

HEPALAM-69-ARK

Laminar Flow Absolute Filters
Laminer Akış Mutlak Filtreler



HL12ARK2PG-0610-0610-069

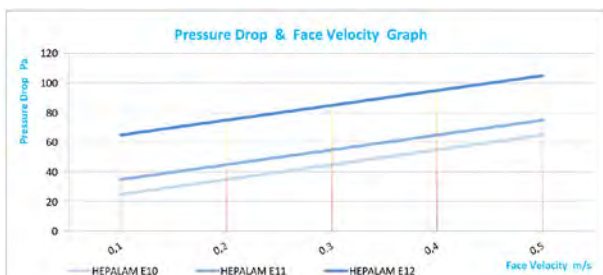
APPLICATIONS

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

UYGULAMALAR

- Mutlak hava filtrasyonu için kullanılır
- Kontrollü kontaminasyon ortamlarında
- Temiz odalar, LAF kabinleri ve ameliyathaneler

PRESSURE DROP&FACE VELOCITY GRAPH



FILTER CODE STRUCTURE FİLTRE KOD YAPISI

Filter Type Filtre Tipi	HL	HEPALAM-69
Filter Class EN 779-2012 Filtre Sınıfı EN 779-2012	12	E12
Filter Frame Filtre Çerçevesi	A	Aluminium Alüminyum
Media and Seperator Type Malzeme ve Seperator Tipi	R	Glass Fiber & Hot Melt Cam Elyaf ve Sıcak Tutkal
Filter Panel Depth Filtre Panel Derinliği	K	48 mm
Filter Surface Grid Filtre Yüzey Teli	2	Two Surface Grid İki Yüzeyi Telli
Filter Gasket Type Filtre Conta Tipi	P	Polyurethane Poliüretan
Filter Gasket Direction Filtre Conta Yönü	G	Air Inlet Hava Giriş
Filter Size Filtre Ölçüsü	0610-0610-069	

TECHNICAL SPECIFICATIONS TEKNİK ÖZELLİKLER

Filter Class Filtre Sınıfı	EN 1822 E10 E11 E12		
Av. Efficiency Ort. Verimlilik	≥ 85 %	≥95 %	≥99,5%
Max.Working Temp. Max.Çalışma Sıcaklığı	80 °C		
Relative Humidity Bağıl Nem	100%		
Final Pressure Drop Son Basınç Düşümü	600 Pa.		
Filter Stage Filtre Kademesi	II - III		

Recommended
final pressure drop ≤ 600 Pa.

Maximum
final pressure drop ≤ 1000 Pa.

HEPALAM-69-ARK Series Technical Data

HEPALAM-69-ARK Serisi Teknik Veri

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In. Pressure D. Pa.	Weight kg
HL10ARK2PG	0305-0305-069	E10	69	2,40	150	60	1,10
HL10ARK2PG	0305-0610-069	E10	69	5,00	300	60	2,25
HL10ARK2PG	0457-0457-069	E10	69	5,50	350	60	2,50
HL10ARK2PG	0457-0610-069	E10	69	7,50	450	60	3,35
HL10ARK2PG	0610-0610-069	E10	69	10,00	600	60	4,30
HL10ARK2PG	0610-0762-069	E10	69	12,20	750	60	5,55
HL10ARK2PG	0610-0915-069	E10	69	15,00	900	60	6,65
HL10ARK2PG	0610-1220-069	E10	69	20,00	1200	60	9,00
HL10ARK2PG	0762-0762-069	E10	69	16,00	900	60	7,00
HL10ARK2PG	0762-0915-069	E10	69	19,00	1150	60	8,30
HL10ARK2PG	0915-0915-069	E10	69	23,00	1350	60	10,00

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In. Pressure D. Pa.	Weight kg
HL11ARK2PG	0305-0305-069	E11	69	2,40	150	70	1,10
HL11ARK2PG	0305-0610-069	E11	69	5,00	300	70	2,25
HL11ARK2PG	0457-0457-069	E11	69	5,50	350	70	2,50
HL11ARK2PG	0457-0610-069	E11	69	7,50	450	70	3,35
HL11ARK2PG	0610-0610-069	E11	69	10,00	600	70	4,30
HL11ARK2PG	0610-0762-069	E11	69	12,20	750	70	5,55
HL11ARK2PG	0610-0915-069	E11	69	15,00	900	70	6,65
HL11ARK2PG	0610-1220-069	E11	69	20,00	1200	70	9,00
HL11ARK2PG	0762-0762-069	E11	69	16,00	900	70	7,00
HL11ARK2PG	0762-0915-069	E11	69	19,00	1150	70	8,30
HL11ARK2PG	0915-0915-069	E11	69	23,00	1350	70	10,00

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In. Pressure D. Pa.	Weight kg
HL12ARK2PG	0305-0305-069	E12	69	2,40	150	100	1,10
HL12ARK2PG	0305-0610-069	E12	69	5,00	300	100	2,25
HL12ARK2PG	0457-0457-069	E12	69	5,50	350	100	2,50
HL12ARK2PG	0457-0610-069	E12	69	7,50	450	100	3,35
HL12ARK2PG	0610-0610-069	E12	69	10,00	600	100	4,30
HL12ARK2PG	0610-0762-069	E12	69	12,20	750	100	5,55
HL12ARK2PG	0610-0915-069	E12	69	15,00	900	100	6,65
HL12ARK2PG	0610-1220-069	E12	69	20,00	1200	100	9,00
HL12ARK2PG	0762-0762-069	E12	69	16,00	900	100	7,00
HL12ARK2PG	0762-0915-069	E12	69	19,00	1150	100	8,30
HL12ARK2PG	0915-0915-069	E12	69	23,00	1350	100	10,00

HEPALAM-69-ARK

Laminar Flow Absolute Filters
Laminer Akış Mutlak Filtreler



HL13ARK2PG-0610-0610-069

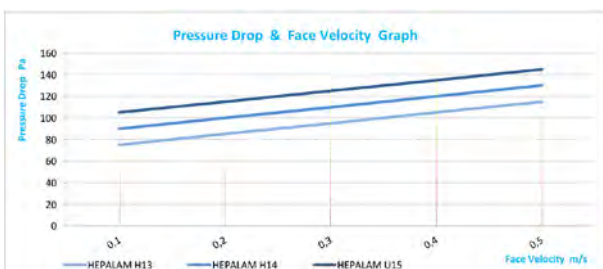
APPLICATIONS

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

UYGULAMALAR

- Mutlak hava filtrasyonu için kullanılır
- Kontrollü kontaminasyon ortamlarında
- Temiz odalar, LAF kabinleri ve ameliyathaneler

PRESSURE DROP&FACE VELOCITY GRAPH



FILTER CODE STRUCTURE FİLTRE KOD YAPISI

Filter Type Filtre Tipi	HL	HEPALAM-69
Filter Class EN 779-2012 Filtre Sınıfı EN 779-2012	13	H13
Filter Frame Filtre Çerçevesi	A	Aluminium Alüminyum
Media and Seperator Type Malzeme ve Seperator Tipi	R	Glass Fiber & Hot Melt Cam Elyaf ve Sıcak Tutkal
Filter Panel Depth Filtre Panel Derinliği	K	48 mm
Filter Surface Grid Filtre Yüzey Teli	2	Two Surface Grid İki Yüzeyi Telli
Filter Gasket Type Filtre Conta Tipi	P	Polyurethane Poliüretan
Filter Gasket Direction Filtre Conta Yönü	G	Air Inlet Hava Giriş
Filter Size Filtre Ölçüsü		0610-0610-069

TECHNICAL SPECIFICATIONS TEKNİK ÖZELLİKLER

Filter Class Filtre Sınıfı	EN 1822		
	H13	H14	U15
Av. Efficiency Ort. Verimlilik	≥ 99.95 %	≥99.995 %	≥99.9995 %
Max.Working Temp. Max.Çalışma Sıcaklığı	80 °C		
Relative Humidity Bağıl Nem	100%		
Final Pressure Drop Son Basınç Düşümü	600 Pa.		
Filter Stage Filtre Kademesi	III		

Recommended
final pressure drop ≤ 600 Pa.

