

alg Vista

Hidden sash casement system of 75 mm frame with thermal break.

Frame section size: **75 mm**

Sash section size: **75 mm**

Polyamide frame 34 mm strips PA66 with fiberglass

Polyamide sash 39 mm strips PA66 with fiberglass

Casement opening:

Weight per sash **110 Kg.**

Tilt and turn opening:

Weight per sash **150 Kg.**

Tilt and turn opening with hidden hinges:

Weight per sash: **150 Kg**

Maximum dimensions per sash for all opening:

1.500 mm length and 1.500 mm height - sash 20712L

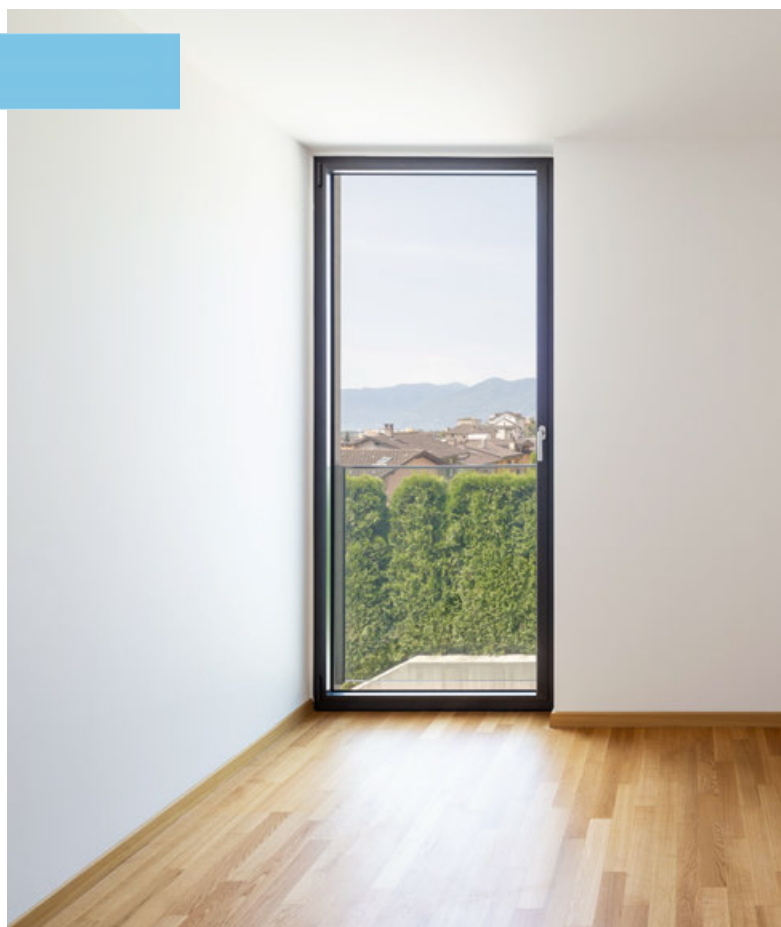
1.500 mm length and 2.200 mm height - sash 20845

Maximum glazing:

Frame **56 mm.**

Sash **40 mm.**

**Please, consult maximum dimensions and weight*



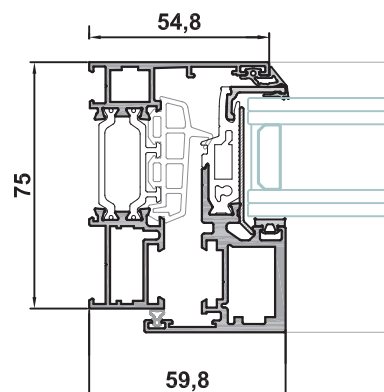
Technical Specifications

Air permeability *	CLASS 4
UNE EN 1026 - EN 12207	
Water tightness *	CLASS E1050
UNE EN 1027 - EN 12208	
Wind resistance *	CLASS C5
UNE EN 12211 - EN 12210	
Thermal transmission **	1,5 W/(m² K)
«Uw» Window	
UNE EN ISO 10077-1	
Thermal transmission	1,8 W/(m² K)
«Uf» Frame	
UNE EN ISO 10077-2:2020	
Acoustic insulation ***	38 (-1; -4)dB
UNE EN 10140-2:2011	

* 2 sash window of 1230 x 1480 mm

** 2 sash window of 1230 x 1480 mm; glass Ug: 0,7 W/m² K 2 2

*** sash window of 2,7 m²; glass Rw=40 (-2;-4) dB



MINIMUM SIZE SASH = 450mm

alg 83 PASSIVE HOUSE

Casement system of 83 mm frame. PASSIVE HOUSE CERTIFICATE with slim frame and sash profiles. Top-notch thermal performance with minimal vision

Frame section size: **83 mm**

Sash section size: **90 mm**

Polyamide frame 42 mm strips (Low Lambda).

Polyamide sash 42 y 45 mm strips (Low Lambda).

