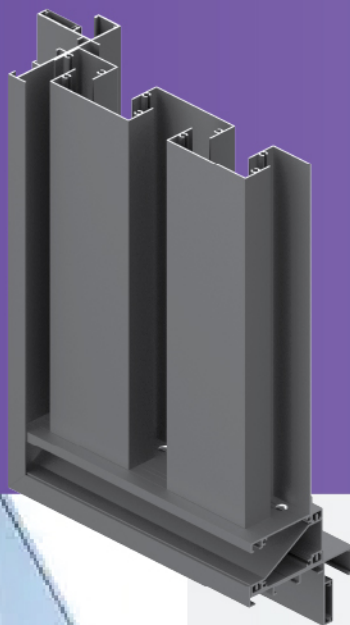




Machines & Aluminium Center
مركز ماكينات ومستلزمات الألومنيوم

RAMAK 88

Shading System



PROFILES 1:1

2026
VER. 01

MACHINES AND ALUMINUM CENTER

Machines and Aluminum Center is an Egyptian based company established in the year 1981 and started its activity with aluminium applications in architectural and construction field.

They represent and cooperate with several leading European firms in field of aluminium business including aluminium fabrication machinery, accessories and hardware for architectural applications and different aluminium systems varying from windows and doors, up to facades and solar protection.

Our goal is to supply our clients with whatever is needed to apply our aluminium systems in the building construction. We are specialized in supplying all required machinery, equipments, dies, punches, hardware and fittings for our aluminium systems.

We offer a wide range of products to local market and neighbor countries. Our product range includes windows and doors, partition systems, different façade solutions and the related integrated accessories.

We partner with our customers with value added services which means that with the help of our specialized team of engineers, we provide our clients with technical support to assist them in improving their product's quality.

We are committed to innovative and creative product design to fulfill all architectural requirements. Our products can meet the most exacting engineering and technical standards while overcoming sophisticated design challenges.



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The profiles shown in this catalogue are patented.

