

MINIPAN-48-PRK & MINIPAN-96-PRL Series

Mini Pleated Compact Filters
 Mini Pileli Kompakt Filtreler



MN7PRKN0XX-0592-0592-48



APPLICATIONS

- For high efficiency air filtration
- Reduced dimensions and high flow filter units
- Rigid structure provides excellent precision filtration
- Optional protection grid wire
- Optional seal flange, protection wire

UYGULAMALAR

- Yüksek verimli hava filtrasyonu için
- Azaltılmış boyutlar ve yüksek akışlı filtre üniteleri uygulamalarında
- Rijit yapısı mükemmel hassas filtrasyonu sağlar
- İsteğe bağlı koruma kafes telli
- İsteğe bağlı conta, flanş, koruma teli

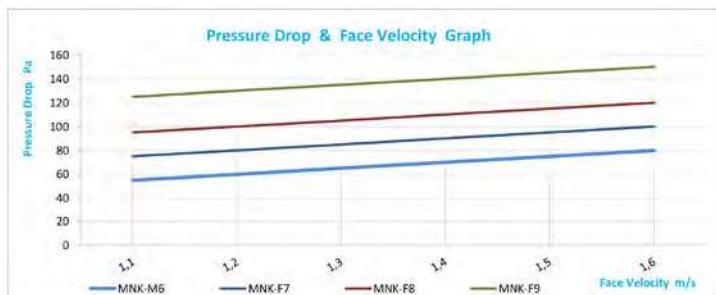
FILTER CODE STRUCTURE FİLTRE KOD YAPISI

| Filter Type Filtre Tipi | MN | MINIPAN |
|-------------------------------------------------------|-----------|------------------------------------------------------------|
| Filter Class EN 779-2012 Filtre Sınıfı EN 779-2012 | 7 | EN 779-2012 F7 ISO 16890 ePM2,5 |
| Filter Frame Filtre Çerçevesi | P | Plastic Plastik |
| Media and Separator Malzeme ve Separatör | R | Glass Fiber Paper Hot Melt Cam Elyaf Kağıt Sıcak Tutkal |
| Panel Depth Filtre Panel Derinliği | K | 35 mm (With Glue) |
| Flange Type Flanş Tipi | N | No Flange |
| Filter Surface Grid Filtre Yüzeği | O | Without Face Grids Yüzeği Telsiz |
| Filter Gasket Type Filtre Conta Tipi | X | Without Gasket Contasız |
| Filter Gasket Direction Conta Yönü | X | No Yok |

TECHNICAL SPECIFICATIONS TEKNİK ÖZELLİKLER

| Filter Class Filtre Sınıfı | EN 779-2012 | M5 | M6 | F7 | F8 | F9 |
|-------------------------------------------------------------|--------------------|-------|-------|----------|--------|------|
| Av. Efficiency Ort. Verimlilik | EN 779-2012 | 60% | 80% | 85% | 90% | 95% |
| Filter Class Filtre Sınıfı | ISO 16890 | ePM10 | ePM10 | ePM2,5 | ePM1 | ePM1 |
| Av. Efficiency Ort. Verimlilik | ISO 16890 | >50% | >60% | 65-80% | 65-80% | 80% |
| Max. Working Temp. Max. Çalışma Sıcaklığı | | | 80 °C | | | |
| Relative Humidity Bağıl Nem | | | 100% | | | |
| Rec. Final Pres. Drop Acc. Tav. Edilen Son Basınç Düşümü | EN 779-2012 | | | 450 Pa. | | |
| | ISO 16890 | | | 300 Pa. | | |
| Filter Stage Filtre Kademesi | | | | II - III | | |

PRESSURE DROP & FACE VELOCITY GRAPH



MINIPAN-48-PRK & MINIPAN-96-PRL Series Technical Data
MINIPAN-48-PRK & MINIPAN-96-PRL Serisi Teknik Veri

| Code | Size W x L x D | Filter Class ISO 16890 | Filter Class EN 779-2012 | Filter Depth mm | Filter Area m ² | Air Flow m ³ /h | In.Pressure D. Pa. | Weight kg |
|------------|-------------------|---------------------------|-----------------------------|--------------------|-------------------------------|-------------------------------|-----------------------|--------------|
| MN6PRKN0XX | 0287-0592-048 | ePM10>60% | M6 | 48 | 2,85 | 1000 | 80 | 2,00 |
| MN6PRKN0XX | 0492-0592-048 | ePM10>60% | M6 | 48 | 5,00 | 1600 | 80 | 3,50 |
| MN6PRKN0XX | 0592-0592-048 | ePM10>60% | M6 | 48 | 6,00 | 2000 | 80 | 4,00 |