Casement opening:

Weight per sash: **120 Kg**

Tilt and turn opening:

Weight per sash: **130 Kg.**

Tilt and turn opening with hidden hinges:

Weight per sash: **150 Kg.**

Maximum dimensions per sash for all opening:

1700 mm length and 2.500 mm height

Maximum glazing:

Frame **61 mm**

Sash **61 mm**

**Please, consult maximum dimensions and weight*

Technical Specifications

Air permeability* **CLASS 4**

UNE EN 1026 - EN 12207

Water tightness* **CLASS E2700**

UNE EN 1027 - EN 12208

Wind resistance* **CLASS C5**

UNE EN 12211 - EN 12210

Thermal transmission ** **0,8 W/(m² K)**

«Uw» Window

UNE EN ISO 10077-1

Thermal transmission **1,0 W/(m² K)**

«Uf» Frame

UNE EN ISO 10077-2:2020

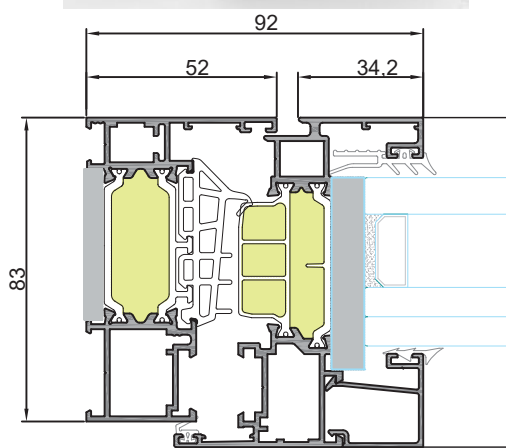
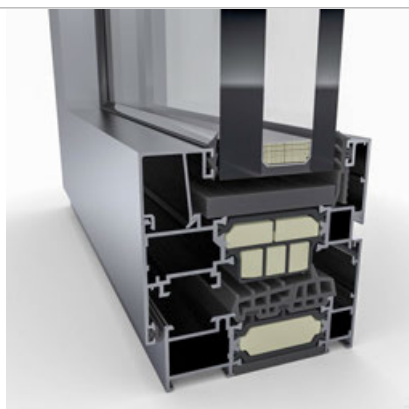
Acoustic insulation *** **46 (-1; -4)dB**

UNE EN 10140-2:2011

* 2 sash window of 1230 x 1480 mm.

** Window with 2 sashes of 1600 x 2335 mm; glass Uw: 0,5 W/m²K

*** 2 sash window of 1230 x 1480 mm.; glass 6+6.1but. acoustic/ 14/10Float/12/5+5.1but.acoustic





ID 1676wi04

alg 75 PASSIVE HOUSE

Casement system of 75 mm frame with PASSIVE HOUSE CERTIFICATE

Frame section size: **75 mm**

Sash section size: **82 mm**

Polyamide frame 37 mm strips (Low Lambda).

Polyamide sash 37 and 34 mm strips (Low Lambda).

Casement opening:

Weight per sash: **120 Kg**

Tilt and turn opening:

Weight per sash: **130 Kg**

Tilt and turn opening with hidden hinges:

Weight per sash: **150 Kg**

Maximum dimensions per sash for all opening:

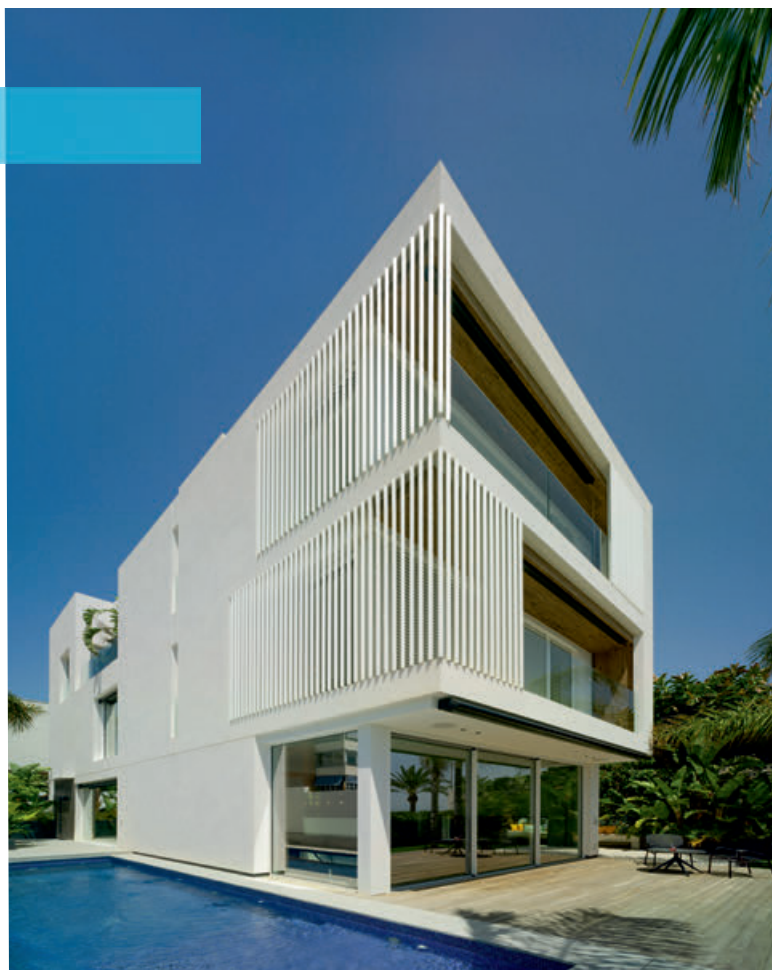
1700 mm lenght and 2.500 mm height

Maximun glazing:

