

HEPALAM-90-ARN

Laminar Flow Absolute Filters



HL11ARN2PG-0610-0610-90

FILTER CODE STRUCTURE

Type	HL	HEPALAM-90		
Class EN 1822	11	E11		
Frame	A	A: Aluminum		
Media	R	R: Micro Glass Fibre Y: High Heat (Max. 120 °C)		
Pleat Depth	N	K: 48 mm	M: 58 mm	N: 75 mm
Surface Grid	2	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid		
Gasket Type	P	X: Without Gasket R: Rubber Y: High Heat	P: Polyurethane E: EPDM	
Gasket Direction	G	X: No C: Air Outlet G: Air Inlet W: Both Side		
Size		0610-0610-90		

APPLICATIONS

- To be used for absolute air filtration in controlled contamination environments clean rooms, LAF benches and operating rooms

TECHNICAL SPECIFICATIONS

Class EN 1822	E10	E11	E12
Av. Efficiency EN 1822	≥85%	≥95%	≥99.5%
Max. Temperature	80°C (Optional 120 °C)		
Relative Humidity	100 %		
Rec. Final Pres. Drop	600 Pa.		
Filter Stage	III - IV		

HEPALAM-90-ARN Series Technical Data

Code	Size W x L x D	Filter Class EN1822	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HL10ARN2PG	0305-0305-090	E10	90	3,00	150	55	1,85
HL10ARN2PG	0305-0610-090	E10	90	6,00	300	55	3,50
HL10ARN2PG	0457-0457-090	E10	90	6,50	350	55	4,25
HL10ARN2PG	0457-0610-090	E10	90	8,75	450	55	6,50
HL10ARN2PG	0610-0610-090	E10	90	11,75	600	55	6,80
HL10ARN2PG	0610-0762-090	E10	90	14,50	750	55	8,50
HL10ARN2PG	0610-0915-090	E10	90	17,00	900	55	10,00
HL10ARN2PG	0610-1220-090	E10	90	23,00	1200	55	12,50

Code	Size W x L x D	Filter Class EN1822	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HL11ARN2PG	0305-0305-090	E11	90	3,00	150	65	1,85
HL11ARN2PG	0305-0610-090	E11	90	6,00	300	65	3,50
HL11ARN2PG	0457-0457-090	E11	90	6,50	350	65	4,25
HL11ARN2PG	0457-0610-090	E11	90	8,75	450	65	6,50
HL11ARN2PG	0610-0610-090	E11	90	11,75	600	65	6,80
HL11ARN2PG	0610-0762-090	E11	90	14,50	750	65	8,50
HL11ARN2PG	0610-0915-090	E11	90	17,00	900	65	10,00
HL11ARN2PG	0610-1220-090	E11	90	23,00	1200	65	12,50

Code	Size W x L x D	Filter Class EN1822	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HL12ARN2PG	0305-0305-090	E12	90	3,00	150	90	1,85
HL12ARN2PG	0305-0610-090	E12	90	6,00	300	90	3,50
HL12ARN2PG	0457-0457-090	E12	90	6,50	350	90	4,25
HL12ARN2PG	0457-0610-090	E12	90	8,75	450	90	6,50
HL12ARN2PG	0610-0610-090	E12	90	11,75	600	90	6,80
HL12ARN2PG	0610-0762-090	E12	90	14,50	750	90	8,50
HL12ARN2PG	0610-0915-090	E12	90	17,00	900	90	10,00
HL12ARN2PG	0610-1220-090	E12	90	23,00	1200	90	12,50

HEPALAM-90-ARN

Laminar Flow Absolute Filters



HL13ARN2PG-0610-0610-90

FILTER CODE STRUCTURE

Type	HL	HEPALAM-90		
Class EN1822	13	H13		
Frame	A	A: Aluminum		
Media	R	R: Micro Glass Fibre Y: High Heat (Max. 120 °C)		
Pleat Depth	N	K: 48 mm	M: 58 mm	N: 75 mm
Surface Grid	2	0: Without Grid 1: Face Grid Air Outlet 2: Both Side with Grid		
Gasket Type	P	X: Without Gasket R: Rubber Y: High Heat		P: Polyurethane E: EPDM
Gasket Direction	G	X: No C: Air Outlet G: Air Inlet W: Both Side		
Size	0610-0610-90			

APPLICATIONS

- To be used for absolute air filtration in controlled contamination environments clean rooms, LAF benches and operating rooms

TECHNICAL SPECIFICATIONS

Class EN1822	H13	H14	U15
Av. Efficiency EN1822	≥99.95 %	≥99.995 %	≥99.9995 %
Max. Temperature	80°C (Optional 120 °C)		
Relative Humidity	100 %		
Rec. Final Pres. Drop	600 Pa.		
Filter Stage	III - IV		

HEPALAM-90-ARN Series Technical Data

Code	Size W x L x D	Filter Class EN 1822	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HL13ARN2PG	0305-0305-090	H13	90	3,00	150	100	1,85
HL13ARN2PG	0305-0610-090	H13	90	6,00	300	100	3,50
HL13ARN2PG	0457-0457-090	H13	90	6,50	350	100	4,25
HL13ARN2PG	0457-0610-090	H13	90	8,75	450	100	6,50
HL13ARN2PG	0610-0610-090	H13	90	11,75	600	100	6,80
HL13ARN2PG	0610-0762-090	H13	90	14,50	750	100	8,50
HL13ARN2PG	0610-0915-090	H13	90	17,00	900	100	10,00
HL13ARN2PG	0610-1220-090	H13	90	23,00	1200	100	12,50

Code	Size W x L x D	Filter Class EN 1822	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HL14ARN2PG	0305-0305-090	H14	90	3,00	150	115	1,85
HL14ARN2PG	0305-0610-090	H14	90	6,00	300	115	3,50
HL14ARN2PG	0457-0457-090	H14	90	6,50	350	115	4,25
HL14ARN2PG	0457-0610-090	H14	90	8,75	450	115	6,50
HL14ARN2PG	0610-0610-090	H14	90	11,75	600	115	6,80
HL14ARN2PG	0610-0762-090	H14	90	14,50	750	115	8,50
HL14ARN2PG	0610-0915-090	H14	90	17,00	900	115	10,00
HL14ARN2PG	0610-1220-090	H14	90	23,00	1200	115	12,50

Code	Size W x L x D	Filter Class EN 1822	Depth mm	Area m ²	Air Flow m ³ /h	In.Pressure Drop (pa)	Weight kg
HL15ARN2PG	0305-0305-090	U15	90	3,00	150	130	1,85
HL15ARN2PG	0305-0610-090	U15	90	6,00	300	130	3,50
HL15ARN2PG	0457-0457-090	U15	90	6,50	350	130	4,25
HL15ARN2PG	0457-0610-090	U15	90	8,75	450	130	6,50
HL15ARN2PG	0610-0610-090	U15	90	11,75	600	130	6,80
HL15ARN2PG	0610-0762-090	U15	90	14,50	750	130	8,50
HL15ARN2PG	0610-0915-090	U15	90	17,00	900	130	10,00
HL15ARN2PG	0610-1220-090	U15	90	23,00	1200	130	12,50