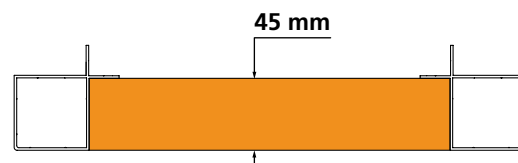


Standard system with aluminium corners

Panel thickness 45 mm
External dimension 50 mm



The APS Arosio system is born here.

The standard structure has simple lip profiles available and offers a wide range of combinations. Thanks to its simplicity, it is confirmed among the most used systems by those who deal in AHU. Use practicality and versatility make this system the reference point of all the manufacturers.

Test of air tightness [internal report]

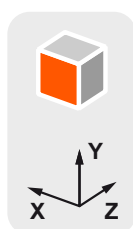
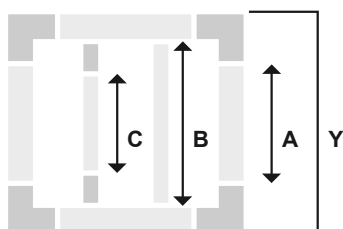
Corner	Profile	sec	Liters	coeff.	area m ²	Transformed f(400)	PR EN 1886:2003 Air leakage
AC530-4500	P150-45000	60	42	0,700	4,77	0,3613	L2
		120	84	0,700	4,77	0,3613	L2

Tests carried out with standard assembly product, without using silicone. Dimension of the tested unit: 853x853x730 mm.

Aim of the test was to catalog the actual performance of the APS structures without extra arrangements.

These values have created a starting point to improve our products.

Cutting conditions of the profiles



$$A = Y - 140 \text{ mm} / 5.46''$$


$$B = Y - 100 \text{ mm} / 3.9''$$

$$C = Y - 140 \text{ mm} / 5.46''$$

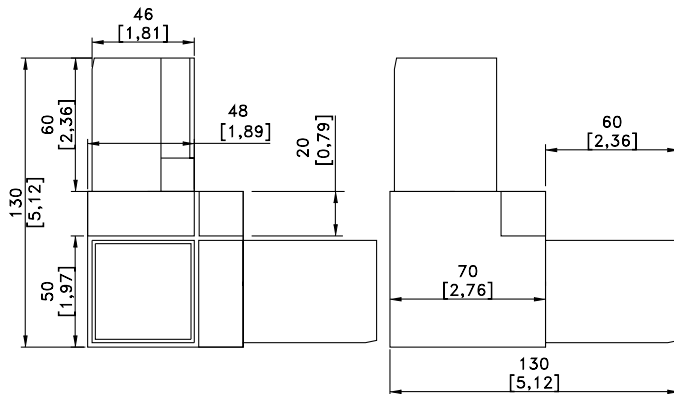
The formulas are valid for all sides of the module

Y = external dimension

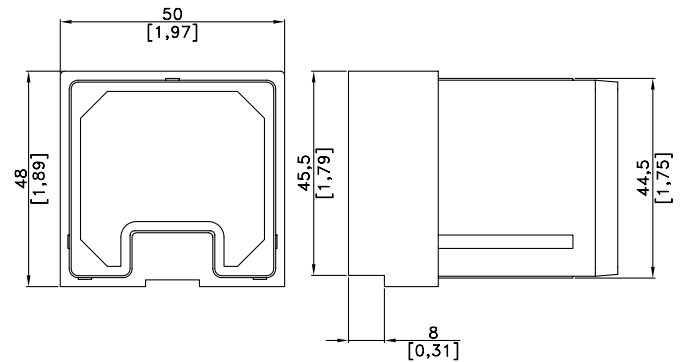
Aluminium accessories

AC530-4500 Main corner	GOP250-450 Omega joint	TECHNICAL DATA	
		Panel thickness	45 mm / 1.76"
Weight: 475 g	Weight: 120 g	Material	EN AB 46100
		Color	RAL

AC530-4500





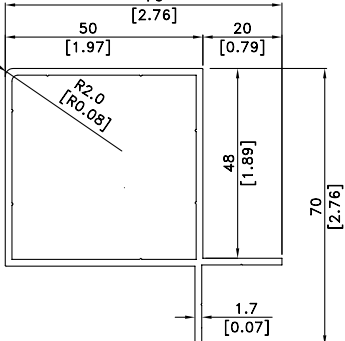
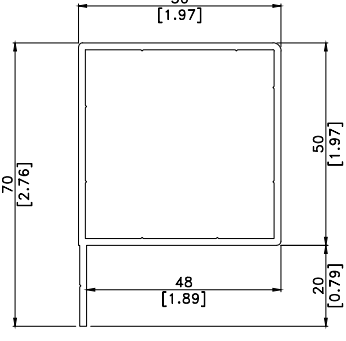


