

Damper with Thermal Break Blades

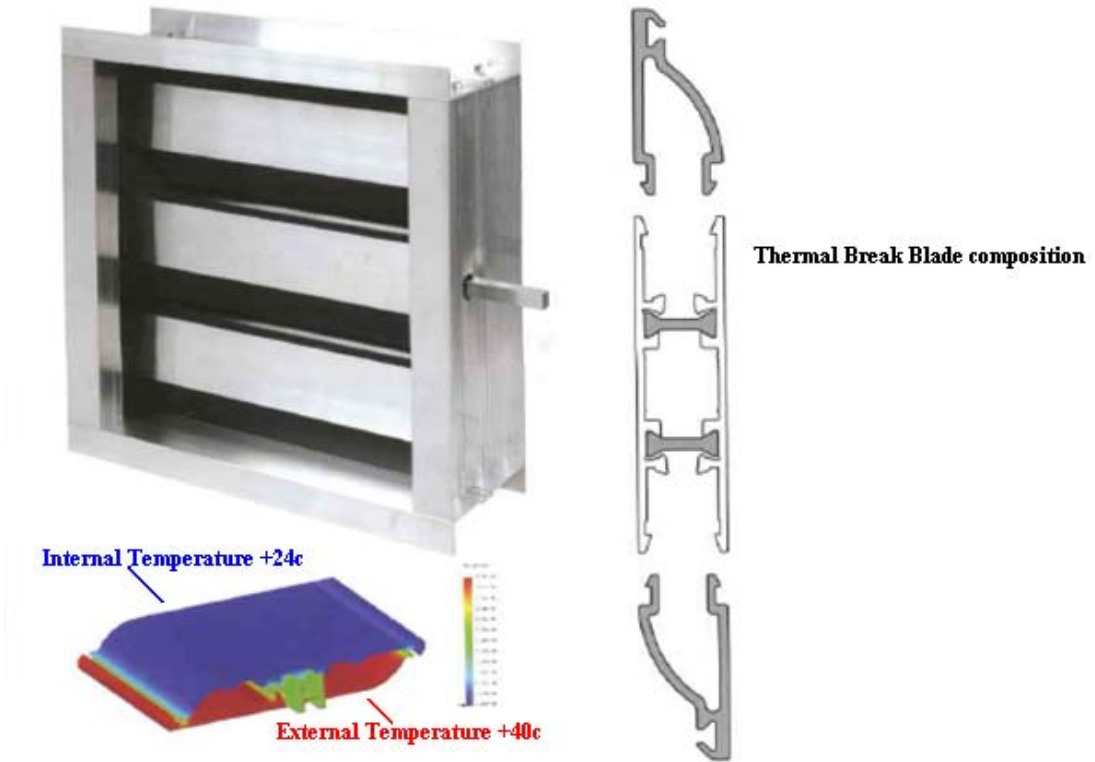
Built with the same components of the standard frame, it introduces a blade profile with thermal break to improve the total power efficiency.

Blade PS100TT-00 enables a reduction of the thermal exchange on 90% of the damper's surface, while still using the same APS AROSIO installation system for the damper.

The wing profile PS100TT-00, which has the same sizes as the standard PS10000000 profile, includes an aluminium profile with thermal break assembled plus two profiles in PA 6.6.

The special clamping system between the elements of the PS100TT-00 blade prevents the elements from moving both during the cutting phase and during its life. Hence no special attention is needed in the installation of these dampers. Simply follow the current procedures for the installation of the other APS Arosio dampers.

Materials of the special "guide" damper pitch 100 mm / 3.94 in	
Frame	Aluminium EN AW 6060 T6 extruded
Blade	Profile: thermal break blade aluminium EN AW 6060 T6 extruded with PA 6.6 bars
CPS9300000 Blade Components	Polyamide 6 + glass fibre 20%
CPS2007000 Blade Component	Low Temperature Polyamide 6 + glass fibre 20%
Gasket	Thermoplastic rubber
Handle	Die-casted aluminium EN AB 46100
Shaft	Square section 12 mm / 0.47 in – round section \varnothing 12mm / 0.47 in



The thermal break that is created helps keep the different temperatures on the internal and external surfaces of the blade



Damper with thermal break blades assembled on AHU

