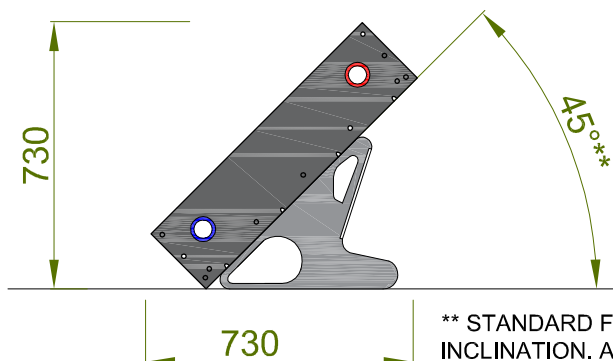
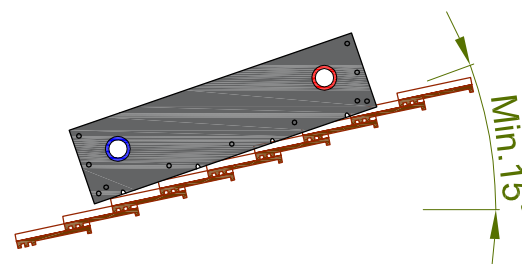


### INSTALLATION FLAT ROOF\*



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

### INSTALLATION INCLINED ROOF \*



## 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. ANTIFREEZE (LOW PART), EXTERNAL STRUCTURE IN ALUMINUM RESISTANT TO HIGH TEMPERATURES, INTERNAL STRUCTURE, GALVANIZED SHEET AND FRONTAL POLYCARBONATE LEXAN ANTIGRANDINE 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    |
| ANTIFREEZE ELECTRIC RESISTANCE (OPTIONAL):                    | POWER               | [W] 300           |
|   | 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 "QI" FROM THE STANDARD NORM to the requirement 140 lt/d | [MJ/an]             | 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

### 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 "

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



OGGETTO :  
COLLECTOR EGO PRIME 150

SCHEMA :  
scheda tecnica

DATA :  
01.06.18

DISEGNATO :  
E.L

CONTROLLATO :

Questo schema è puramente indicativo e non costituisce  
impegno o responsabilità alcuna da parte di PLEION e del  
suo collaboratore.  
La progettazione esecutiva e la conseguente messa in  
opera dovranno essere realizzate nel rigoroso rispetto  
delle norme vigenti di legge.  
PLEION si riserva la proprietà di questo disegno con la  
preclusione di riprodurlo o trasferirlo a terzi senza  
autorizzazione scritta.

RIFERIMENTO :