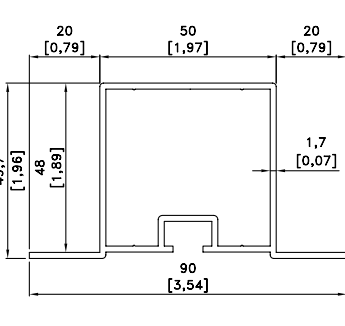
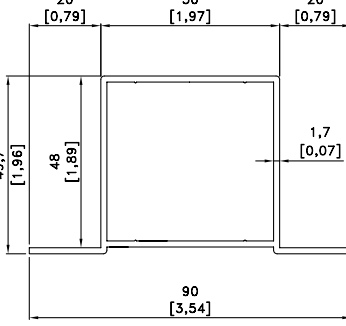
GOP250-450



Aluminium profiles


TECHNICAL DATA

Material	Extruded aluminium EN AW 6060
Treatment	T6
Color	RAL

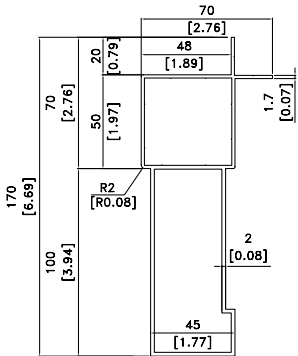
P150-45000 Main profile	PG150-4500 Joining profile
 <p>External dimension: 50 mm</p> <p>Panel thickness: 45 mm</p> <p>Weight: 1.090 kg/m</p>	 <p>External dimension: 50 mm</p> <p>Panel thickness: 45 mm</p> <p>Weight: 0.980 kg/m</p>
 <p>Technical drawing of the P150-45000 Main profile. The drawing shows a front view with dimensions: 70 mm [2,76] (total width), 50 mm [1,97] (top flange width), 20 mm [0,79] (bottom flange width), 48 mm [1,89] (height), 70 mm [2,76] (total height), and 1,7 mm [0,07] (bottom flange width). A detail shows a radius R2,0 [0,08].</p>	 <p>Technical drawing of the PG150-4500 Joining profile. The drawing shows a front view with dimensions: 50 mm [1,97] (total width), 70 mm [2,76] (total height), 48 mm [1,89] (height of the main body), and 20 mm [0,79] (bottom flange width).</p>
P250-45000 Omega profile with channel	P350-45000 Omega profile without channel
 <p>External dimension: 50 mm</p> <p>Panel thickness: 45 mm</p> <p>Weight: 1.200 kg/m</p>	 <p>External dimension: 50 mm</p> <p>Panel thickness: 45 mm</p> <p>Weight: 1.090 kg/m</p>
 <p>Technical drawing of the P250-45000 Omega profile with channel. The drawing shows a front view with dimensions: 20 mm [0,79] (top flange width), 50 mm [1,97] (total width), 20 mm [0,79] (bottom flange width), 48 mm [1,89] (height), 49,7 mm [1,96] (total height), 1,7 mm [0,07] (bottom flange width), and 90 mm [3,54] (total width).</p>	 <p>Technical drawing of the P350-45000 Omega profile without channel. The drawing shows a front view with dimensions: 20 mm [0,79] (top flange width), 50 mm [1,97] (total width), 20 mm [0,79] (bottom flange width), 48 mm [1,89] (height), 49,7 mm [1,96] (total height), 1,7 mm [0,07] (bottom flange width), and 90 mm [3,54] (total width).</p>

Bases


BAS150-450 Base profile



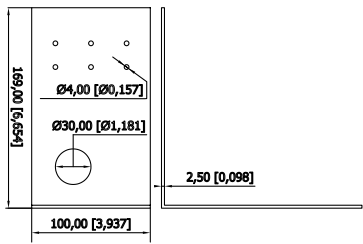
External dimension: 50 mm
Panel thickness: 45 mm
Weight: 2.520 kg/m



FE-1000000 Corner for base




External dimension: 100 mm
Material: Galvanized steel
Weight: 610 g

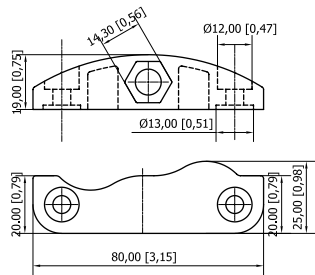


Unit connection


TH5009-000 Unit connection with screws



External dimension: 40 mm
Material: EN AB 46100
Weight: 44 g



GU-9000000 90° Unit connection



External dimension: 40 mm
Material: EN AB 46100
Weight: 116 g