Maximum
final pressure drop ≤ 1000 Pa.

HEPALAM-69-ARK Series Technical Data**HEPALAM-69-ARK Serisi Teknik Veri**

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. Pa.	Weight kg
HL13ARK2PG	0305-0305-069	H13	69	2,40	150	110	1,10
HL13ARK2PG	0305-0610-069	H13	69	5,00	300	110	2,25
HL13ARK2PG	0457-0457-069	H13	69	5,50	350	110	2,50
HL13ARK2PG	0457-0610-069	H13	69	7,50	450	110	3,35
HL13ARK2PG	0610-0610-069	H13	69	10,00	600	110	4,30
HL13ARK2PG	0610-0762-069	H13	69	12,20	750	110	5,55
HL13ARK2PG	0610-0915-069	H13	69	15,00	900	110	6,65
HL13ARK2PG	0610-1220-069	H13	69	20,00	1200	110	9,00
HL13ARK2PG	0762-0762-069	H13	69	16,00	900	110	7,00
HL13ARK2PG	0762-0915-069	H13	69	19,00	1150	110	8,30
HL13ARK2PG	0915-0915-069	H13	69	23,00	1350	110	10,00

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. Pa.	Weight kg
HL14ARK2PG	0305-0305-069	H14	69	2,40	150	125	1,10
HL14ARK2PG	0305-0610-069	H14	69	5,00	300	125	2,25
HL14ARK2PG	0457-0457-069	H14	69	5,50	350	125	2,50
HL14ARK2PG	0457-0610-069	H14	69	7,50	450	125	3,35
HL14ARK2PG	0610-0610-069	H14	69	10,00	600	125	4,30
HL14ARK2PG	0610-0762-069	H14	69	12,20	750	125	5,55
HL14ARK2PG	0610-0915-069	H14	69	15,00	900	125	6,65
HL14ARK2PG	0610-1220-069	H14	69	20,00	1200	125	9,00
HL14ARK2PG	0762-0762-069	H14	69	16,00	900	125	7,00
HL14ARK2PG	0762-0915-069	H14	69	19,00	1150	125	8,30
HL14ARK2PG	0915-0915-069	H14	69	23,00	1350	125	10,00

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. Pa.	Weight kg
HL15ARK2PG	0305-0305-069	U15	69	2,40	150	140	1,10
HL15ARK2PG	0305-0610-069	U15	69	5,00	300	140	2,25
HL15ARK2PG	0457-0457-069	U15	69	5,50	350	140	2,50
HL15ARK2PG	0457-0610-069	U15	69	7,50	450	140	3,35
HL15ARK2PG	0610-0610-069	U15	69	10,00	600	140	4,30
HL15ARK2PG	0610-0762-069	U15	69	12,20	750	140	5,55
HL15ARK2PG	0610-0915-069	U15	69	15,00	900	140	6,65
HL15ARK2PG	0610-1220-069	U15	69	20,00	1200	140	9,00
HL15ARK2PG	0762-0762-069	U15	69	16,00	900	140	7,00
HL15ARK2PG	0762-0915-069	U15	69	19,00	1150	140	8,30
HL15ARK2PG	0915-0915-069	U15	69	23,00	1350	140	10,00

HEPALAM-78-ARM

Laminar Flow Absolute Filters
Laminer Akış Mutlak Filtreler



HL11ARM2PG-0610-0610-078

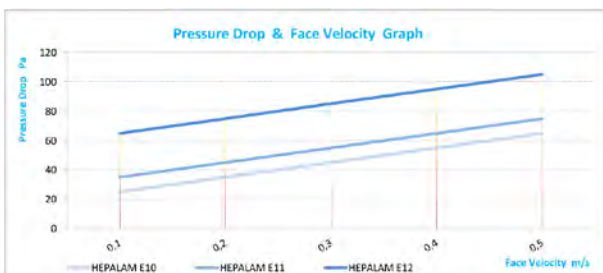
APPLICATIONS

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

UYGULAMALAR

- Mutlak hava filtrasyonu için kullanılır
- Kontrollü kontaminasyon ortamlarında
- Temiz odalar, LAF kabinleri ve ameliyathaneler

PRESSURE DROP&FACE VELOCITY GRAPH



FILTER CODE STRUCTURE FİLTRE KOD YAPISI

Filter Type Filtre Tipi	HL	HEPALAM
Filter Class EN 1822 Filtre Sınıfı EN 1822	11	E11
Filter Frame Filtre Çerçevesi	A	Aluminium Alüminyum
Filter Media Filtre Malzemesi	R	Glass Fiber & Hot Melt Cam Elyaf ve Sıcak Tutkal
Filter Panel Depth Filtre Panel Derinliği	M	58 mm
Filter Surface Grid Filtre Yüzey Teli	2	Two Surface Grid İki Yüzeyi Telli
Filter Gasket Type Filtre Conta Tipi	P	Polyurethane Poliüretan
Filter Gasket Direction Filtre Conta Yönü	G	Air Inlet Hava Giriş
Filter Size Filtre Ölçüsü	0610-0610-078	

TECHNICAL SPECIFICATIONS TEKNİK ÖZELLİKLER

Filter Class Filtre Sınıfı	EN 1822
Av. Efficiency Ort. Verimlilik	E10 E11 E12 ≥ 85 % ≥95 % ≥99,5%
Max.Working Temp. Max.Çalışma Sıcaklığı	80 °C
Relative Humidity Bağıl Nem	100%
Final Pressure Drop Son Basınç Düşümü	600 Pa.
Filter Stage Filtre Kademesi	II - III

Recommended
final pressure drop ≤ 600 Pa.

Maximum
final pressure drop ≤ 1000 Pa.

HEPALAM-78-ARM Series Technical Data**HEPALAM-78-ARM Serisi Teknik Veri**

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. Pa.	Weight kg
HL10ARM2PG	0305-0305-078	E10	78	2,80	150	60	1,85
HL10ARM2PG	0305-0610-078	E10	78	5,50	300	60	3,50
HL10ARM2PG	0457-0457-078	E10	78	6,00	350	60	4,25
HL10ARM2PG	0457-0610-078	E10	78	8,00	450	60	6,50
HL10ARM2PG	0610-0610-078	E10	78	10,50	600	60	6,80
HL10ARM2PG	0610-0762-078	E10	78	13,00	750	60	8,50
HL10ARM2PG	0610-0915-078	E10	78	15,50	900	60	10,00
HL10ARM2PG	0610-1220-078	E10	78	21,00	1200	60	12,50
HL10ARM2PG	0762-0762-078	E10	78	16,50	900	60	10,00
HL10ARM2PG	0762-0915-078	E10	78	20,00	1150	60	10,50
HL10ARM2PG	0915-0915-078	E10	78	24,00	1350	60	11,50

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. Pa.	Weight kg
HL11ARM2PG	0305-0305-078	E11	78	2,80	150	70	1,85
HL11ARM2PG	0305-0610-078	E11	78	5,50	300	70	3,50
HL11ARM2PG	0457-0457-078	E11	78	6,00	350	70	4,25
HL11ARM2PG	0457-0610-078	E11	78	8,00	450	70	6,50
HL11ARM2PG	0610-0610-078	E11	78	10,50	600	70	6,80
HL11ARM2PG	0610-0762-078	E11	78	13,00	750	70	8,50
HL11ARM2PG	0610-0915-078	E11	78	15,50	900	70	10,00
HL11ARM2PG	0610-1220-078	E11	78	21,00	1200	70	12,50
HL11ARM2PG	0762-0762-078	E11	78	16,50	900	70	10,00
HL11ARM2PG	0762-0915-078	E11	78	20,00	1150	70	10,50
HL11ARM2PG	0915-0915-078	E11	78	24,00	1350	70	11,50