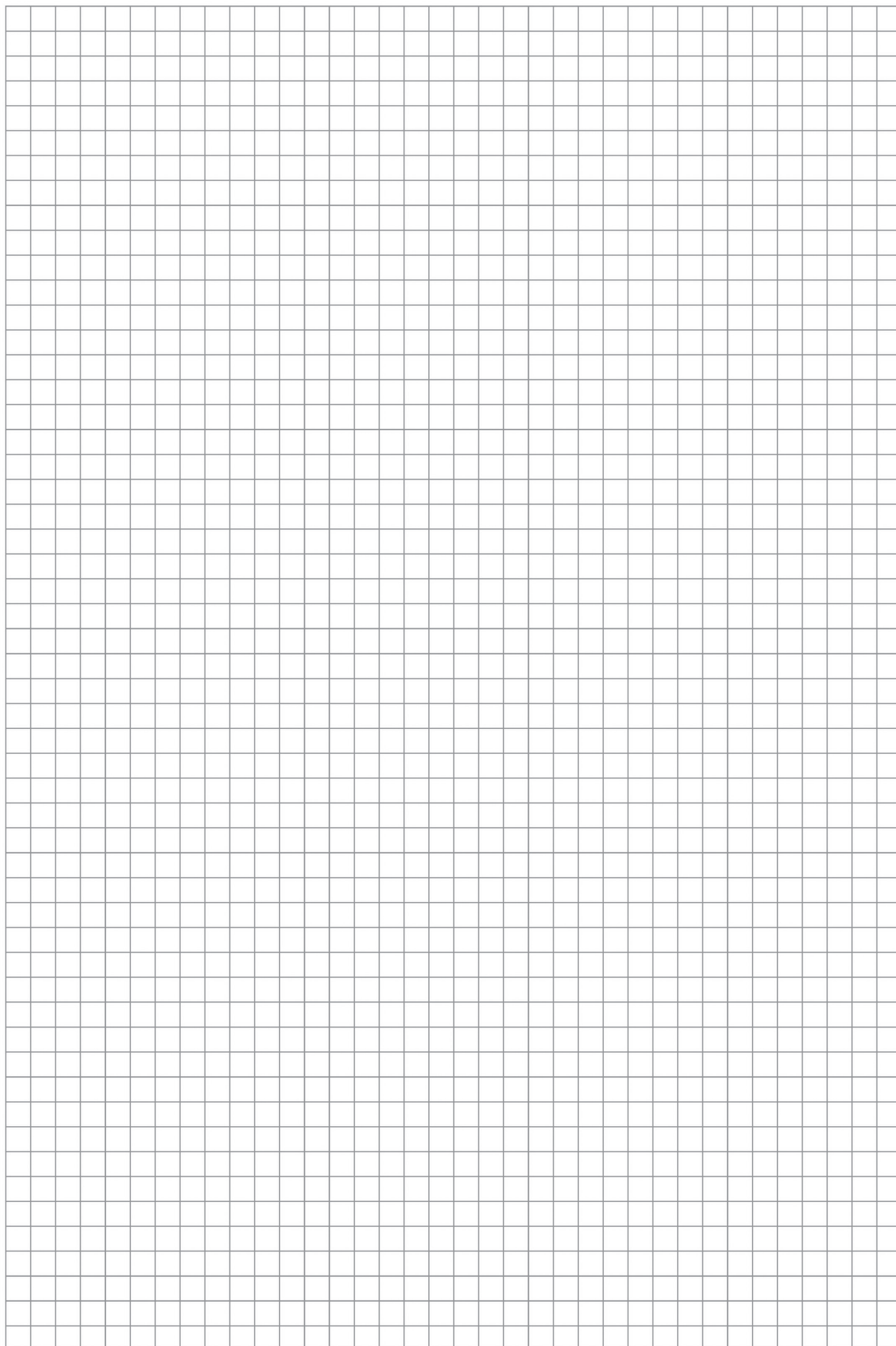
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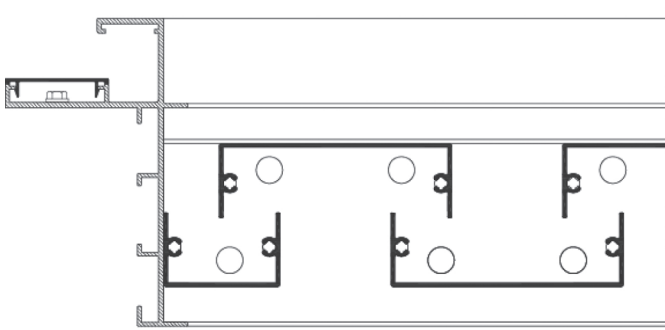
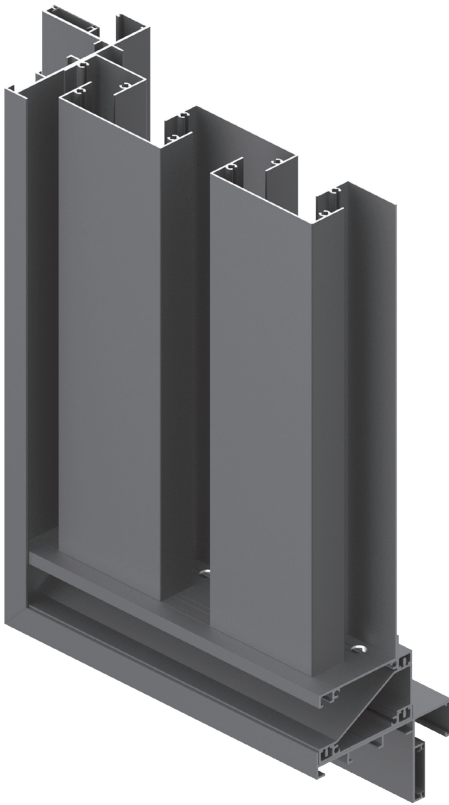
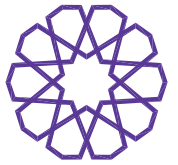
The manufacturer reserves the right to modify the items in this catalog without advanced notice.

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OPTIONS:

- Bird Screen, Fly screen (mesh size on request)
- Anti-dust filter cassette.

- Pre-filtration Media for airborne sand, allow air to pass through it while keeping out unwanted elements such as sand, water, and dirt.
- Architectural (STATIC) ventilation device integrated in the building envelope.
- Suitable for both industrial and commercial ventilation applications.
- Self-cleaning base through which the filtered sand is drained out easily.
- Symmetric louvre when the multiple is even or odd.
- Concealed assembly screws.

Technical Characteristics

Dimension Frame

56 mm. to 124 mm.

Dimension Blade

44 mm. to 88 mm.

Blade Pitch - Blade 60

85 mm.

Blade Pitch - Blade 88

130 mm.

Blade Type

Vertical blade

Max Dimensions

2000 mm. X 1300 mm.

