

EGO PRIME 150

SOLAR COLLECTOR WITH NATURAL CIRCULATION **EGO PRIME** WITH INNOVATIVE AND PATENTED INTEGRATED ACCUMULATION FOR DIRECT WATER HEATING FOR HEALTH USE. THE SYSTEM HAS A STORAGE STAINLESS STEEL ACCUMULATION FOR MARINE APPLICATIONS, SUITABLE FOR THE STORAGE OF ANY DRINKING WATER, FORMED BY A SERIES OF TUBES OF 35 LITER CAPACITY, CONNECTED TO THEIR END BY MEANS OF COUPLING BETWEEN PLASTIC AND METAL CURVED CURVES, WHICH ENSURE THE PRESSURE HOLD UP TO 10 BAR. EQUIPPED WITH HYDRAULIC CONNECTIONS (SANITARY WATER) OF 3/4" WITH FLAT BATTENING, PREPARATION OF 1" 1/4 ATTACHMENTS FOR INSTALLATION OF THE THERMAL INTEGRATION RESISTANCE (HIGH PART) AND ELET. ANTI-FREEZE (LOW PART). EXTERNAL STRUCTURE IN ALUMINIUM RESISTANT TO HIGH TEMPERATURES. INTERNAL STRUCTURE GALVANIZED SHEET AND FRONTAL POLYCARBONATE LEXAN ANTIGRANDE COVER, SUPPORTED WITH HIGH THERMAL PROPERTIES. STANDARD BRACKETS FOR LAYING ON FLAT ROOF AND TILTED ROOF AND PRESSURE VALVE WITH ANTI-FLUSH COMBINED FUNCTION.

CAPACITY	[l]	140
DIMENSIONS: LENGTH	[mm]	2,055
WIDTH	[mm]	815
HEIGHT	[mm]	213
GROSS SURFACE AREA	[m²]	1,68
OPENING SURFACE	[m²]	1,48
ABSORPTION SURFACE	[m²]	1,13
EMPTY WEIGHT	[kg]	36
WEIGHT FOR OPERATION	[kg]	176
NUMBER OF INTERNAL TUBES	[#]	4 x 35 lt
MAXIMUM WATER INLET PRESSURE	[bar]	3
MAXIMUM EXERCISE PRESSURE	[kPa]	400
INSULATION BY BASE AND SIDE	[mm]	30 / 25
MAXIMUM TEMPERATURE	[°C]	90°C
ELECTRIC RESISTANCE INTEGRATION		
THERMAL (OPTIONAL):		
POWER	[kW]	1,0 / 2,0
VOLTAGE - FREQUENCY	[V - Hz]	220 - 50
SETTING	[°C]	+48 - +53
ANTI-FREEZE ELECTRIC RESISTANCE (OPTIONAL):		
VOLTAGE - FREQUENCY	[V - Hz]	220 - 50
SETTING	[°C]	+4 - +8
CONNECTION FITTINGS	[inch]	2 X 3/4" - M
TILT FIELD	[°]	15 - 60
NUMBER OF RECOMMENDED PERSONS	[#]	2-3
VALUE "Q" FROM THE STANDARD NORM to the requirement 140 lit/d	[MJ/en]	3168

VALUES ETA0, A1, A2: NOT CALCULATED AND NOT REQUIRED BY THE CERTIFICATION REGULATION OF THE SOLAR COLLECTOR, REFERENCE NORM "UNI EN 12976". FOR FURTHER INFORMATION PLEASE REFER TO THE PLEION TECHNICAL OFFICE

2055

213

815

DHW



DCW



Data plate

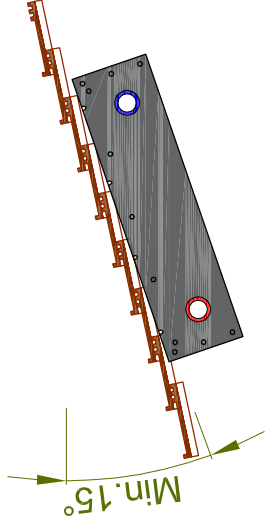
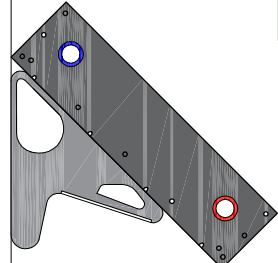
INSTALLATION
FLAT ROOF*

730

730

45°**

INSTALLATION
INCLINED ROOF *



* FOLDER FOR
INSTALLATION ON
FLAT ROOF AND
INCLINED ROOF
PRESENT IN THE
SOLAR COLLECTOR.

** STANDARD FIXED
INCLINATION. AVAILABLE ON
REQUEST 30 ° VERSION

LEGEND:



SAFETY VALVE AND NOT RETURN



BREAK-VACUUM VALVE



COLD SANITARY WATER PIPES IN
METAL OR PLASTIC MATERIAL
RECOMMENDED DIAMETER 3/4 "



SANITARY HOT WATER
PIPES IN ONLY METAL METALLIC MATERIAL
RECOMMENDED DIAMETER 3/4 "

ACS

PLEION
Passion and Innovation make the difference

Questo sistema è progettato e realizzato in Italia. È un prodotto di alta qualità, studiato e sviluppato in base alle esigenze del mercato italiano e europeo. Pleion è un marchio registrato e il suo utilizzo è vietato senza permesso scritto dalla Pleion s.p.a.

OGGETTO :
COLLECTOR EGO PRIME 150

RIFERIMENTO :

SCHEMA :
scheda tecnica

DATA :
01.06.18

DISEGNATO :
E.L.

CONTROLLATO :