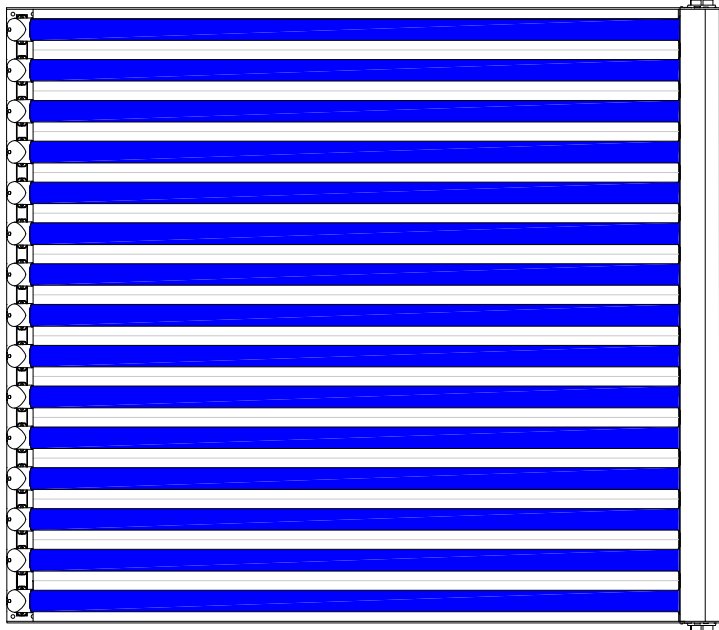


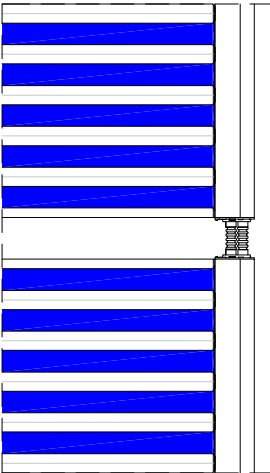
1656

Pleion X-RAY 15 R

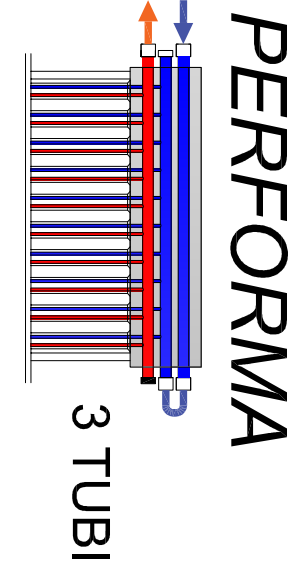
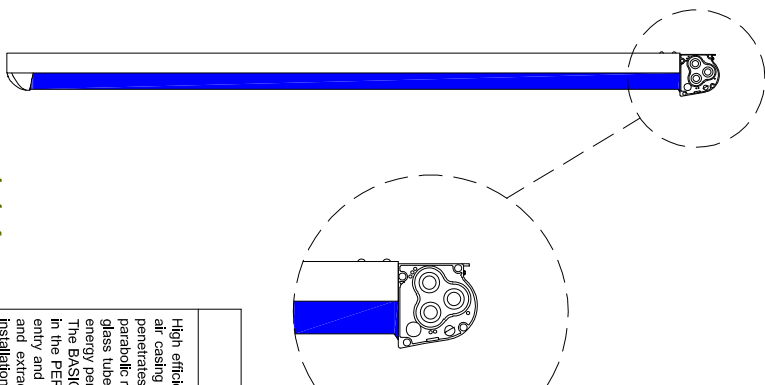
1921



60



114



DATA SHEET X-RAY 15 R

High efficiency vacuum solar collectors Pleion X-RAY R consisting of 58 mm diameter borosilicate double air casting vacuum tubes. Anodized aluminum framework for strength. Direct and diffused solar radiation penetrates the outside of the tubes and is captured in the absorber. The X-Ray 15 collector comes with a parabolic reflector which enhances the annual Energy performance. A special aluminum absorber inside the glass tube transfers the heat to the copper U tube inside the tubes. Strength, reduced overall dimensions, energy performance and exclusive design make it a quality benchmark for the solar thermal market. The BASIC version (standard) has 2 internal tubes that allow laying with opposite inlet and outlet. Available in the PERFORMA version (optional) with third tube integrated in the header of the collector which allows entry and exit on the same side, with in-line installation and parallel connection. This brings the exclusive and extraordinary advantage of not having to make the external return line and drastically reduces installation costs and time, ensures balanced plumbing systems and a clean stylish appearance. Pleion X-RAY R may be fixed to any kind of surface.

DIMENSIONS (length x width x height)		[mm]
GROSS SURFACE AREA		1921x1656x114
OPENING SURFACE		1921
ACTIVE ABSORPTION SURFACE 360 °		1921
EMPTY WEIGHT		3,85
LIQUID CONTENT		58,2
MAXIMUM WORKING PRESSURE		2,88
RECOMMENDED FLOW		10
PEAK POWER		1955
PERFORMANCE η_0		2,25
COEFFICIENT TRANSMISSION a1		61,5
COEFFICIENT TRANSMISSION a2		0,650
COEFFICIENT ABSORPTION		0,009
COEFFICIENT ISSUE		92
COEFFICIENT GLASS TRANSMISSION		92
CONNECTIONS		4 / 6 per 3/4"-M
MAXIMUM SEASONING TEMPERATURE		300
MINIMUM INCLINATION AND MAXIMUM COLLECTOR		1° - 75°
HEAD INSULATION THICKNESS		30
WURBURG VALUE 50 °		1975
IAM VALUE 50 °		1,05



Passion and Innovation make the difference

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OGGETTO : 21.12.23

Vacuum SOLAR collector X-RAY 15 R