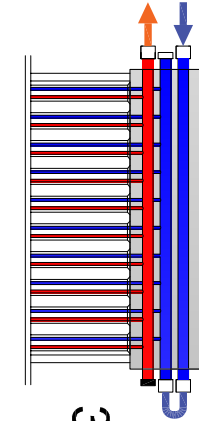
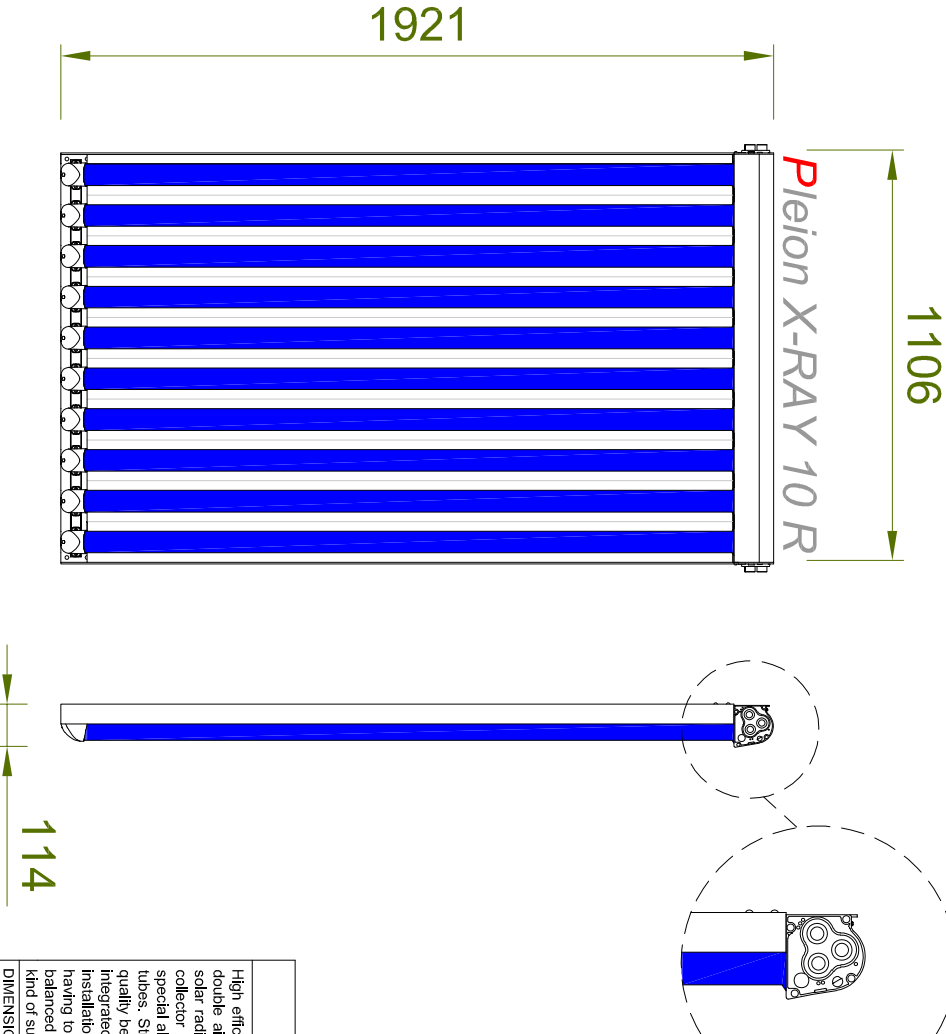


PERFORMA



3 TUBI



DATA SHEETX-RAY 10 R

High efficiency vacuum solar collectors Pleion X-RAY R consisting of 58 mm diameter borosilicate double air casing 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 10 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. Available in the PERFORMA version 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		1921x1106x114
OPENING SURFACE		1921
ACTIVE ABSORPTION SURFACE 360 °		191
EMPTY WEIGHT		2,67
LIQUID CONTENT		40,0
MAXIMUM WORKING PRESSURE		1,78
RECOMMENDED FLOW		10
PEAK POWER		1,5
PERFORMANCE η_0		1272
COEFFICIENT TRANSMISSION a1		60,0
COEFFICIENT TRANSMISSION a2		0,910
COEFFICIENT ABSORPTION		0,013
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 °		1234
IAM VALUE 50 °		1,05



This scheme is purely indicative and does not constitute a commitment or responsibility on the part of PLEION S.r.l. and its employees. The executive planning and the subsequent implementation must be carried out in strict compliance with the laws in force. PLEION S.r.l. reserves the property of this design with the prohibition to reproduce it or transfer it to third parties without written authorization.

OGGETTO : 21.12.23
Vacuum SOLAR collector X-RAY 10 R