Physical Free Area

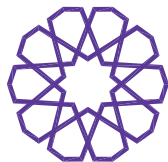
32%










Airflow

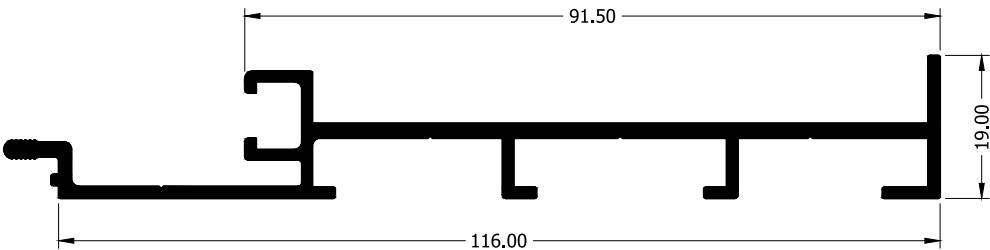
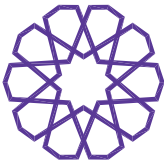
EN 13030

Filtration Efficiency

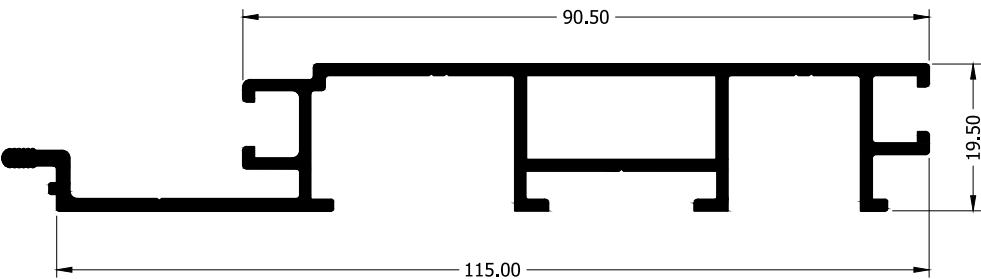
EN 13181



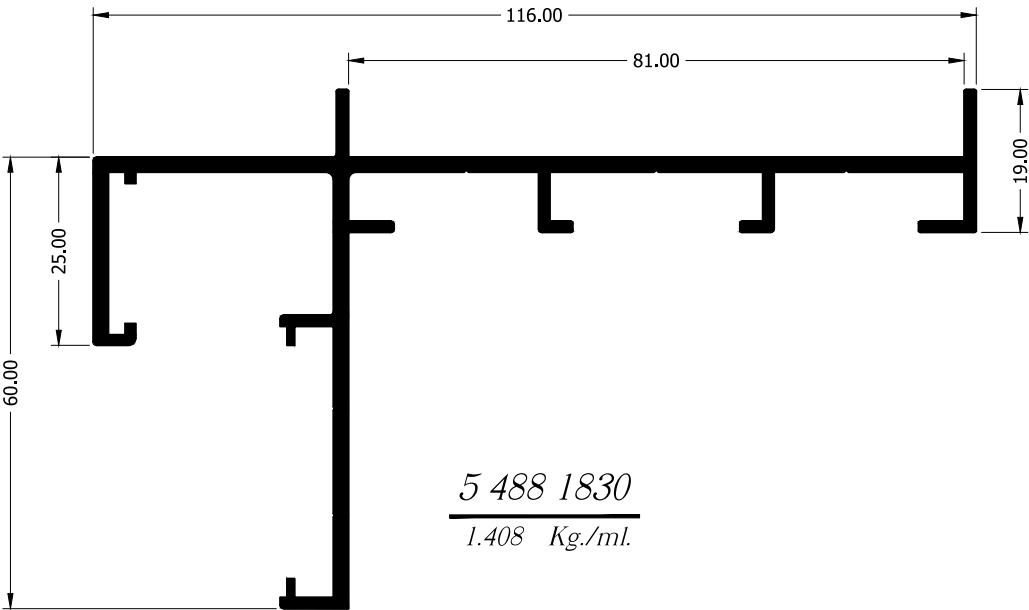
Section	Profile no.	Description	Weight kg/m	Perimeter mm	Inertia		page No.
					Ix	Iy	
	5 4881510	Frame Profile	0.988	425	0.68	50.00	7
	5 4881520	Frame Profile	1.088	457	2.00	48.94	7
	5 4881830	Frame Profile	1.408	566	14.52	63.47	7
	5 4883181	Ending Profile	0.614	282	0.40	16.06	8
	5 4883280	Ending Profile	0.615	306	3.24	16.07	8
	5 4883985	Transom Profile	0.997	282	17.44	42.30	8
	5 4884841	Slat Profile	0.482	241	1.30	5.73	8
	5 4884861	Slat Profile	0.517	284	1.53	11.35	8
	5 4884881	Slat Profile	0.660	329	1.68	28.65	8



5 488 1510
0.988 Kg./ml.

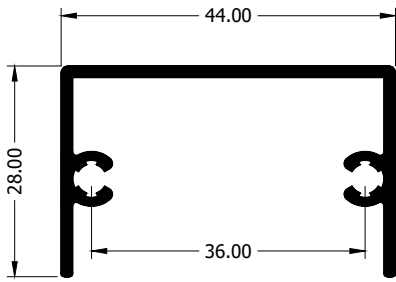
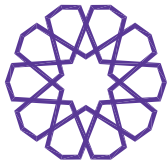


5 488 1520
1.088 Kg./ml.

