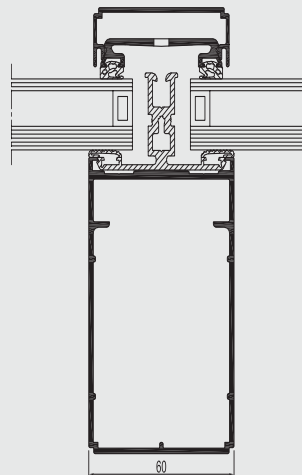
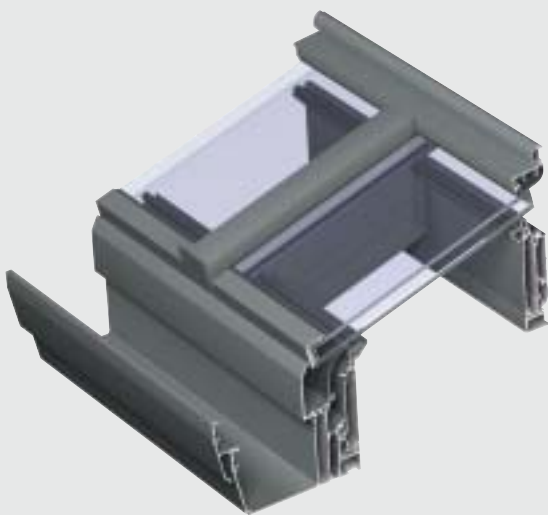




CR 120

Conservatories

R
REYNAERS
aluminium



CR 120 is a thermally insulated conservatory roof system. The tubular aluminium rafters create space for integration of cabling and light on the inside while the small cover plates on the outside create a slim design.

This system is compatible with all Reynaers window and door systems as well as sliding systems and offers the possibility to create a wide range of conservatory constructions and skylights.

Compatibility with motorised attic windows and roller shutters take care of a safe and comfortable environment.

TECHNICAL CHARACTERISTICS



FUNCTIONAL



RENAISSANCE



ORANGERY

Style variants	FUNCTIONAL	RENAISSANCE	ORANGERY
Min. visible width of rafter	60 mm		
System depth of rafter	70 mm / 100 mm		
Slope	5° - 45°		
Rooftop	90° - 170°		
Glass thickness	From 6 mm to 40 mm		
Glazing method	Dry glazing with EPDM or neutral silicones		
Thermal insulation	Omega-shaped fiberglass reinforced polyamide strips + synthetic profile		



PERFORMANCES

ENERGY

Thermal Insulation ⁽¹⁾
EN 10077-2

Specific test per profile combination
please contact your Reynaers Aluminium fabricator

COMFORT

Air tightness, max. test pressure ⁽²⁾
EN 1026; EN 12207

1 (150 Pa)	2 (300 Pa)	3 (600 Pa)	4 (600 Pa)
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Wind load resistance, max. test pressure ⁽³⁾, EN 12211; EN 12210

1 (400 Pa)	2 (800 Pa)	3 (1200 Pa)	4 (1600 Pa)	5 (2000 Pa)	Exxx (≥2000 Pa)
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This table shows possible classes and values of performances. The values indicated in blue are the ones relevant to this system.

(1) The Uf-value measures the heat flow. The lower the Uf-value, the better the thermal insulation of the frame.

(2) The air tightness test measures the volume of air that would pass through a closed window at a certain air pressure.

(3) The wind load resistance is a measure of the profile's structural strength and is tested by applying increasing levels of air pressure to simulate the wind force. There are up to five levels of wind resistance (1 to 5) and three deflection classes (A,B,C). The higher the number, the better the performance.