| Code | Size W x L x D | Filter Class ISO 16890 | Filter Class EN 779-2012 | Filter Depth mm | Filter Area m ² | Air Flow m ³ /h | In.Pressure D. Pa. | Weight kg |
|------------|-------------------|---------------------------|-----------------------------|--------------------|-------------------------------|-------------------------------|-----------------------|--------------|
| MN7PRKN0XX | 0287-0592-048 | ePM2,5>65-80% | F7 | 48 | 2,85 | 1000 | 100 | 2,00 |
| MN7PRKN0XX | 0492-0592-048 | ePM2,5>65-80% | F7 | 48 | 5,00 | 1600 | 100 | 3,50 |
| MN7PRKN0XX | 0592-0592-048 | ePM2,5>65-80% | F7 | 48 | 6,00 | 2000 | 100 | 4,00 |

| Code | Size W x L x D | Filter Class ISO 16890 | Filter Class EN 779-2012 | Filter Depth mm | Filter Area m ² | Air Flow m ³ /h | In.Pressure D. Pa. | Weight kg |
|------------|-------------------|---------------------------|-----------------------------|--------------------|-------------------------------|-------------------------------|-----------------------|--------------|
| MN8PRKN0XX | 0287-0592-048 | ePM2,5>65-80% | F8 | 48 | 2,85 | 1000 | 120 | 2,00 |
| MN8PRKN0XX | 0492-0592-048 | ePM2,5>65-80% | F8 | 48 | 5,00 | 1600 | 120 | 3,50 |
| MN8PRKN0XX | 0592-0592-048 | ePM2,5>65-80% | F8 | 48 | 6,00 | 2000 | 120 | 4,00 |

| Code | Size W x L x D | Filter Class ISO 16890 | Filter Class EN 779-2012 | Filter Depth mm | Filter Area m ² | Air Flow m ³ /h | In.Pressure D. Pa. | Weight kg |
|------------|-------------------|---------------------------|-----------------------------|--------------------|-------------------------------|-------------------------------|-----------------------|--------------|
| MN9PRKN0XX | 0287-0592-048 | ePM1>65-80% | F9 | 48 | 2,85 | 1000 | 150 | 2,00 |
| MN9PRKN0XX | 0492-0592-048 | ePM1>65-80% | F9 | 48 | 5,00 | 1600 | 150 | 3,50 |
| MN9PRKN0XX | 0592-0592-048 | ePM1>65-80% | F9 | 48 | 6,00 | 2000 | 150 | 4,00 |

| Code | Size W x L x D | Filter Class ISO 16890 | Filter Class EN 779-2012 | Filter Depth mm | Filter Area m ² | Air Flow m ³ /h | In.Pressure D. Pa. | Weight kg |
|------------|-------------------|---------------------------|-----------------------------|--------------------|-------------------------------|-------------------------------|-----------------------|--------------|
| MN6PRLN0XX | 0287-0592-096 | ePM10>60% | M6 | 96 | 2,85 | 1250 | 85 | 2,50 |
| MN6PRLN0XX | 0492-0592-096 | ePM10>60% | M6 | 96 | 5,00 | 2100 | 85 | 4,30 |
| MN6PRLN0XX | 0592-0592-096 | ePM10>60% | M6 | 96 | 6,00 | 2500 | 85 | 6,65 |

| Code | Size W x L x D | Filter Class ISO 16890 | Filter Class EN 779-2012 | Filter Depth mm | Filter Area m ² | Air Flow m ³ /h | In.Pressure D. Pa. | Weight kg |
|------------|-------------------|---------------------------|-----------------------------|--------------------|-------------------------------|-------------------------------|-----------------------|--------------|
| MN7PRLN0XX | 0287-0592-096 | ePM2,5>65-80% | F7 | 96 | 2,85 | 1250 | 100 | 2,50 |
| MN7PRLN0XX | 0492-0592-096 | ePM2,5>65-80% | F7 | 96 | 5,00 | 2100 | 100 | 4,30 |
| MN7PRLN0XX | 0592-0592-096 | ePM2,5>65-80% | F7 | 96 | 6,00 | 2500 | 100 | 6,65 |

