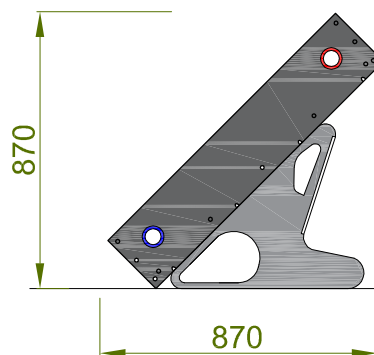
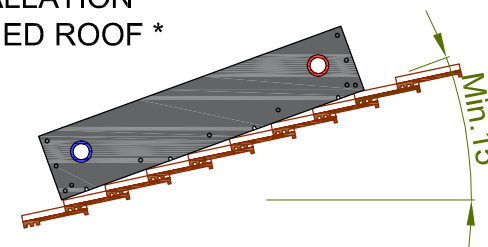


### INSTALLATION FLAT ROOF\*



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

### INSTALLATION INCLINED ROOF \*



## EGO PRIME 180

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]	175
DIMENSIONS: LENGTH	[mm]	2,055
WIDTH	[mm]	1,010
HEIGHT	[mm]	213
GROSS SURFACE AREA	[m²]	2,08
OPENING SURFACE	[m²]	1,86
ABSORPTION SURFACE	[m²]	1,41
EMPTY WEIGHT	[kg]	43
WEIGHT FOR OPERATION	[kg]	218
NUMBER OF INTERNAL TUBES	[-]	5 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	[-]	3-4
VALUE "QI" FROM THE STANDARD NORM to the requirement 170 lt/d	[M³/an]	3926

### 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.

<b>PLEION</b> <small>Passion and Innovation make the difference.</small>			
<small>Questo schema è puramente indicativo e non costituisce impegno o responsabilità alcuna da parte di Pleion e dei suoi collaboratori. La responsabilità assicurata o la consegna materiale opera dovranno essere realizzate nel rispetto delle norme vigenti e delle norme di legge. Pleion si riserva la proprietà di questo disegno con la sottoscrizione di questo o in seguito a sua versione sostitutiva scritta.</small>			
OGGETTO : COLLECTOR EGO PRIME 180		RIFERIMENTO :	
SCHEMA : scheda tecnica	DATA : 01.06.18	DISEGNATO : E.L.	CONTROLLATO :
REVISIONE :			

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 FLEION TECHNICAL OFFICE