Frame **53 mm.**

Sash **53 mm.**

**Please, consult maximum dimensions and weight*



Technical Specifications

Air permeability * **CLASS 4**

UNE EN 1026 - EN 12207

Water tightness * **CLASS 3600**

UNE EN 1027 - EN 12208

Wind resistance * **CLASS C5**

UNE EN 12211 - EN 12210

Thermal transmission ** **0,9 W/(m² K)**

«Uw» Window

UNE EN ISO 10077-1

Thermal transmission **1,0 W/(m² K)**

«Uf» Frame

UNE EN ISO 10077-2:2020

Accoustic insulation *** **44(-1; -3)dB**

UNE EN 10140-2:2011

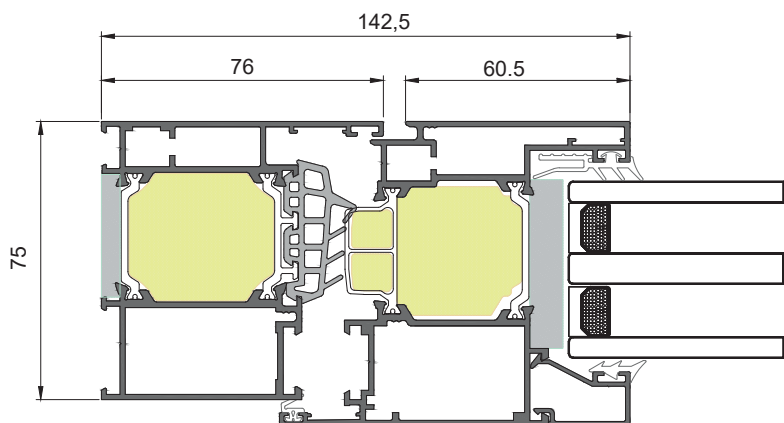
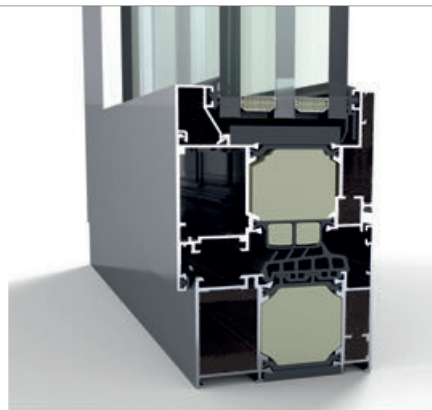
Burglar-resistant **RC2**

UNE EN 1627

* 2 sash window of 1230 x 1480 mm.

** 2 sash window of 1600 x 2335 mm; glass Uv: 0,5 W/m K

*** 2 sash window of 1230 x 1480 mm.; glass acoustic / 24 / 6+4 Acoustic





alg 75 Máxima

Casement system of 75 mm frame with great thermal and acoustic performance.

Frame section size: **75 mm**

Sash section size: **82 mm**

Polyamide frame 34 mm strips PA66 with fiberglass

Polyamide sash 37 and 34 mm strips PA66 with fiberglass

Casement opening:

Weight per sash **120 Kg.**

Tilt and turn opening:

Weight per sash **130 Kg.**

Tilt and turn opening with hidden hinges:

Weight per sash: **150 Kg**

Maximum dimensions per sash for all opening:

1700 mm lenght and 2.500 mm height

Maximun glazing:

Frame **53 mm.**

Sash **53 mm.**

**Please, consult maximum dimensions and weight*

Technical Specifications HQ SYSTEM

Air permeability * CLASS 4
UNE EN 1026 - EN 12207

Water tightness * CLASS E3600
UNE EN 1027 - EN 12208

Wind resistance * CLASS C5
UNE EN 12211 - EN 12210

Thermal transmission ** 0,9 W/(m² K)
«Uw» Window
UNE EN ISO 10077-1

Thermal transmission 1,2 W/(m² K)
«Uf» Frame
UNE EN ISO 10077-2:2020

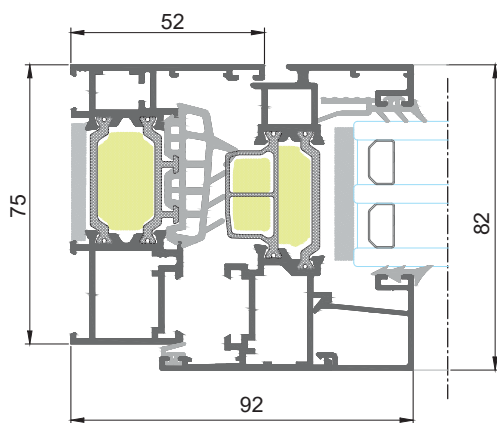
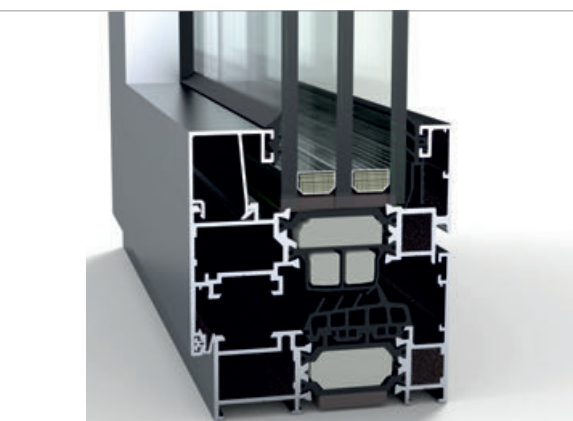
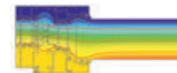
Aislamiento acústico *** 44 (-1 ; -3)dB
UNE EN 10140-2:2011

