of applications within Natural Gas processing plants, Power Plants and Compressor Stations.

- Compressor Protection
- Protection of Amine Sweetening equipment
- Glycol carryover removal



## Features and Benefits

- Fully thermal welded construction: no use of urethane adhesives that can fail during service
- Specially designed graded media structure to optimise removal efficiency and subsequent drainage of coalesced droplets
- Plated Steel core for increased robustness

## SupaSep LGM Technical Data

### Dimensions

Outside Diameter: 112mm (4.4")  
 Inner Diameter: 76mm (3.0")

### Maximum Operating Conditions

Temperature Continuous: Polypropylene 82°C (180°F)  
 Polyester 116°C (240°F)

Recommended Maximum Differential Pressure:

Reverse Flow (Inside to Out) : 1.7 Bard (25psi)

Recommended change-out differential pressure: 1.0 Bard (14Psid)

### Efficiency

99.99% @ 0.3 micron and above. Maximum remaining downstream liquid content <8 ppb

## Ordering Guide

11P	E	G0X -	36	B	V	A	D1
Media	Core/Assembly	Micron Rating	Length	Connections	Seal	Branding	Outside Diameter
P - Polypropylene E - Polyester	E - Polypropylene End Caps and Core  F - Nylon End Caps and Plated Steel Core	G0X - Liquid/ Gas Grade X	12 - 12" (312) 24 - 24" (324) 36 - 36" (336)	B - (SOE flat gasket)	V - Viton	A - Amazon	D1 - 4.4"

Example: 11PEG0X-36BVA = Polypropylene media, end caps and core, Liquid/Gas grade X rating, 36" long, SOE flat gasket, Viton seal.

# AMAZON FILTERS LTD.

Albany Estate, Camberley, Surrey, GU16 7PG, ENGLAND

Tel. +44 (0) 1276 670 600 Email. sales@amazonfilters.co.uk Web: www.amazonfilters.co.uk

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