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. Pa.	Weight kg
HL12ARM2PG	0305-0305-078	E12	78	2,80	150	100	1,85
HL12ARM2PG	0305-0610-078	E12	78	5,50	300	100	3,50
HL12ARM2PG	0457-0457-078	E12	78	6,00	350	100	4,25
HL12ARM2PG	0457-0610-078	E12	78	8,00	450	100	6,50
HL12ARM2PG	0610-0610-078	E12	78	10,50	600	100	6,80
HL12ARM2PG	0610-0762-078	E12	78	13,00	750	100	8,50
HL12ARM2PG	0610-0915-078	E12	78	15,50	900	100	10,00
HL12ARM2PG	0610-1220-078	E12	78	21,00	1200	100	12,50
HL12ARM2PG	0762-0762-078	E12	78	16,50	900	100	10,00
HL12ARM2PG	0762-0915-078	E12	78	20,00	1150	100	10,50
HL12ARM2PG	0915-0915-078	E12	78	24,00	1350	100	11,50

HEPALAM-78-ARM

Laminar Flow Absolute Filters
Laminer Akış Mutlak Filtreler



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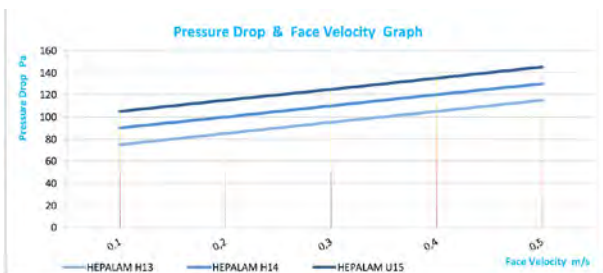
APPLICATIONS

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

UYGULAMALAR

- Mutlak hava filtrasyonu için kullanılır
- Kontrollü kontaminasyon ortamlarında
- Temiz odalar, LAF kabinleri ve ameliyathaneler

PRESSURE DROP & FACE VELOCITY GRAPH



FILTER CODE STRUCTURE FİLTRE KOD YAPISI

Filter Type Filtre Tipi	HL	HEPALAM
Filter Class EN 1822 Filtre Sınıfı EN 1822	13	H13
Filter Frame Filtre Çerçevesi	A	Aluminium Alüminyum
Filter Media Filtre Malzemesi	R	Glass Fiber & Hot Melt Cam Elyaf ve Sıcak Tutkal
Filter Panel Depth Filtre Panel Derinliği	M	58 mm
Filter Surface Grid Filtre Yüzey Teli	2	Two Surface Grid İki Yüzeyi Telli
Filter Gasket Type Filtre Conta Tipi	P	Polyurethane Poliüretan
Filter Gasket Direction Filtre Conta Yönü	G	Air Inlet Hava Giriş
Filter Size Filtre Ölçüsü	0610-0610-078	

TECHNICAL SPECIFICATIONS TEKNİK ÖZELLİKLER

Filter Class Filtre Sınıfı	EN 1822		
	H13	H14	U15
Av. Efficiency Ort. Verimlilik	≥ 99.95 %	≥99.995 %	≥99.9995 %
Max.Working Temp. Max.Çalışma Sıcaklığı	80 °C		
Relative Humidity Bağıl Nem	100%		
Final Pressure Drop Son Basınç Düşümü	600 Pa.		
Filter Stage Filtre Kademesi	III		

Recommended
final pressure drop ≤ 600 Pa.

Maximum
final pressure drop ≤ 1000 Pa.

HEPALAM-78-ARM Series Technical Data

HEPALAM-78-ARM Serisi Teknik Veri

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. Pa.	Weight kg
HL13ARM2PG	0305-0305-078	H13	78	2,80	150	110	1,85
HL13ARM2PG	0305-0610-078	H13	78	5,50	300	110	3,50
HL13ARM2PG	0457-0457-078	H13	78	6,00	350	110	4,25
HL13ARM2PG	0457-0610-078	H13	78	8,00	450	110	6,50
HL13ARM2PG	0610-0610-078	H13	78	10,50	600	110	6,80
HL13ARM2PG	0610-0762-078	H13	78	13,00	750	110	8,50
HL13ARM2PG	0610-0915-078	H13	78	15,50	900	110	10,00
HL13ARM2PG	0610-1220-078	H13	78	21,00	1200	110	12,50
HL13ARM2PG	0762-0762-078	H13	78	16,50	900	110	10,00
HL13ARM2PG	0762-0915-078	H13	78	20,00	1150	110	10,50
HL13ARM2PG	0915-0915-078	H13	78	24,00	1350	110	11,50

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. Pa.	Weight kg
HL14ARM2PG	0305-0305-078	H14	78	2,80	150	125	1,85
HL14ARM2PG	0305-0610-078	H14	78	5,50	300	125	3,50
HL14ARM2PG	0457-0457-078	H14	78	6,00	350	125	4,25
HL14ARM2PG	0457-0610-078	H14	78	8,00	450	125	6,50
HL14ARM2PG	0610-0610-078	H14	78	10,50	600	125	6,80
HL14ARM2PG	0610-0762-078	H14	78	13,00	750	125	8,50
HL14ARM2PG	0610-0915-078	H14	78	15,50	900	125	10,00
HL14ARM2PG	0610-1220-078	H14	78	21,00	1200	125	12,50
HL14ARM2PG	0762-0762-078	H14	78	16,50	900	125	10,00
HL14ARM2PG	0762-0915-078	H14	78	20,00	1150	125	10,50
HL14ARM2PG	0915-0915-078	H14	78	24,00	1350	125	11,50

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. Pa.	Weight kg
HL15ARM2PG	0305-0305-078	U15	78	2,80	150	140	1,85
HL15ARM2PG	0305-0610-078	U15	78	5,50	300	140	3,50
HL15ARM2PG	0457-0457-078	U15	78	6,00	350	140	4,25
HL15ARM2PG	0457-0610-078	U15	78	8,00	450	140	6,50
HL15ARM2PG	0610-0610-078	U15	78	10,50	600	140	6,80
HL15ARM2PG	0610-0762-078	U15	78	13,00	750	140	8,50
HL15ARM2PG	0610-0915-078	U15	78	15,50	900	140	10,00
HL15ARM2PG	0610-1220-078	U15	78	21,00	1200	140	12,50
HL15ARM2PG	0762-0762-078	U15	78	16,50	900	140	10,00
HL15ARM2PG	0762-0915-078	U15	78	20,00	1150	140	10,50
HL15ARM2PG	0915-0915-078	U15	78	24,00	1350	140	11,50

HEPALAM-90-ARM

Laminar Flow Absolute Filters
Laminer Akış Mutlak Filtreler



HL11ARM2PG-0610-0610-090

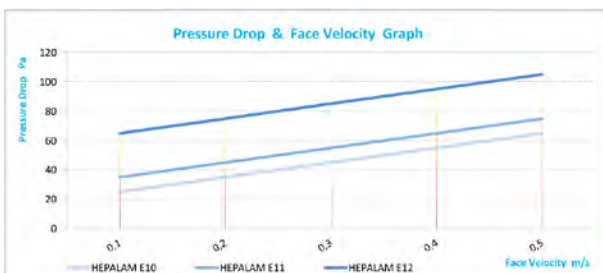
APPLICATIONS

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

UYGULAMALAR

- Mutlak hava filtrasyonu için kullanılır
- Kontrollü kontaminasyon ortamlarında
- Temiz odalar, LAF kabinleri ve ameliyathaneler