Burglar-resistant RC2
UNE EN 1627

* 2 sash window of 1230 x 1480 mm

** 2 sash window of 1600 x 2335 mm; glass Uv: 0,5 W/m K

*** 2 sash window of 1230 x 1480 mm.; glass acoustic / 24 / 6+4 Acoustic



alg 75 Máxima HS

Hidden sash casement system of 75 mm frame with thermal break

Frame section size: **75 mm**

Sash section size: **69,5 mm**

Polyamide frame 34 mm strips PA66 with fiberglass

Polyamide sash 26 mm strips PA66 with fiberglass

Casement opening:

Weight per sash **120 Kg.**

Tilt and turn opening:

Weight per sash **130 Kg.**

Tilt and turn opening with hidden hinges:

Weight per sash: **150 Kg**

Maximum dimensions per sash for all opening:

1700 mm length and 2.500 mm height

Maximum glazing:

Frame **53 mm.**

Sash **38 mm.**

**Please, consult maximum dimensions and weight*



Technical Specifications HQ SYSTEM

Air permeability * CLASS 4

UNE EN 1026 - EN 12207

Water tightness * CLASS E900

UNE EN 1027 - EN 12208

Wind resistance * CLASS C5

UNE EN 12211 - EN 12210

Thermal transmission ** 1,1 W/(m K)

«Uw» Window

UNE EN ISO 10077-1

Thermal transmission 1,5 W/(m² K)

«Uf» Frame

UNE EN ISO 10077-2:2020

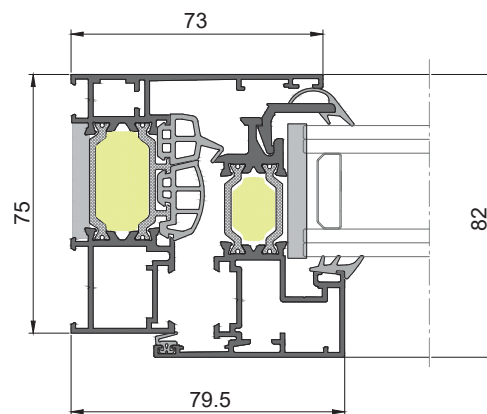
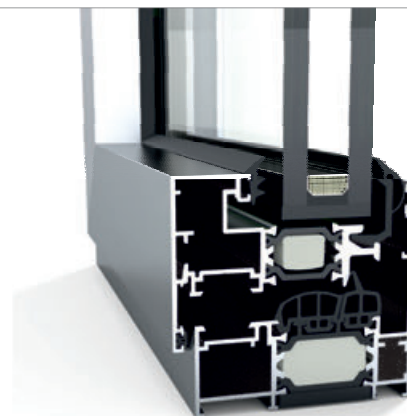
Acoustic insulation *** 45 (-2 ; -6)dB

UNE EN 10140-2:2011

* 2 sash window of 1230 x 1480 mm.

** 2 sash window of 1600 x 2335 mm; glass Uv: 0,6 W/m K

*** 2 sash window 1230 x 1480 mm.; glass 4+4 Acoustic / 16 / 5+5 Acoustic



alg 75 Máxima C16

Casement system of 75 mm frame with 16 mm channel and great thermal and performance.

Frame section size: **75 mm**

Sash section size: **82 mm**

Polyamide frame 34 mm strips PA66 with fiberglass

Polyamide sash 34 mm strips PA66 with fiberglass

Casement opening:

Weight per sash **120 Kg.**

Tilt and turn opening:

Weight per sash **100 Kg.**

Maximum dimensions per sash for all opening:

1.450 mm lenght and 2.400 mm height

Minimum dimensions per sash for all opening:

370 mm lenght and 400 mm height

Maximun glazing:

Frame **53 mm.**

Sash **53 mm.**

**Please, consult maximum dimensions and weight*

Technical Specifications HQ SYSTEM

Air permeability * CLASS 4

UNE EN 1026 - EN 12207

Water tightness * CLASS E2550

UNE EN 1027 - EN 12208

Wind resistance * CLASS C5

UNE EN 12211 - EN 12210

Thermal transmission ** 1,0 W/(m² K)

«Uw» Window

UNE EN ISO 10077-1

Thermal transmission 1,3 W/(m² K)

«Uf» Frame

UNE EN ISO 10077-2:2020

Acoustic insulation *** 46 (-1; -4)dB

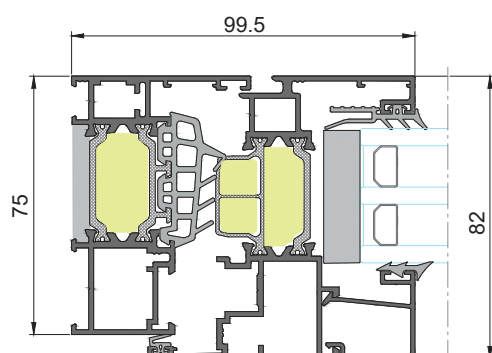
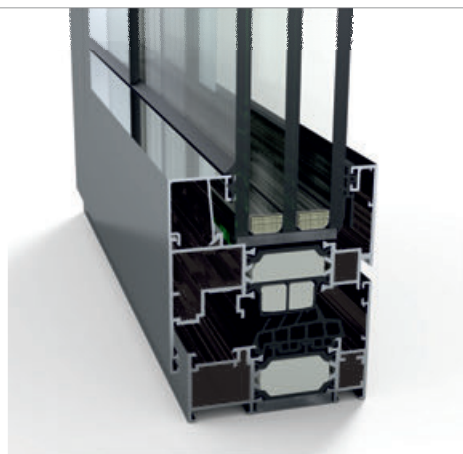
UNE EN 10140-2:2011

* 2 sash window of 1230 x 1480 mm.