| Code | Size W x L x D | Filter Class ISO 16890 | Filter Class EN 779-2012 | Filter Depth mm | Filter Area m ² | Air Flow m ³ /h | In.Pressure D. Pa. | Weight kg |
|------------|-------------------|---------------------------|-----------------------------|--------------------|-------------------------------|-------------------------------|-----------------------|--------------|
| MN8PRLN0XX | 0287-0592-096 | ePM2,5>65-80% | F8 | 96 | 2,85 | 1250 | 115 | 2,50 |
| MN8PRLN0XX | 0492-0592-096 | ePM2,5>65-80% | F8 | 96 | 5,00 | 2100 | 115 | 4,30 |
| MN8PRLN0XX | 0592-0592-096 | ePM2,5>65-80% | F8 | 96 | 6,00 | 2500 | 115 | 6,65 |

| Code | Size W x L x D | Filter Class ISO 16890 | Filter Class EN 779-2012 | Filter Depth mm | Filter Area m ² | Air Flow m ³ /h | In.Pressure D. Pa. | Weight kg |
|------------|-------------------|---------------------------|-----------------------------|--------------------|-------------------------------|-------------------------------|-----------------------|--------------|
| MN9PRLN0XX | 0287-0592-096 | ePM1>80% | F9 | 96 | 2,85 | 1250 | 130 | 2,50 |
| MN9PRLN0XX | 0492-0592-096 | ePM1>80% | F9 | 96 | 5,00 | 2100 | 130 | 4,30 |
| MN9PRLN0XX | 0592-0592-096 | ePM1>80% | F9 | 96 | 6,00 | 2500 | 130 | 6,65 |

MINIPAN-96-GRL Series

Mini Pleated Compact Filters
 Mini Pileli Kompakt Filtreler



MN7GRLN1PG-0592-0592-96



APPLICATIONS

- For high efficiency air filtration
- Reduced dimensions and high flow filter units
- Rigid structure provides excellent precision filtration
- Optional protection grid wire
- Optional seal flange, protection wire

UYGULAMALAR

- Yüksek verimli hava filtrasyonu için
- Azaltılmış boyutlar ve yüksek akışlı filtre üniteleri uygulamalarında
- Rijit yapısı mükemmel hassas filtrasyonu sağlar
- İsteğe bağlı koruma kafes telli
- İsteğe bağlı conta, flanş, koruma teli

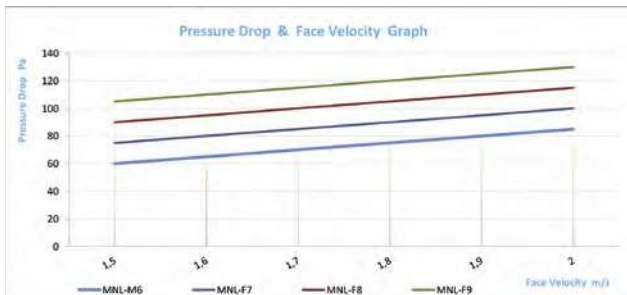
FILTER CODE STRUCTURE FİLTRE KOD YAPISI

| Filter Type Filtre Tipi | MN | MINIPAN |
|-------------------------------------------------------|-----------|------------------------------------------------------------|
| Filter Class EN 779-2012 Filtre Sınıfı EN 779-2012 | 7 | EN 779-2012 F7 ISO 16890 ePM2,5 |
| Filter Frame Filtre Çerçevesi | G | Galvanized Galvaniz |
| Media and Separator Malzeme ve Separatör | R | Glass Fiber Paper Hot Melt Cam Elyaf Kağıt Sıcak Tutkal |
| Panel Depth Filtre Panel Derinliği | L | 83 mm (With Glue) (Tutkallı) |
| Flange Type Flanş Tipi | N | No Flange |
| Filter Surface Grid Filtre Yüzey | 1 | One Side with Grid Tek Tarafı Telli |
| Filter Gasket Type Filtre Conta Tipi | P | Polyurethane Poliüretan |
| Filter Gasket Direction Conta Yönü | G | Air Inlet Hava Girişte |