PRESSURE DROP&FACE VELOCITY GRAPH



FILTER CODE STRUCTURE FİLTRE KOD YAPISI

Filter Type Filtre Tipi	HL	HEPALAM
Filter Class EN 1822 Filtre Sınıfı EN 1822	11	E11
Filter Frame Filtre Çerçevesi	A	Aluminium Alüminyum
Filter Media Filtre Malzemesi	R	Glass Fiber & Hot Melt Cam Elyaf ve Sıcak Tutkal
Filter Panel Depth Filtre Panel Derinliği	M	58 mm
Filter Surface Grid Filtre Yüzey Teli	2	Two Surface Grid İki Yüzeyi Telli
Filter Gasket Type Filtre Conta Tipi	P	Polyurethane Poliüretan
Filter Gasket Direction Filtre Conta Yönü	G	Air Inlet Hava Giriş
Filter Size Filtre Ölçüsü	0610-0610-090	

TECHNICAL SPECIFICATIONS TEKNİK ÖZELLİKLER

Filter Class Filtre Sınıfı	EN 1822		
Av. Efficiency Ort. Verimlilik	E10	E11	E12
	≥ 85 %	≥95 %	≥99,5%
Max.Working Temp. Max.Çalışma Sıcaklığı	80 °C		
Relative Humidity Bağıl Nem	100%		
Final Pressure Drop Son Basınç Düşümü	600 Pa.		
Filter Stage Filtre Kademesi	II - III		

Recommended
final pressure drop ≤ 600 Pa.

Maximum
final pressure drop ≤ 1000 Pa.

HEPALAM-90-ARM Series Technical Data

HEPALAM-90-ARM Serisi Teknik Veri

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. Pa.	Weight kg
HL10ARM2PG	0305-0305-090	E10	90	2,80	150	60	1,85
HL10ARM2PG	0305-0610-090	E10	90	5,50	300	60	3,50
HL10ARM2PG	0457-0457-090	E10	90	6,00	350	60	4,25
HL10ARM2PG	0457-0610-090	E10	90	8,00	450	60	6,50
HL10ARM2PG	0610-0610-090	E10	90	10,50	600	60	6,80
HL10ARM2PG	0610-0762-090	E10	90	13,00	750	60	8,50
HL10ARM2PG	0610-0915-090	E10	90	15,50	900	60	10,00
HL10ARM2PG	0610-1220-090	E10	90	21,00	1200	60	12,50
HL10ARM2PG	0762-0762-090	E10	90	16,50	900	60	10,00
HL10ARM2PG	0762-0915-090	E10	90	20,00	1150	60	10,50
HL10ARM2PG	0915-0915-090	E10	90	24,00	1350	60	11,50

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. Pa.	Weight kg
HL11ARM2PG	0305-0305-090	E11	90	2,80	150	70	1,85
HL11ARM2PG	0305-0610-090	E11	90	5,50	300	70	3,50
HL11ARM2PG	0457-0457-090	E11	90	6,00	350	70	4,25
HL11ARM2PG	0457-0610-090	E11	90	8,00	450	70	6,50
HL11ARM2PG	0610-0610-090	E11	90	10,50	600	70	6,80
HL11ARM2PG	0610-0762-090	E11	90	13,00	750	70	8,50
HL11ARM2PG	0610-0915-090	E11	90	15,50	900	70	10,00
HL11ARM2PG	0610-1220-090	E11	90	21,00	1200	70	12,50
HL11ARM2PG	0762-0762-090	E11	90	16,50	900	70	10,00
HL11ARM2PG	0762-0915-090	E11	90	20,00	1150	70	10,50
HL11ARM2PG	0915-0915-090	E11	90	24,00	1350	70	11,50

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. Pa.	Weight kg
HL12ARM2PG	0305-0305-090	E12	90	2,80	150	100	1,85
HL12ARM2PG	0305-0610-090	E12	90	5,50	300	100	3,50
HL12ARM2PG	0457-0457-090	E12	90	6,00	350	100	4,25
HL12ARM2PG	0457-0610-090	E12	90	8,00	450	100	6,50
HL12ARM2PG	0610-0610-090	E12	90	10,50	600	100	6,80
HL12ARM2PG	0610-0762-090	E12	90	13,00	750	100	8,50
HL12ARM2PG	0610-0915-090	E12	90	15,50	900	100	10,00
HL12ARM2PG	0610-1220-090	E12	90	21,00	1200	100	12,50
HL12ARM2PG	0762-0762-090	E12	90	16,50	900	100	10,00
HL12ARM2PG	0762-0915-090	E12	90	20,00	1150	100	10,50
HL12ARM2PG	0915-0915-090	E12	90	24,00	1350	100	11,50

HEPALAM-90-ARM

Laminar Flow Absolute Filters
Laminer Akış Mutlak Filtreler



HL13ARM2PG-0610-0610-090

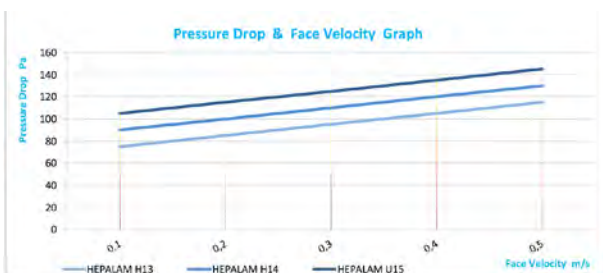
APPLICATIONS

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

UYGULAMALAR

- Mutlak hava filtrasyonu için kullanılır
- Kontrollü kontaminasyon ortamlarında
- Temiz odalar, LAF kabinleri ve ameliyathaneler

PRESSURE DROP & FACE VELOCITY GRAPH



FILTER CODE STRUCTURE FİLTRE KOD YAPISI

Filter Type Filtre Tipi	HL	HEPALAM
Filter Class EN 1822 Filtre Sınıfı EN 1822	13	H13
Filter Frame Filtre Çerçevesi	A	Aluminium Alüminyum
Filter Media Filtre Malzemesi	R	Glass Fiber & Hot Melt Cam Elyaf ve Sıcak Tutkal
Filter Panel Depth Filtre Panel Derinliği	M	58 mm
Filter Surface Grid Filtre Yüzey Teli	2	Two Surface Grid İki Yüzeyi Telli
Filter Gasket Type Filtre Conta Tipi	P	Polyurethane Poliüretan
Filter Gasket Direction Filtre Conta Yönü	G	Air Inlet Hava Giriş
Filter Size Filtre Ölçüsü	0610-0610-090	

TECHNICAL SPECIFICATIONS TEKNİK ÖZELLİKLER

Filter Class Filtre Sınıfı	EN 1822		
	H13	H14	U15
Av. Efficiency Ort. Verimlilik	≥ 99.95 %	≥99.995 %	≥99.9995 %
Max.Working Temp. Max.Çalışma Sıcaklığı	80 °C		
Relative Humidity Bağıl Nem	100%		
Final Pressure Drop Son Basınç Düşümü	600 Pa.		
Filter Stage Filtre Kademesi	III		

Recommended
final pressure drop ≤ 600 Pa.

Maximum
final pressure drop ≤ 1000 Pa.