** 2 sash window of 1600 x 2335 mm.;glass Ug: 0,5 W/m K

*** 2 sash window of 1230 x 1480 mm.glass 6+6.2 Silence/24/4+4.2 Silence

UNE-EN ISO 10140-2:2011



alg 75 Máxima HS C16

Hidden sash casement system of 75 mm frame with thermal break and 16 mm channel

Frame section size: **75 mm**

Sash section size:**69.5 mm**

Polyamide frame 34 mm strips PA66 with fiberglass

Polyamide sash 26 mm strips PA66 with fiberglass

Casement opening:

Weight per sash **120 Kg.**

Tilt and turn opening:

Weight per sash **100 Kg.**

Maximum dimensions per sash for all opening:

1.450 mm length and 2.400 mm height

Maximum glazing:

Frame **53 mm.**

Sash **36 mm.**

**Please, consult maximum dimensions and weight*



Technical Specifications HQ SYSTEM

Air permeability * CLASS 4

UNE EN 1026 - EN 12207

Water tightness * CLASS E2550

UNE EN 1027 - EN 12208

Wind resistance * CLASS C5

UNE EN 12211 - EN 12210

Thermal transmission ** 1,2 W/(m K)

«Uw» Window

UNE EN ISO 10077-1

Thermal transmission 1,8 W/(m² K)

«Uf» Frame

UNE EN ISO 10077-2:2020

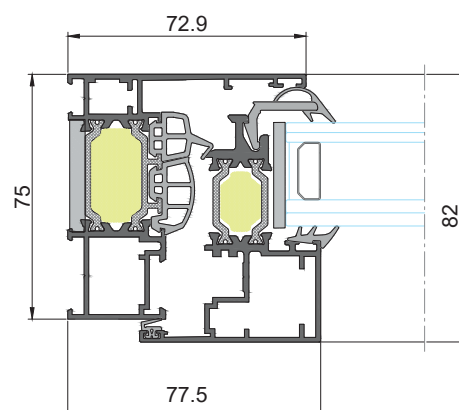
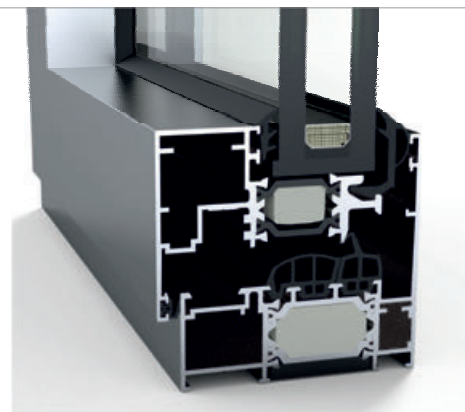
Acoustic insulation *** 45 (-1; -4)dB

UNE EN 10140-2:2011

* 2 SASH WINDOW OF 1230 x 1480 mm.

** 2 sash window of 1600 x 2335 mm; glass Uv: 0.7 W/m K

*** 2 sash window of 1230 x 1480 mm.; glass 4+4 Acústico / 16 / 5+5 Acústico



alg 65 Óptima

Casement system of 65 mm frame
with thermal break

Frame section size: **65 mm**

Sash section size: **72 mm**

Polyamide frame 24 mm strips PA66 with fiberglass

Polyamide sash 27 and 24 mm strips PA66 with fiberglass

Casement opening:

Weight per sash **120 Kg.**

Tilt and turn opening:

Weight per sash **130 Kg.**

Tilt and turn opening with hidden hinges:

Weight per sash: **150 Kg**

Maximum dimensions per sash for all opening:

1700 mm length and 2.500 mm height

Maximum glazing:

Frame **43 mm.**

Sash **43 mm**

**Please, consult maximum dimensions and weight*

Technical Specifications HQ SYSTEM

Air permeability * **CLASS 4**

UNE EN 1026 - EN 12207

Water tightness * **CLASS E3300**

UNE EN 1027 - EN 12208

Wind resistance * **CLASS C5**

UNE EN 12211 - EN 12210

Thermal transmission ** **1,2 W/(m² K)**

«Uw» Window

UNE EN ISO 10077-1

Thermal transmission **1,8 W/(m² K)**

«Uf» Frame

UNE EN ISO 10077-2:2020

Acoustic insulation *** **47 (-1; -4)dB**

UNE EN 10140-2:2011

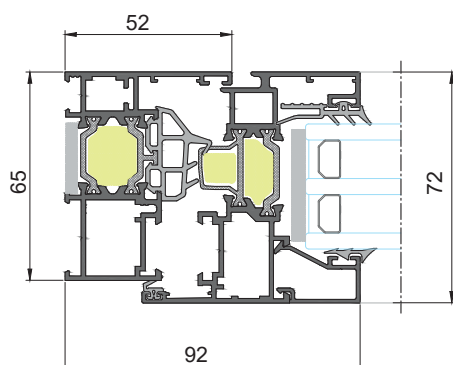
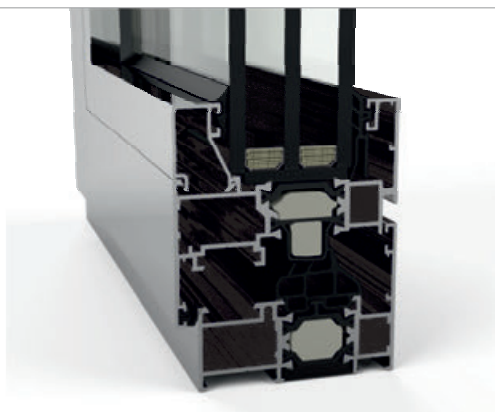
Burglar-resistant **RC3**

UNE EN 1627

* 2 sash window of 1230 x 1480 mm

** 2 sash window of 1600x 2335 mm; glass Ug: 0,6 W/m K

*** 2 sash window of 1230 x 1480 mm.; glass 6+6 Silence/24/4+4 Silence



alg 65 Óptima HS

Hidden sash casement system of 65 mm frame with thermal break

Frame section size: **65 mm**

Sash section size: **59,5 mm**

Polyamide frame 24 mm strips PA66 with fiberglass

Polyamide sash 29.5 mm strips PA66 with fiberglass

Casement opening:

Weight per sash **120 Kg.**

Tilt and turn opening:

Weight per sash **130 Kg.**

Tilt and turn opening with hidden hinges:

Weight per sash: **150 Kg**

Maximum dimensions per sash for all opening:

1700 mm length and 2.500 mm height

Maximum glazing:

Frame **43 mm.**

Sash **32 mm.**

**Please, consult maximum dimensions and weight*



Technical Specifications HQ SYSTEM

Air permeability * **CLASS 4**

UNE EN 1026 - EN 12207

Water tightness * **CLASS E900**

UNE EN 1027 - EN 12208

Wind resistance * **CLASS C5**

UNE EN 12211 - EN 12210

Thermal transmission ** **1,3 W/(m K)**

«Uw» Window

UNE EN ISO 10077-1

Thermal transmission **2,1 W/(m² K)**

«Uf» Frame

UNE EN ISO 10077-2:2020



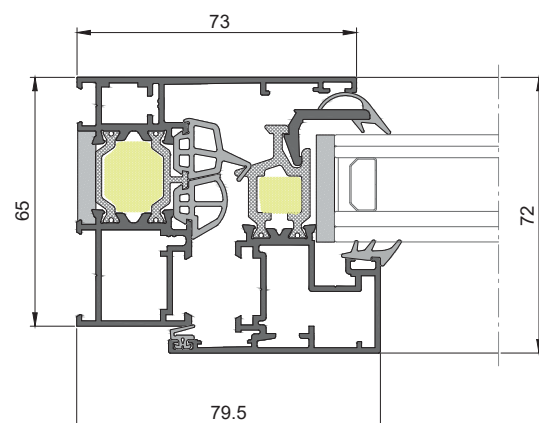
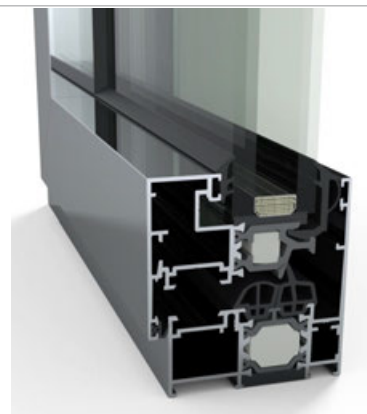
Acoustic insulation *** **46 (-2 ; -5)dB**

UNE EN 10140-2:2011

* 2 sash window of 1230 x 1480 mm.

** 2 sash window of 1600 x 2335 mm; glass Uv: 0,8 W/m K

*** 2 sash window of 1230 x 1480 mm.; glass 4+4 Acústico / 16 / 5+5 Acústico



alg 65 Óptima C16

Casement system of 65 mm frame with 16 mm channel and great thermal and performance.

Frame section size: **65 mm**

Sash section size: **72 mm**

Polyamide frame 24 mm strips PA66 with fiberglass

Polyamide sash 24 mm strips PA66 with fiberglass

Casement opening:

Weight per sash **120 Kg.**

Tilt and turn opening:

Weight per sash **100 Kg.**

Maximum dimensions per sash for all opening:

1.450 mm lenght and 2.400 mm height

Minimum dimensions per sash for all opening:

370 mm lenght and 400 mm height

Maximun glazing:

Frame **43 mm.**

Sash **43 mm.**

**Please, consult maximum dimensions and weight*

Technical Specifications HQ SYSTEM

Air permeability * **CLASS 4**

UNE EN 1026 - EN 12207

Water tightness * **CLASS E3000**

UNE EN 1027 - EN 12208

Wind resistance * **CLASS C5**

UNE EN 12211 - EN 12210

Thermal transmission ** **1,3 W/(m² K)**

«Uw» Window

UNE EN ISO 10077-1

Thermal transmission **1,8 W/(m² K)**

«Uf» Frame

UNE EN ISO 10077-2:2020

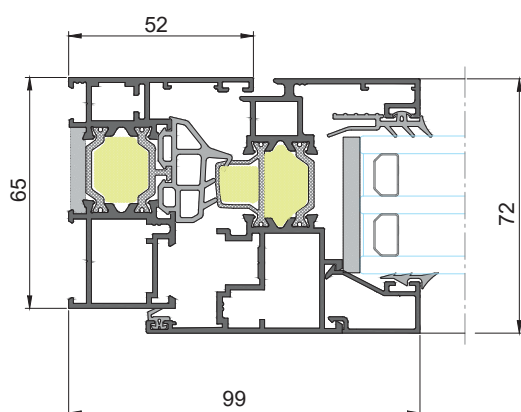
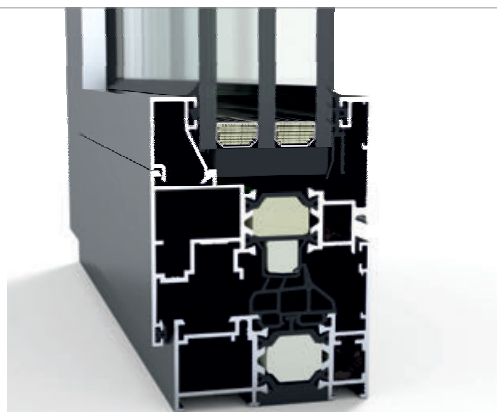
Acoustic insulation *** **45 (-1 ; -3)dB**

UNE EN 10140-2:2011

* 2 SASH WINDOW OF 1230 x 1480 mm.

** 2 sash window of 1600 x 2335 mm.; glass Ug: 0,6 W/m K

*** 2 sash window of 1230 x 1480 mm.; glass 6+6 Silence/16/4+4 Silence



alg 65 Óptima HS C16

Hidden sash casement system of 65 mm frame with thermal break and 16 mm channel

Frame section size: **65 mm**

Sash section size:**59.5 mm**

Polyamide frame 24 mm strips PA66 with fiberglass

Polyamide sash 29,5 mm strips PA66 with fiberglass

Casement opening:

Weight per sash **120 Kg.**

Tilt and turn opening:

Weight per sash **100 Kg.**

Maximum dimensions per sash for all opening:

1.450 mm lenght and 2.400 mm height

Maximun glazing:

Frame **43 mm.**

Sash **22 mm.**

**Please, consult maximum dimensions and weight*



Technical Specifications HQ SYSTEM

Air permeability * CLASS 4
UNE EN 1026 - EN 12207

Water tightness * CLASS E2250
UNE EN 1027 - EN 12208

Wind resistance * CLASS C5
UNE EN 12211 - EN 12210

Thermal transmission ** 1,5 W/(m² K)
«Uw» Window
UNE EN ISO 10077-1

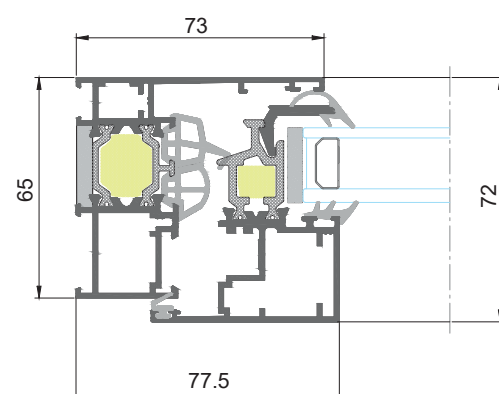
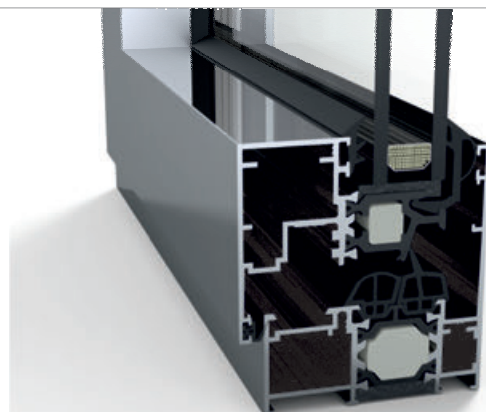
Thermal transmission 2,1 W/(m² K)
«Uf» Frame
UNE EN ISO 10077-2:2020

Acoustic insulation *** 44 (-1; -4)dB
UNE EN 10140-2:2011

* 2 SASH WINDOW OF 1230 x 1480 mm.

** 2 sash window of 1600 x 2335 mm; glass Uv: 1,0 W/m K

*** 2 sash window of 1230 x 1480 mm.; glass 4+4 Acústico / 16 / 5+5 Acústico



alg 55 Estándar

Casement system of 55 mm frame with thermal break

Frame section size: **55 mm**

Sash section size: **62 mm**

Polyamide frame 26 mm strips PA66 with fiberglass

Polyamide sash 26 and 24 mm strips PA66 with fiberglass

Casement opening:

Weight per sash **120 Kg.**

Tilt and turn opening:

Weight per sash **130 Kg.**

Tilt and turn opening with hidden hinges:

Weight per sash: **150 Kg**

Maximum dimensions per sash for all opening:

1700 mm lenght and 2.500 mm height

Maximun glazing:

