



BLOCO SOLAR ULTRA | ULTRA PLUS

HEATING | DOMESTIC HOT WATER

ECONOMY | COMFORT | ECOLOGY



SOLAR PERFORMANCE



SIMPLE INSTALLATION
"PLUG AND USE"



INDOOR UNIT
REQUIRES
SMALL SPACE (<1M²)



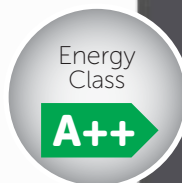
INTEGRATED DHW CYLINDER
(SOLAR BLOCK ULTRA PLUS)
OF 200 LITERS IN
AISI 316L STAINLESS STEEL



DHW PRODUCTION UP TO 70°C
IN HEAT PUMP MODE
THROUGH HEAT RECOVERY



MAXIMUM DISTANCE BETWEEN
INTERIOR UNIT AND
OUTSIDE UP TO 20M



DC INVERTER
TECHNOLOGY

CAREL
DISPLAY

SOFT
START

HYDRAULIC
KIT
INCLUDED

WORKS
DOWN TO
-15°C

A NEW CONCEPT OF SOLAR HEAT PUMP

The ULTRA SOLAR BLOCK is an all-in-one solution. A Thermodynamic Solar Heat Pump built to the highest standards of quality with outstanding performance. With a compact design, it performs Central Heating and produces Domestic Hot Water, using the latest DC Inverter technology. ErP Ready.

TECHNICAL FEATURES

INSIDE UNIT			ULTRA 6	ULTRA PLUS 6	ULTRA 12	ULTRA PLUS 12	ULTRA 16	ULTRA PLUS 16	ULTRA 32
Heating Capacity ⁽¹⁾	Power supplied	kW	4,1 - 11,2		5 - 19		8 - 26		18,5 - 48,2
	Maximum power supplied	kW	11,2		18,70		25,8		48,2
Heating Capacity ⁽²⁾	Nominal power supplied	kW	8,5		10,30		16,2		39,6
	Nominal consumption	kW	1,7		2,15		3,45		8,1
	COP	kW	4,97		4,80		4,7		4,91
Heating Energy Class						A++			
Dimensions	HxWxD	cm	106X60X80	195x60x80	106X60X80	195x60x80	106X60X80	195x60x80	106X60X80
Weight		Kg	115	208	115	230	115	243	135
Maximum temperature		°C				55 60			
Hydraulic Connections	Inlet/Outlet					1" M			
DHW ⁽³⁾	Tank	L	-	200	-	200	-	200	-
	Material		-	INOX AISI 316L	-	INOX AISI 316L	-	INOX AISI 316L	-
	Temp. max. (compressor only)	°C	-	60	-	60	-	60	-
	Electrical backup	W	-	1500	-	1500	-	1500	-
	Water connections	Cold / Hot	-	3/4" M	-	3/4" M	-	3/4" M	-
	COP DHW ⁽³⁾		-	3,27	-	3,27	-	3,27	-
	Tapping profile		-	L	-	L	-	L	-
	Efficiency	%	-	138	-	138	-	138	-
	Energy Class DHW		-	A+	-	A+	-	A+	-
	Refrigerant	Type					R410A		
Connections		Liquid				1/2"			
		Steam				3/4"			
Sound pressure	(distance 10m)	dBA				65			
Electrical Supply	Type		230V	400V		230V or 400 V			400 V
	Electric cable	230V	mm ²			3G6			
		400V	mm ²			5G4			
	Protection Circuit Breaker	230V					46A		
		400V					32A		

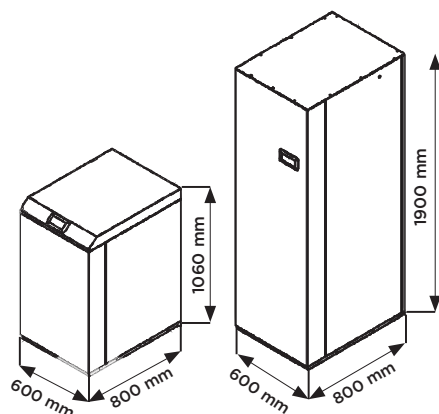
OUTSIDE UNIT - SOLAR PANELS						
Number			6	12	16	32
Dimensions	HxWxD	mm			2000x800x20	
Weight		Kg			8	
Type					Passive Solar Evaporator	
Material					Anodized Aluminum	

CONNECTION BETWEEN UNITS		
Maximum nominal distance	m	20
Maximum Drop	m	15

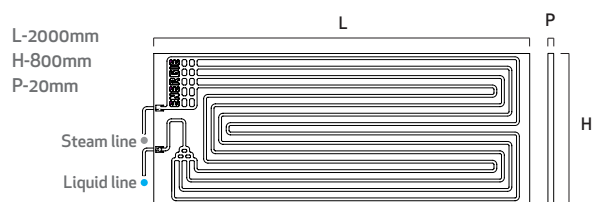
⁽¹⁾ According to EN14511; Air temperature DB/WB 14°C/13°C; Water temperature inlet/outlet 30°C/35°C; Solar radiation 800w/m² | ⁽²⁾ According to EN14511; Air temperature DB/WB 7°C/6°C; Water temperature inlet/outlet 30°C/35°C; Solar radiation 400w/m² | ⁽³⁾ According to EN 16147, A 14 / W 10-54
 Hydraulic Kit for Central Heating: Expansion vessel + safety valve | Hydraulic Kit for DHW: Expansion vessel + safety group + pressure reducing valve

TECHNICAL DRAWING

INSIDE UNIT



SOLAR PANELS



X6 | X12 | x16 | X32



More detailed information on energie.pt



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