HEPALAM-90-ARM Series Technical Data

HEPALAM-90-ARM Serisi Teknik Veri

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. Pa.	Weight kg
HL13ARM2PG	0305-0305-090	H13	90	2,80	150	110	1,85
HL13ARM2PG	0305-0610-090	H13	90	5,50	300	110	3,50
HL13ARM2PG	0457-0457-090	H13	90	6,00	350	110	4,25
HL13ARM2PG	0457-0610-090	H13	90	8,00	450	110	6,50
HL13ARM2PG	0610-0610-090	H13	90	10,50	600	110	6,80
HL13ARM2PG	0610-0762-090	H13	90	13,00	750	110	8,50
HL13ARM2PG	0610-0915-090	H13	90	15,50	900	110	10,00
HL13ARM2PG	0610-1220-090	H13	90	21,00	1200	110	12,50
HL13ARM2PG	0762-0762-090	H13	90	16,50	900	110	10,00
HL13ARM2PG	0762-0915-090	H13	90	20,00	1150	110	10,50
HL13ARM2PG	0915-0915-090	H13	90	24,00	1350	110	11,50

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. Pa.	Weight kg
HL14ARM2PG	0305-0305-090	H14	90	2,80	150	125	1,85
HL14ARM2PG	0305-0610-090	H14	90	5,50	300	125	3,50
HL14ARM2PG	0457-0457-090	H14	90	6,00	350	125	4,25
HL14ARM2PG	0457-0610-090	H14	90	8,00	450	125	6,50
HL14ARM2PG	0610-0610-090	H14	90	10,50	600	125	6,80
HL14ARM2PG	0610-0762-090	H14	90	13,00	750	125	8,50
HL14ARM2PG	0610-0915-090	H14	90	15,50	900	125	10,00
HL14ARM2PG	0610-1220-090	H14	90	21,00	1200	125	12,50
HL14ARM2PG	0762-0762-090	H14	90	16,50	900	125	10,00
HL14ARM2PG	0762-0915-090	H14	90	20,00	1150	125	10,50
HL14ARM2PG	0915-0915-090	H14	90	24,00	1350	125	11,50

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. Pa.	Weight kg
HL15ARM2PG	0305-0305-090	U15	90	2,80	150	140	1,85
HL15ARM2PG	0305-0610-090	U15	90	5,50	300	140	3,50
HL15ARM2PG	0457-0457-090	U15	90	6,00	350	140	4,25
HL15ARM2PG	0457-0610-090	U15	90	8,00	450	140	6,50
HL15ARM2PG	0610-0610-090	U15	90	10,50	600	140	6,80
HL15ARM2PG	0610-0762-090	U15	90	13,00	750	140	8,50
HL15ARM2PG	0610-0915-090	U15	90	15,50	900	140	10,00
HL15ARM2PG	0610-1220-090	U15	90	21,00	1200	140	12,50
HL15ARM2PG	0762-0762-090	U15	90	16,50	900	140	10,00
HL15ARM2PG	0762-0915-090	U15	90	20,00	1150	140	10,50
HL15ARM2PG	0915-0915-090	U15	90	24,00	1350	140	11,50

HEPALAM-90-ARN

Laminar Flow Absolute Filters
Laminer Akış Mutlak Filtreler



HL11ARN2PG-0610-0610-090

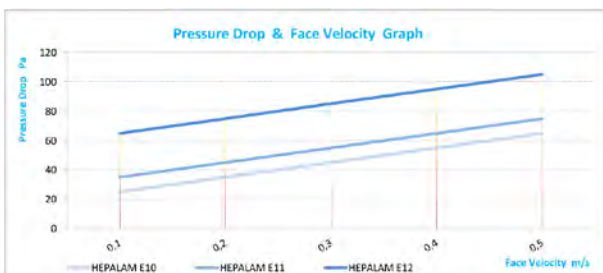
APPLICATIONS

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

UYGULAMALAR

- Mutlak hava filtrasyonu için kullanılır
- Kontrollü kontaminasyon ortamlarında
- Temiz odalar, LAF kabinleri ve ameliyathaneler

PRESSURE DROP & FACE VELOCITY GRAPH



FILTER CODE STRUCTURE FİLTRE KOD YAPISI

Filter Type Filtre Tipi	HL	HEPALAM
Filter Class EN 1822 Filtre Sınıfı EN 1822	11	E11
Filter Frame Filtre Çerçevesi	A	Aluminium Alüminyum
Filter Media Filtre Malzemesi	R	Glass Fiber & Hot Melt Cam Elyaf ve Sıcak Tutkal
Filter Panel Depth Filtre Panel Derinliği	N	65 mm
Filter Surface Grid Filtre Yüzey Teli	2	Two Surface Grid İki Yüzeyi Telli
Filter Gasket Type Filtre Conta Tipi	P	Polyurethane Poliüretan
Filter Gasket Direction Filtre Conta Yönü	G	Air Inlet Hava Giriş
Filter Size Filtre Ölçüsü	0610-0610-090	

TECHNICAL SPECIFICATIONS TEKNİK ÖZELLİKLER

Filter Class Filtre Sınıfı	EN 1822		
Av. Efficiency Ort. Verimlilik	≥ 85 %	≥ 95 %	≥ 99,5 %
Max. Working Temp. Max. Çalışma Sıcaklığı	80 °C		
Relative Humidity Bağıl Nem	100%		
Final Pressure Drop Son Basınç Düşümü	600 Pa.		
Filter Stage Filtre Kademesi	III		

Recommended
final pressure drop ≤ 600 Pa.

Maximum
final pressure drop ≤ 1000 Pa.

HEPALAM-90-ARN Series Technical Data

HEPALAM-90-ARN Serisi Teknik Veri

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. 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
HL10ARN2PG	0762-0762-090	E10	90	18,00	900	55	10,00
HL10ARN2PG	0762-0915-090	E10	90	22,00	1150	55	10,50
HL10ARN2PG	0915-0915-090	E10	90	26,50	1350	55	11,50

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. 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
HL11ARN2PG	0762-0762-090	E11	90	18,00	900	65	10,00
HL11ARN2PG	0762-0915-090	E11	90	22,00	1150	65	10,50
HL11ARN2PG	0915-0915-090	E11	90	26,50	1350	65	11,50

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. 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
HL12ARN2PG	0762-0762-090	E12	90	18,00	900	90	10,00
HL12ARN2PG	0762-0915-090	E12	90	22,00	1150	90	10,50
HL12ARN2PG	0915-0915-090	E12	90	26,50	1350	90	11,50

HEPALAM-90-ARN

Laminar Flow Absolute Filters
Laminer Akış Mutlak Filtreler



HL13ARN2PG-0610-0610-090

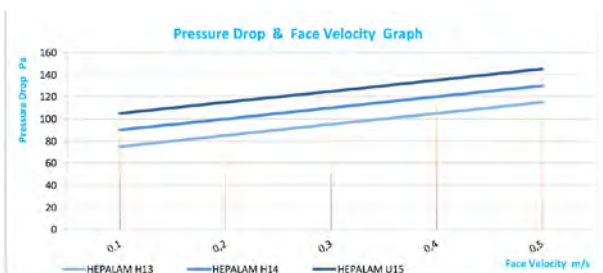
APPLICATIONS

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

UYGULAMALAR

- Mutlak hava filtrasyonu için kullanılır
- Kontrollü kontaminasyon ortamlarında
- Temiz odalar, LAF kabinleri ve ameliyathaneler

PRESSURE DROP & FACE VELOCITY GRAPH



FILTER CODE STRUCTURE FİLTRE KOD YAPISI

Filter Type Filtre Tipi	HL	HEPALAM
Filter Class EN 1822 Filtre Sınıfı EN 1822	13	H13
Filter Frame Filtre Çerçevesi	A	Aluminium Alüminyum
Filter Media Filtre Malzemesi	R	Glass Fiber & Hot Melt Cam Elyaf ve Sıcak Tutkal
Filter Panel Depth Filtre Panel Derinliği	N	65 mm
Filter Surface Grid Filtre Yüzey Teli	2	Two Surface Grid İki Yüzeyi Telli
Filter Gasket Type Filtre Conta Tipi	P	Polyurethane Poliüretan
Filter Gasket Direction Filtre Conta Yönü	G	Air Inlet Hava Giriş
Filter Size Filtre Ölçüsü	0610-0610-090	

TECHNICAL SPECIFICATIONS TEKNİK ÖZELLİKLER

Filter Class Filtre Sınıfı	EN 1822		
	H13	H14	U15
Av. Efficiency Ort. Verimlilik	≥ 99.95 %	≥99.995 %	≥99.9995 %
Max.Working Temp. Max.Çalışma Sıcaklığı	80 °C		
Relative Humidity Bağıl Nem	100%		
Final Pressure Drop Son Basınç Düşümü	600 Pa.		
Filter Stage Filtre Kademesi	III		

Recommended
final pressure drop ≤ 600 Pa.

