



ENERGY SYSTEMS

Solarico®

Innovative
Composite
New Generation

UniQube Heat Pump⁺

Solar Storage Tank
Domestic Water Heater
Stratified Separator Storage Tank





C.O.P. 4.5

A DHW
HEATING
ENERGY
CLASS

30 YEAR
WARRANTY
ON HOT
WATER TANK

WEATHER
COMPENSATION
HEATING
CONTROL

Solarico
HEATING
CONTROLLER

CONTROL OF
SOLAR HEATING
RADIATOR HEATING
FLOOR HEATING

ANKI

Reversible inverter heat pump Air/Water outdoor installation
Inverter compressor , plate exchanger and axial fan
Cooling capacity 5,8 - 18,6 kW
Heating capacity 6,08 - 20,2 kW

HFC
Refrigerant

R410A



Variable MultiFlow

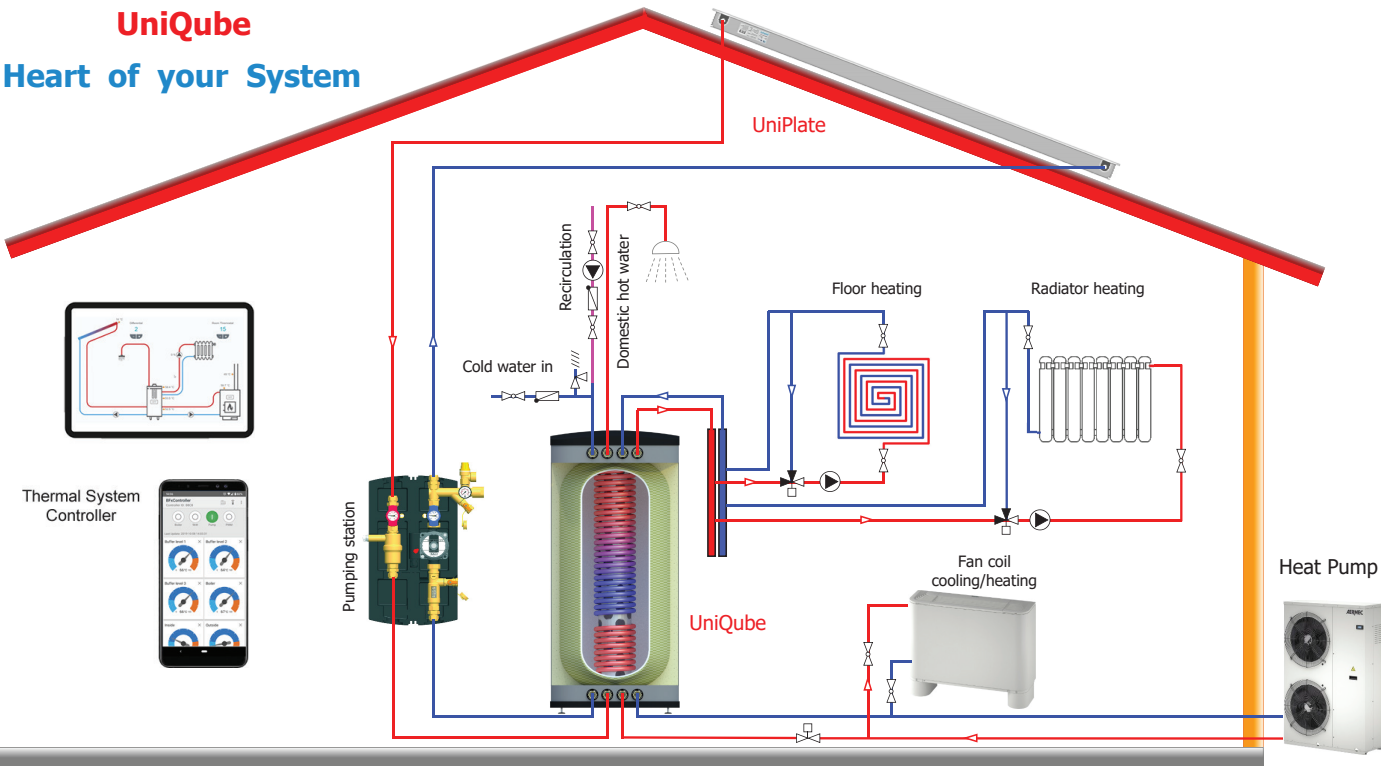
VMF



PRODUCTION OF HOT WATER UP TO 60 °C
PRODUCTION OF HOT DOMESTIC WATER WITH
EXTERNAL TEMPERATURES FROM -20 °C UP TO 42 °C

UNIQUBE SQ-BPSW 440 HEAT PUMP+									
UNIQUBE SQ-BPSW 310 HEAT PUMP+									
AERMEC ANK I - HX				020	025	040	045	070	075 080
V/ph/Hz				230V~50Hz				400V/3/50HZ	
12 °C/7 °C	Cooling capacity	(1)	kW	6,00	7,49	9,59	12	14	16,7 18,9
	Total input power	(1)	kW	1,89	2,52	3,04	4,09	4,65	5,99 7,47
	EER	(1)		3,18	2,97	3,16	2,93	3,01	2,79 2,53
	ESEER	(1)		4,89	5,01	4,78	4,79	4,65	4,65 4,59
	Water flow rate	(1)	l/h	1026	1258	1622	2017	2375	2845 3222
	High static pressure	(1)	kPa	74	68	76	61	81	61 4
40 °C/45 °C	Heating capacity	(2)	kW	6,08	7,61	9,16	12,11	15,1	17,5 20,05
	Total input power	(2)	kW	1,86	2,36	2,95	3,98	4,7	5,92 7,14
	COP	(2)		3,28	3,23	3,1	3,04	3,21	2,96 2,81
	Water flow rate	(2)	l/h	1062	1351	1646	2124	2633	3041 3471
	High static pressure	(2)	kPa	76	69	77	60	70	50 27
Performance under average climatic conditions (Average) UE n°811/2013 Pdesignh ≤ 70kW									
Pdesignh	(3)			6	7	9	12	14	16 19
SCOP	(3)			3,83	3,83	3,6	3,35	3,6	3,43 3,4
ηS	(3)			150	150	141	131	141	134 133
Efficiency Energy Class				A+	A+	A+	A+	A+	A+ A+
Cooling mode for low temperature									
ηSC				161,7	167	172,3	171,9	148	149,4 147,8
SEER				4,12	4,25	4,38	4,37	3,78	3,81 3,77

Combination of choices for optimum use of the different energy sources



UniQube Heart of your system



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