

# MICROPLEAT DM

Ducted Disposable Ceiling Modules

MICROPLEAT DM ceiling modules are designed to install in cleanroom ceiling grid or ceiling mounting systems and can be supplied with air individually using 10" or 12" flex duct. When maximum filter resistance is reached, the entire unit is replaced.



**Efficiency:** 99.99% and 99.999% on 0.3 micron and 99.9995% on 0.12 micron

**Frame material:** Anodized extruded aluminum

**Frame style:** Box

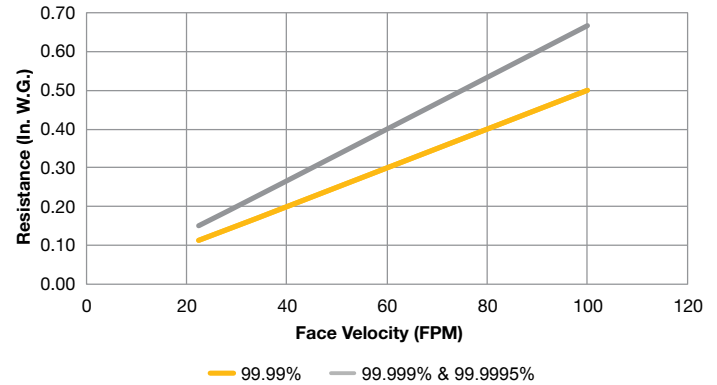
**Media:** Micro-glass fiber

**Gasket:** 1/4 x 3/4 urethane or gel seal, air leaving side

**Sealant:** Urethane

**Separator:** Mini-pleat

Resistance vs. Face Velocity



Construction Code	Nominal Size (H x W x D) Inches	Actual Size (H x W x D) Inches	Rated Air Flow Capacity (CFM)	Initial Resistance (Inches W.G.) @ Rated Air Flow	Inlet Collar Diameter (Inches)	Media Area (Square Feet)
<b>Units for 1.5" T-Bar Ceiling Grid Units, 99.99% on 0.3 µm</b>						
CD24240L-ONP750W36	24 x 24 x 5	23-5/8 x 23-5/8 x 5	290	0.45"	10"	107
CD24480L-ONP750W36	24 x 48 x 5	23-5/8 x 47-5/8 x 5	620	0.45"	10"	215
CD24242L-ONP750W36	24 x 24 x 5	23-5/8 x 23-5/8 x 5	290	0.45"	12"	107
CD24482L-ONP750W36	24 x 48 x 5	23-5/8 x 47-5/8 x 5	620	0.45"	12"	215
<b>Units for 1.5" T-Bar Ceiling Grid Units, 99.999% on 0.3 µm</b>						
CD24240L-ONP750W46	24 x 24 x 5	23-5/8 x 23-5/8 x 5	290	0.60"	10"	107
CD24480L-ONP750W46	24 x 48 x 5	23-5/8 x 47-5/8 x 5	620	0.60"	10"	215
CD24242L-ONP750W46	24 x 24 x 5	23-5/8 x 23-5/8 x 5	290	0.60"	12"	107
CD24482L-ONP750W46	24 x 48 x 5	23-5/8 x 47-5/8 x 5	620	0.60"	12"	215
<b>Units for 1.5" T-Bar Ceiling Grid Units, 99.9995% on 0.12 µm</b>						
CD24240L-ONP750WF6	24 x 24 x 5	23-5/8 x 23-5/8 x 5	290	0.60"	10"	107
CD24480L-ONP750WF6	24 x 48 x 5	23-5/8 x 47-5/8 x 5	620	0.60"	10"	215
CD24242L-ONP750WF6	24 x 24 x 5	23-5/8 x 23-5/8 x 5	290	0.60"	12"	107
CD24482L-ONP750WF6	24 x 48 x 5	23-5/8 x 47-5/8 x 5	620	0.60"	12"	215

**NOTES:**

1. Filters individually tested per IEST-RP-CC001
2. Rated face velocity 90 FPM
3. Recommended final resistance twice initial resistance
4. Maximum operating temperature, metal: 160°F (71°C)
5. Classified per UL 900 for flammability only.