Maximum
final pressure drop ≤ 1000 Pa.

HEPALAM-90-ARN Series Technical Data

HEPALAM-90-ARN Serisi Teknik Veri

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. 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
HL13ARN2PG	0762-0762-090	H13	90	18,00	900	100	10,00
HL13ARN2PG	0762-0915-090	H13	90	22,00	1150	100	10,50
HL13ARN2PG	0915-0915-090	H13	90	26,50	1350	100	11,50

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. 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
HL14ARN2PG	0762-0762-090	H14	90	18,00	900	115	10,00
HL14ARN2PG	0762-0915-090	H14	90	22,00	1150	115	10,50
HL14ARN2PG	0915-0915-090	H14	90	26,50	1350	115	11,50

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. 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
HL15ARN2PG	0762-0762-090	U15	90	18,00	900	130	10,00
HL15ARN2PG	0762-0915-090	U15	90	22,00	1150	130	10,50
HL15ARN2PG	0915-0915-090	U15	90	26,50	1350	130	11,50

HEPALAM-150-ARM

Laminar Flow Absolute Filters
Laminer Akış Mutlak Filtreler



HL11ARM2PG-0610-0610-150

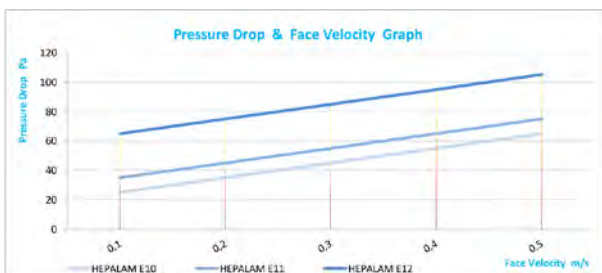
APPLICATIONS

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

UYGULAMALAR

- Mutlak hava filtrasyonu için kullanılır
- Kontrollü kontaminasyon ortamlarında
- Temiz odalar, LAF kabinleri ve ameliyathaneler

PRESSURE DROP & FACE VELOCITY GRAPH



FILTER CODE STRUCTURE FİLTRE KOD YAPISI

Filter Type Filtre Tipi	HL HEPALAM	
Filter Class EN 1822 Filtre Sınıfı EN 1822	11	E11
Filter Frame Filtre Çerçevesi	A	Aluminium Alüminyum
Filter Media Filtre Malzemesi	R	Glass Fiber & Hot Melt Cam Elyaf ve Sıcak Tutkal
Filter Panel Depth Filtre Panel Derinliği	M	58 mm
Filter Surface Grid Filtre Yüzey Teli	2	Two Surface Grid İki Yüzeyi Telli
Filter Gasket Type Filtre Conta Tipi	P	Polyurethane Poliüretan
Filter Gasket Direction Filtre Conta Yönü	G	Air Inlet Hava Giriş
Filter Size Filtre Ölçüsü	0610-0610-150	

TECHNICAL SPECIFICATIONS TEKNİK ÖZELLİKLER

Filter Class Filtre Sınıfı	EN 1822		
Av. Efficiency Ort. Verimlilik	≥ 85 %	≥ 95 %	≥ 99,5 %
Max. Working Temp. Max. Çalışma Sıcaklığı	80 °C		
Relative Humidity Bağıl Nem	100%		
Final Pressure Drop Son Basınç Düşümü	600 Pa.		
Filter Stage Filtre Kademesi	II - III		

Recommended
final pressure drop ≤ 600 Pa.

Maximum
final pressure drop ≤ 1000 Pa.

HEPALAM-150-ARM Series Technical Data

HEPALAM-150-ARM Serisi Teknik Veri

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. Pa.	Weight kg
HL10ARM2PG	0305-0305-150	E10	150	2,80	150	60	1,85
HL10ARM2PG	0305-0610-150	E10	150	5,50	300	60	3,50
HL10ARM2PG	0457-0457-150	E10	150	6,00	350	60	4,25
HL10ARM2PG	0457-0610-150	E10	150	8,00	450	60	6,50
HL10ARM2PG	0610-0610-150	E10	150	10,50	600	60	6,80
HL10ARM2PG	0610-0762-150	E10	150	13,00	750	60	8,50
HL10ARM2PG	0610-0915-150	E10	150	15,50	900	60	10,00
HL10ARM2PG	0610-1220-150	E10	150	21,00	1200	60	12,50
HL10ARM2PG	0762-0762-150	E10	150	16,50	900	60	10,00
HL10ARM2PG	0762-0915-150	E10	150	20,00	1150	60	10,50
HL10ARM2PG	0915-0915-150	E10	150	24,00	1350	60	11,50

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. Pa.	Weight kg
HL11ARM2PG	0305-0305-150	E11	150	2,80	150	70	1,85
HL11ARM2PG	0305-0610-150	E11	150	5,50	300	70	3,50
HL11ARM2PG	0457-0457-150	E11	150	6,00	350	70	4,25
HL11ARM2PG	0457-0610-150	E11	150	8,00	450	70	6,50
HL11ARM2PG	0610-0610-150	E11	150	10,50	600	70	6,80
HL11ARM2PG	0610-0762-150	E11	150	13,00	750	70	8,50
HL11ARM2PG	0610-0915-150	E11	150	15,50	900	70	10,00
HL11ARM2PG	0610-1220-150	E11	150	21,00	1200	70	12,50
HL11ARM2PG	0762-0762-150	E11	150	16,50	900	70	10,00
HL11ARM2PG	0762-0915-150	E11	150	20,00	1150	70	10,50
HL11ARM2PG	0915-0915-150	E11	150	24,00	1350	70	11,50

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. Pa.	Weight kg
HL12ARM2PG	0305-0305-150	E12	150	2,80	150	100	1,85
HL12ARM2PG	0305-0610-150	E12	150	5,50	300	100	3,50
HL12ARM2PG	0457-0457-150	E12	150	6,00	350	100	4,25
HL12ARM2PG	0457-0610-150	E12	150	8,00	450	100	6,50
HL12ARM2PG	0610-0610-150	E12	150	10,50	600	100	6,80
HL12ARM2PG	0610-0762-150	E12	150	13,00	750	100	8,50
HL12ARM2PG	0610-0915-150	E12	150	15,50	900	100	10,00
HL12ARM2PG	0610-1220-150	E12	150	21,00	1200	100	12,50
HL12ARM2PG	0762-0762-150	E12	150	16,50	900	100	10,00
HL12ARM2PG	0762-0915-150	E12	150	20,00	1150	100	10,50
HL12ARM2PG	0915-0915-150	E12	150	24,00	1350	100	11,50

HEPALAM-150-ARM

Laminar Flow Absolute Filters
Laminer Akış Mutlak Filtreler



HL13ARM2PG-0610-0610-150

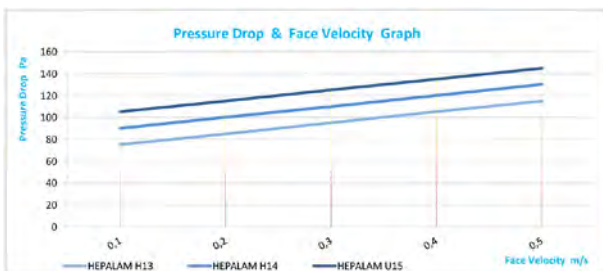
APPLICATIONS

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

UYGULAMALAR

- Mutlak hava filtrasyonu için kullanılır
- Kontrollü kontaminasyon ortamlarında
- Temiz odalar, LAF kabinleri ve ameliyathaneler