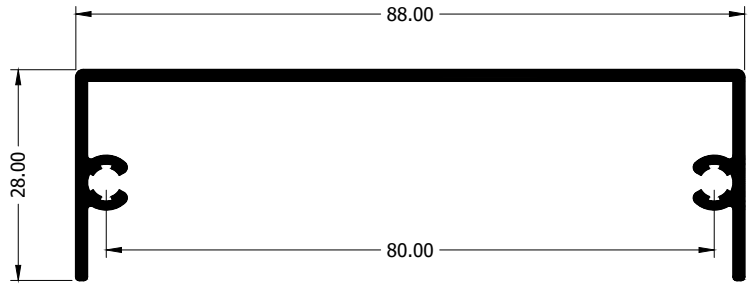


5 488 1830
1.408 Kg./ml.

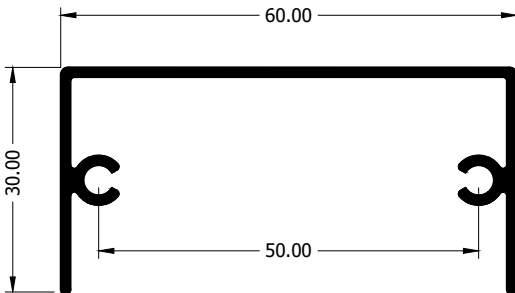
Profile No.	5 488 1510	5 488 1520	5 488 1830
Profile Old No.	RM 8803	RM 8805	RM 8815



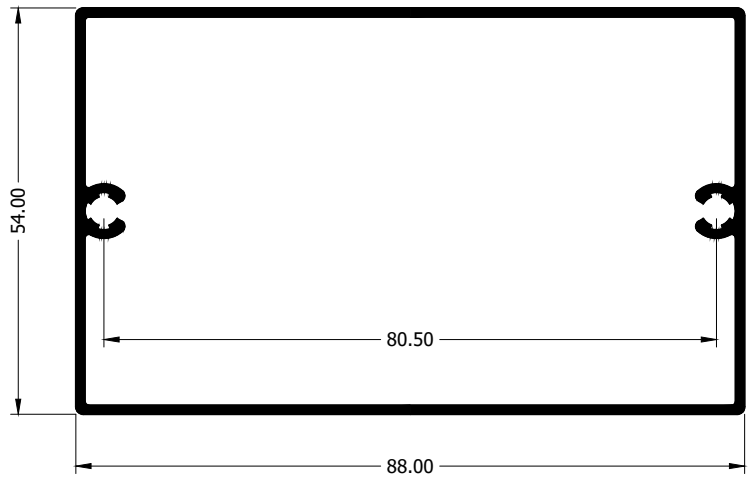
5 488 4841
0.482 Kg./ml.



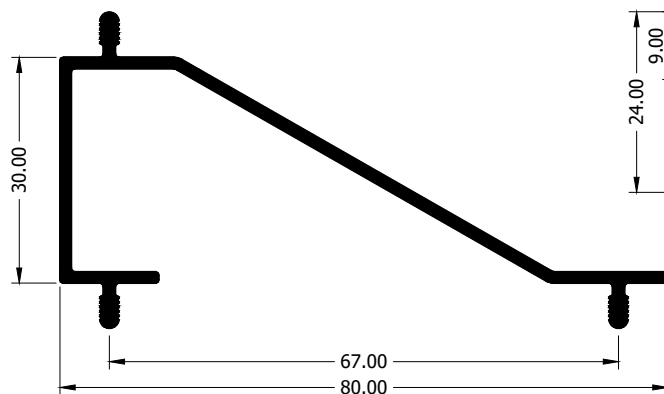
5 488 4881
0.660 Kg./ml.



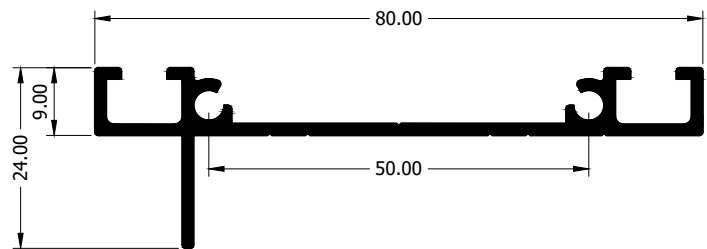
5 488 4861
0.517 Kg./ml.



5 488 3985
0.997 Kg./ml.



5 488 3280
0.615 Kg./ml.



5 488 3181
0.614 Kg./ml.

Profile No.	5 488 3181	5 488 3280	5 488 3985	5 488 4841	5 488 4861	5 488 4881
Profile Old No.	RM 8858	RM 8898	RM 8854	RM 8844	RM 8846	RM 8848

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