Frame **33 mm.**

Sash **33 mm.**

**Please, consult maximum dimensions and weight*

Technical Specifications HQ SYSTEM

Air permeability * CLASS 4
UNE EN 1026 - EN 12207

Water tightness * CLASS E2100
UNE EN 1027 - EN 12208

Wind resistance * CLASS C5
UNE EN 12211 - EN 12210

Thermal transmission ** 1,3 W/(m² K)

«Uw» Window
UNE EN ISO 10077-1

Thermal transmission 1,8 W/(m² K)

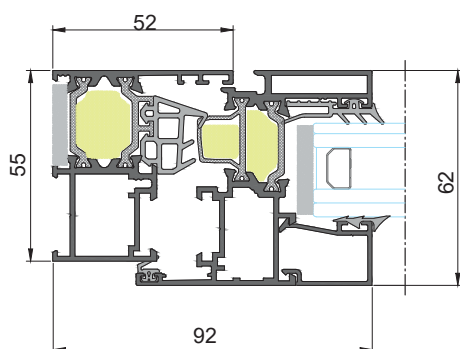
«Uf» Frame
UNE EN ISO 10077-2:2020

Accoustic insulation *** 45 (-1; -4)dB
UNE EN 10140-2:2011

* 2 sash window of 1230 x 1480 mm.

** 2 sash window of 1600 x 2335 mm.; glass Ug: 0,8 W/m K

*** 2 sash window of 1230 x 1480 mm.; glass 6+8 Silence/16/6+8 Silence



alg 55 Estándar C16

Casement system of 55 mm frame with 16 mm channel and thermal break.

Frame section size: **55 mm**

Sash section size: **62 mm**

Polyamide frame 26 mm strips PA66 with fiberglass

Polyamide sash 24 and 22 mm strips PA66 with fiberglass

Casement opening:

Weight per sash **120 Kg.**

Tilt and turn opening:

Weight per sash **100 Kg.**

Maximum dimensions per sash for all opening:

1.450 mm length and 2.400 mm height

Minimum dimensions per sash for all opening:

370 mm length and 400 mm height

Maximum glazing:

Frame **33 mm.**

Sash **33 mm.**

**Please, consult maximum dimensions and weight*



Technical Specifications HQ SYSTEM

Air permeability * **CLASS 4**
UNE EN 1026 - EN 12207

Water tightness * **CLASS E1800**
UNE EN 1027 - EN 12208

Wind resistance * **CLASS C5**
UNE EN 12211 - EN 12210

Thermal transmission ** **1,3** $^2W/(m^2 K)$

«Uw» Window

UNE EN ISO 10077-1

Thermal transmission **1,7** $W/(m^2 K)$

«Uf» Frame

UNE EN ISO 10077-2:2020

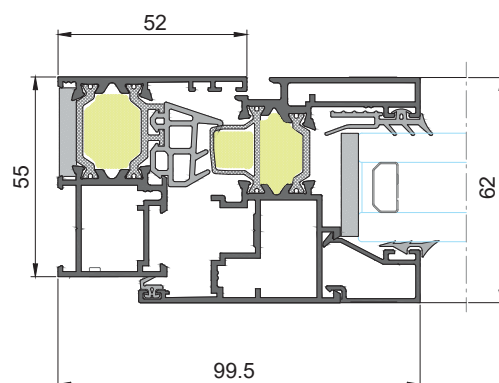


Acoustic insulation *** **45** (-1 ; -3)dB
UNE EN 10140-2:2011

* 2 sash window of 1230 x 1480 mm.

** 2 sash window of 1600 x 2335 mm.; glass Ug: 0,8 W/m K

*** 2 sash window of 1230 x 1480 mm.; glass 6+6 Silence/16/4+4 Silence





STILO 50 RPT

Casement system of 43 mm frame with thermal break

Frame section size: **43 mm**

Sash section size: **50 mm**

Polyamide frame 14,8 mm strips PA66 with fiberglass

Polyamide sash 14,8 mm strips PA66 with fiberglass

Casement opening:

Weight per sash **120 Kg.**

Tilt and turn opening:

Weight per sash **130 Kg.**

Tilt and turn opening with hidden hinges:

Weight per sash: **150 Kg**

Maximum dimensions per sash for all opening:

1700 mm length and 2.500 mm height

Maximum glazing:

Frame **29 mm.**

Sash **36 mm.**

**Please, consult maximum dimensions and weight*

Technical Specifications

Air permeability * **CLASS 4**
UNE EN 1026 - EN 12207

Water tightness * **CLASS E1200**
UNE EN 1027 - EN 12208

Wind resistance * **CLASS C5**
UNE EN 12211 - EN 12210

Thermal transmission ** **1,4 W/(m² K)**

«Uw» Window
UNE ISO 10077-1

Thermal transmission **3,5 W/(m² K)**

«Uf» Frame
UNE EN ISO 10077-2:2020

Acoustic insulation *** **38 (-1; -4)dB**
UNE EN 10140-2:2011

* 2 sash window 1230 x 1480 mm.

** 2 sash window of 1480 x 2180 mm glass Uv: 0,7 W/m

*** 2 sash window of 1230 x 1480 mm glass Rw: 40 (-2;-6)dB

**** 2 sash window with d fix 2320 x 2200 mm.

UNE-EN ISO 10077-1:2010

UNE-EN ISO 10140-2:2011