PRESSURE DROP&FACE VELOCITY GRAPH



FILTER CODE STRUCTURE FİLTRE KOD YAPISI

Filter Type Filtre Tipi	HL	HEPALAM
Filter Class EN 1822 Filtre Sınıfı EN 1822	13	H13
Filter Frame Filtre Çerçevesi	A	Aluminium Alüminyum
Filter Media Filtre Malzemesi	R	Glass Fiber & Hot Melt Cam Elyaf ve Sıcak Tutkal
Filter Panel Depth Filtre Panel Derinliği	M	58 mm
Filter Surface Grid Filtre Yüzey Teli	2	Both Side With Face Grids İki Yüzeyi Telli
Filter Gasket Type Filtre Conta Tipi	P	Polyurethane Poliüretan
Filter Gasket Direction Filtre Conta Yönü	G	Air Inlet Hava Giriş
Filter Size Filtre Ölçüsü	0610-0610-150	

TECHNICAL SPECIFICATIONS TEKNİK ÖZELLİKLER

Filter Class Filtre Sınıfı	EN 1822		
	H13	H14	U15
Av. Efficiency Ort. Verimlilik	≥ 99.95 %	≥99.995 %	≥99.9995 %
Max.Working Temp. Max.Çalışma Sıcaklığı	80 °C		
Relative Humidity Bağıl Nem	100%		
Final Pressure Drop Son Basınç Düşümü	600 Pa.		
Filter Stage Filtre Kademesi	III		

Recommended
final pressure drop ≤ 600 Pa.

Maximum
final pressure drop ≤ 1000 Pa.

HEPALAM-150-ARM Series Technical Data

HEPALAM-150-ARM Serisi Teknik Veri

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. Pa.	Weight kg
HL13ARM2PG	0305-0305-150	H13	150	2,80	150	110	1,85
HL13ARM2PG	0305-0610-150	H13	150	5,50	300	110	3,50
HL13ARM2PG	0457-0457-150	H13	150	6,00	350	110	4,25
HL13ARM2PG	0457-0610-150	H13	150	8,00	450	110	6,50
HL13ARM2PG	0610-0610-150	H13	150	10,50	600	110	6,80
HL13ARM2PG	0610-0762-150	H13	150	13,00	750	110	8,50
HL13ARM2PG	0610-0915-150	H13	150	15,50	900	110	10,00
HL13ARM2PG	0610-1220-150	H13	150	21,00	1200	110	12,50
HL13ARM2PG	0762-0762-150	H13	150	16,50	900	110	10,00
HL13ARM2PG	0762-0915-150	H13	150	20,00	1150	110	10,50
HL13ARM2PG	0915-0915-150	H13	150	24,00	1350	110	11,50

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. Pa.	Weight kg
HL14ARM2PG	0305-0305-150	H14	150	2,80	150	125	1,85
HL14ARM2PG	0305-0610-150	H14	150	5,50	300	125	3,50
HL14ARM2PG	0457-0457-150	H14	150	6,00	350	125	4,25
HL14ARM2PG	0457-0610-150	H14	150	8,00	450	125	6,50
HL14ARM2PG	0610-0610-150	H14	150	10,50	600	125	6,80
HL14ARM2PG	0610-0762-150	H14	150	13,00	750	125	8,50
HL14ARM2PG	0610-0915-150	H14	150	15,50	900	125	10,00
HL14ARM2PG	0610-1220-150	H14	150	21,00	1200	125	12,50
HL14ARM2PG	0762-0762-150	H14	150	16,50	900	125	10,00
HL14ARM2PG	0762-0915-150	H14	150	20,00	1150	125	10,50
HL14ARM2PG	0915-0915-150	H14	150	24,00	1350	125	11,50

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. Pa.	Weight kg
HL15ARM2PG	0305-0305-150	U15	150	2,80	150	140	1,85
HL15ARM2PG	0305-0610-150	U15	150	5,50	300	140	3,50
HL15ARM2PG	0457-0457-150	U15	150	6,00	350	140	4,25
HL15ARM2PG	0457-0610-150	U15	150	8,00	450	140	6,50
HL15ARM2PG	0610-0610-150	U15	150	10,50	600	140	6,80
HL15ARM2PG	0610-0762-150	U15	150	13,00	750	140	8,50
HL15ARM2PG	0610-0915-150	U15	150	15,50	900	140	10,00
HL15ARM2PG	0610-1220-150	U15	150	21,00	1200	140	12,50
HL15ARM2PG	0762-0762-150	U15	150	16,50	900	140	10,00
HL15ARM2PG	0762-0915-150	U15	150	20,00	1150	140	10,50
HL15ARM2PG	0915-0915-150	U15	150	24,00	1350	140	11,50

HEPALAM-150-ARL

Laminar Flow Absolute Filters
Laminer Akış Mutlak Filtreler



HL10ARL2PG-0610-0610-150

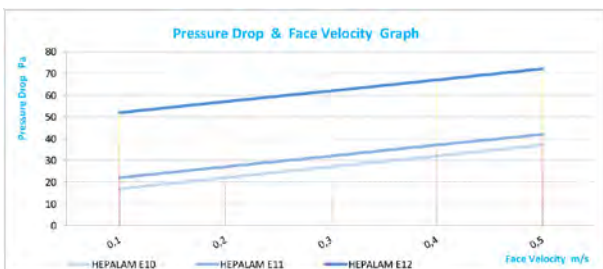
APPLICATIONS

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

UYGULAMALAR

- Mutlak hava filtrasyonu için kullanılır
- Kontrollü kontaminasyon ortamlarında
- Temiz odalar, LAF kabinleri ve ameliyathaneler

PRESSURE DROP&FACE VELOCITY GRAPH



FILTER CODE STRUCTURE FİLTRE KOD YAPISI

Filter Type Filtre Tipi	HL	HEPALAM
Filter Class EN 1822 Filtre Sınıfı EN 1822	10	E10
Filter Frame Filtre Çerçevesi	A	Aluminium Alüminyum
Filter Media Filtre Malzemesi	R	Glass Fiber & Hot Melt Cam Elyaf ve Sıcak Tutkal
Filter Panel Depth Filtre Panel Derinliği	L	100 mm
Filter Surface Grid Filtre Yüzey Teli	2	Face Grids Air Out Yüzey Teli Hava Çıkışta
Filter Gasket Type Filtre Conta Tipi	P	Polyurethane Poliüretan
Filter Gasket Direction Filtre Conta Yönü	G	Air Inlet Hava Giriş
Filter Size Filtre Ölçüsü	0610-0610-150	

TECHNICAL SPECIFICATIONS TEKNİK ÖZELLİKLER

Filter Class Filtre Sınıfı	EN 1822		
Av. Efficiency Ort. Verimlilik	≥ 85 %	≥95 %	≥99,5%
Max.Working Temp. Max.Çalışma Sıcaklığı	80 °C		
Relative Humidity Bağıl Nem	100%		
Final Pressure Drop Son Basınç Düşümü	600 Pa.		
Filter Stage Filtre Kademesi	II - III		

Recommended
final pressure drop ≤ 600 Pa.

Maximum
final pressure drop ≤ 1000 Pa.