TECHNICAL SPECIFICATIONS TEKNİK ÖZELLİKLER

| Filter Class Filtre Sınıfı | EN 779-2012 | M5 | M6 | F7 | F8 | F9 |
|-------------------------------------------------------------|--------------------|------|----------|--------|--------|-----|
| Av. Efficiency Ort. Verimlilik | EN 779-2012 | 60% | 80% | 85% | 90% | 95% |
| | ISO 16890 | >50% | >60% | 65-80% | 65-80% | 80% |
| Max.Working Temp. Max.Çalışma Sıcaklığı | | | 80 °C | | | |
| Relative Humidity Bağıl Nem | | | 100% | | | |
| Rec. Final Pres. Drop Acc. Tav. Edilen Son Basınç Düşümü | EN 779-2012 | | 450 Pa. | | | |
| | ISO 16890 | | 300 Pa. | | | |
| Filter Stage Filtre Kademesi | | | II - III | | | |

PRESSURE DROP&FACE VELOCITY GRAPH



Μιχαήλ Καραολή 19, τκ 143 43, Ν. Χαλκηδόνα, Αθήνα
 Τηλ: 211 - 70.55.500 & 210 - 21.30.051, Fax: 210 - 22.23.283

MINIPAN-96-GRL Series Technical Data

MINIPAN-96-GRL Serisi Teknik Veri

| Code | Size W x L x D | Filter Class ISO 16890 | Filter Class EN 779-2012 | Filter Depth mm | Filter Area m ² | Air Flow m ³ /h | In.Pressure D. Pa. | Weight kg |
|------------|-------------------|---------------------------|-----------------------------|--------------------|-------------------------------|-------------------------------|-----------------------|--------------|
| MN6GRLN1PG | 0287-0592-096 | ePM10>60% | M6 | 96 | 2,85 | 1250 | 85 | 2,50 |
| MN6GRLN1PG | 0492-0592-096 | ePM10>60% | M6 | 96 | 5,00 | 2100 | 85 | 4,30 |
| MN6GRLN1PG | 0592-0592-096 | ePM10>60% | M6 | 96 | 6,00 | 2500 | 85 | 6,65 |

| Code | Size W x L x D | Filter Class ISO 16890 | Filter Class EN 779-2012 | Filter Depth mm | Filter Area m ² | Air Flow m ³ /h | In.Pressure D. Pa. | Weight kg |
|------------|-------------------|---------------------------|-----------------------------|--------------------|-------------------------------|-------------------------------|-----------------------|--------------|
| MN7GRLN1PG | 0287-0592-096 | ePM2,5>65-80% | F7 | 96 | 2,85 | 1250 | 100 | 2,50 |
| MN7GRLN1PG | 0492-0592-096 | ePM2,5>65-80% | F7 | 96 | 5,00 | 2100 | 100 | 4,30 |
| MN7GRLN1PG | 0592-0592-096 | ePM2,5>65-80% | F7 | 96 | 6,00 | 2500 | 100 | 6,65 |

| Code | Size W x L x D | Filter Class ISO 16890 | Filter Class EN 779-2012 | Filter Depth mm | Filter Area m ² | Air Flow m ³ /h | In.Pressure D. Pa. | Weight kg |
|------------|-------------------|---------------------------|-----------------------------|--------------------|-------------------------------|-------------------------------|-----------------------|--------------|
| MN8GRLN1PG | 0287-0592-096 | ePM2,5>65-80% | F8 | 96 | 2,85 | 1250 | 115 | 2,50 |
| MN8GRLN1PG | 0492-0592-096 | ePM2,5>65-80% | F8 | 96 | 5,00 | 2100 | 115 | 4,30 |
| MN8GRLN1PG | 0592-0592-096 | ePM2,5>65-80% | F8 | 96 | 6,00 | 2500 | 115 | 6,65 |

| Code | Size W x L x D | Filter Class ISO 16890 | Filter Class EN 779-2012 | Filter Depth mm | Filter Area m ² | Air Flow m ³ /h | In.Pressure D. Pa. | Weight kg |
|------------|-------------------|---------------------------|-----------------------------|--------------------|-------------------------------|-------------------------------|-----------------------|--------------|
| MN9GRLN1PG | 0287-0592-096 | ePM1>80% | F9 | 96 | 2,85 | 1250 | 130 | 2,50 |
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| MN9GRLN1PG | 0592-0592-096 | ePM1>80% | F9 | 96 | 6,00 | 2500 | 130 | 6,65 |