HEPALAM-150-ARL Series Technical Data

HEPALAM-150-ARL Serisi Teknik Veri

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. Pa.	Weight kg
HL10ARL2PG	0305-0305-150	E10	150	4,50	150	35	2,00
HL10ARL2PG	0305-0610-150	E10	150	9,00	300	35	3,80
HL10ARL2PG	0457-0457-150	E10	150	10,00	350	35	5,00
HL10ARL2PG	0457-0610-150	E10	150	13,50	450	35	7,00
HL10ARL2PG	0610-0610-150	E10	150	18,00	600	35	8,00
HL10ARL2PG	0610-0762-150	E10	150	22,65	750	35	9,00
HL10ARL2PG	0610-0915-150	E10	150	27,00	900	35	10,50
HL10ARL2PG	0610-1220-150	E10	150	36,00	1500	35	13,50
HL10ARL2PG	0762-0762-150	E10	150	28,00	900	35	10,50
HL10ARL2PG	0762-0915-150	E10	150	34,00	1150	35	11,00
HL10ARL2PG	0915-0915-150	E10	150	41,50	1350	35	12,00

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. Pa.	Weight kg
HL11ARL2PG	0305-0305-150	E11	150	4,50	150	40	2,00
HL11ARL2PG	0305-0610-150	E11	150	9,00	300	40	3,80
HL11ARL2PG	0457-0457-150	E11	150	10,00	350	40	5,00
HL11ARL2PG	0457-0610-150	E11	150	13,50	450	40	7,00
HL11ARL2PG	0610-0610-150	E11	150	18,00	600	40	8,00
HL11ARL2PG	0610-0762-150	E11	150	22,65	750	40	9,00
HL11ARL2PG	0610-0915-150	E11	150	27,00	900	40	10,50
HL11ARL2PG	0610-1220-150	E11	150	36,00	1200	40	13,50
HL11ARL2PG	0762-0762-150	E11	150	28,00	900	40	10,50
HL11ARL2PG	0762-0915-150	E11	150	34,00	1150	40	11,00
HL11ARL2PG	0915-0915-150	E11	150	41,50	1350	40	12,00

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. Pa.	Weight kg
HL12ARL2PG	0305-0305-150	E12	150	4,50	150	70	2,00
HL12ARL2PG	0305-0610-150	E12	150	9,00	300	70	3,80
HL12ARL2PG	0457-0457-150	E12	150	10,00	350	70	5,00
HL12ARL2PG	0457-0610-150	E12	150	13,50	450	70	7,00
HL12ARL2PG	0610-0610-150	E12	150	18,00	600	70	8,00
HL12ARL2PG	0610-0762-150	E12	150	22,65	750	70	9,00
HL12ARL2PG	0610-0915-150	E12	150	27,00	900	70	10,50
HL12ARL2PG	0610-1220-150	E12	150	36,00	1200	70	13,50
HL12ARL2PG	0762-0762-150	E12	150	28,00	900	70	10,50
HL12ARL2PG	0762-0915-150	E12	150	34,00	1150	70	11,00
HL12ARL2PG	0915-0915-150	E12	150	41,50	1350	70	12,00

HEPALAM-150-ARL

Laminar Flow Absolute Filters
Laminer Akış Mutlak Filtreler



HL13ARL2PG-0610-0610-150

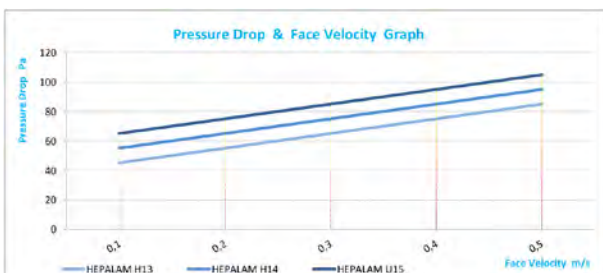
APPLICATIONS

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

UYGULAMALAR

- Mutlak hava filtrasyonu için kullanılır
- Kontrollü kontaminasyon ortamlarında
- Temiz odalar, LAF kabinleri ve ameliyathaneler

PRESSURE DROP&FACE VELOCITY GRAPH



FILTER CODE STRUCTURE FİLTRE KOD YAPISI

Filter Type Filtre Tipi	HL	HEPALAM
Filter Class EN 1822 Filtre Sınıfı EN 1822	13	H13
Filter Frame Filtre Çerçevesi	A	Aluminium Alüminyum
Filter Media Filtre Malzemesi	R	Glass Fiber & Hot Melt Cam Elyaf ve Sıcak Tutkal
Filter Panel Depth Filtre Panel Derinliği	L	100 mm
Filter Surface Grid Filtre Yüzey Teli	2	Face Grids Air Out Yüzey Teli Hava Çıkışta
Filter Gasket Type Filtre Conta Tipi	P	Polyurethane Poliüretan
Filter Gasket Direction Filtre Conta Yönü	G	Air Inlet Hava Giriş
Filter Size Filtre Ölçüsü	0610-0610-150	

TECHNICAL SPECIFICATIONS TEKNİK ÖZELLİKLER

Filter Class Filtre Sınıfı	EN 1822	H13	H14	U15
Av. Efficiency Ort. Verimlilik	≥ 99.95 %	≥99.995 %	≥99.9995 %	
Max.Working Temp. Max.Çalışma Sıcaklığı	80 °C			
Relative Humidity Bağıl Nem	100%			
Final Pressure Drop Son Basınç Düşümü	600 Pa.			
Filter Stage Filtre Kademesi	III			

Recommended
final pressure drop ≤ 600 Pa.

Maximum
final pressure drop ≤ 1000 Pa.

HEPALAM-150-ARL Series Technical Data

HEPALAM-150-ARL Serisi Teknik Veri

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. Pa.	Weight kg
HL13ARL2PG	0305-0305-150	H13	150	4,50	150	80	2,00
HL13ARL2PG	0305-0610-150	H13	150	9,00	300	80	3,80
HL13ARL2PG	0457-0457-150	H13	150	10,00	350	80	5,00
HL13ARL2PG	0457-0610-150	H13	150	13,50	450	80	7,00
HL13ARL2PG	0610-0610-150	H13	150	18,00	600	80	8,00
HL13ARL2PG	0610-0762-150	H13	150	22,65	750	80	9,00
HL13ARL2PG	0610-0915-150	H13	150	27,00	900	80	10,50
HL13ARL2PG	0610-1220-150	H13	150	36,00	1500	80	13,50
HL13ARL2PG	0762-0762-150	H13	150	28,00	900	80	10,50
HL13ARL2PG	0762-0915-150	H13	150	34,00	1150	80	11,00
HL13ARL2PG	0915-0915-150	H13	150	41,50	1350	80	12,00

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. Pa.	Weight kg
HL14ARL2PG	0305-0305-150	H14	150	4,50	150	90	2,00
HL14ARL2PG	0305-0610-150	H14	150	9,00	300	90	3,80
HL14ARL2PG	0457-0457-150	H14	150	10,00	350	90	5,00
HL14ARL2PG	0457-0610-150	H14	150	13,50	450	90	7,00
HL14ARL2PG	0610-0610-150	H14	150	18,00	600	90	8,00
HL14ARL2PG	0610-0762-150	H14	150	22,65	750	90	9,00
HL14ARL2PG	0610-0915-150	H14	150	27,00	900	90	10,50
HL14ARL2PG	0610-1220-150	H14	150	36,00	1200	90	13,50
HL14ARL2PG	0762-0762-150	H14	150	28,00	900	90	10,50
HL14ARL2PG	0762-0915-150	H14	150	34,00	1150	90	11,00
HL14ARL2PG	0915-0915-150	H14	150	41,50	1350	90	12,00

Filter Code	Size W x L x D	Filter Class EN 1822	Filter Depth mm	Filter Area m ²	Air Flow m ³ /h	In.Pressure D. Pa.	Weight kg
HL15ARL2PG	0305-0305-150	U15	150	4,50	150	100	2,00
HL15ARL2PG	0305-0610-150	U15	150	9,00	300	100	3,80
HL15ARL2PG	0457-0457-150	U15	150	10,00	350	100	5,00
HL15ARL2PG	0457-0610-150	U15	150	13,50	450	100	7,00
HL15ARL2PG	0610-0610-150	U15	150	18,00	600	100	8,00
HL15ARL2PG	0610-0762-150	U15	150	22,65	750	100	9,00
HL15ARL2PG	0610-0915-150	U15	150	27,00	900	100	10,50
HL15ARL2PG	0610-1220-150	U15	150	36,00	1200	100	13,50
HL15ARL2PG	0762-0762-150	U15	150	28,00	900	100	10,50
HL15ARL2PG	0762-0915-150	U15	150	34,00	1150	100	11,00
HL15ARL2PG	0915-0915-150	U15	150	41,50	1350	100	12,00