

## General Information

- Works silently
- Efficiency and applicability combined
- It can produce cold water up to 7 °C.
- Easy assembly with monoblock (single body) structure
- Compact, durable, efficient and low energy cost

## Common Uses

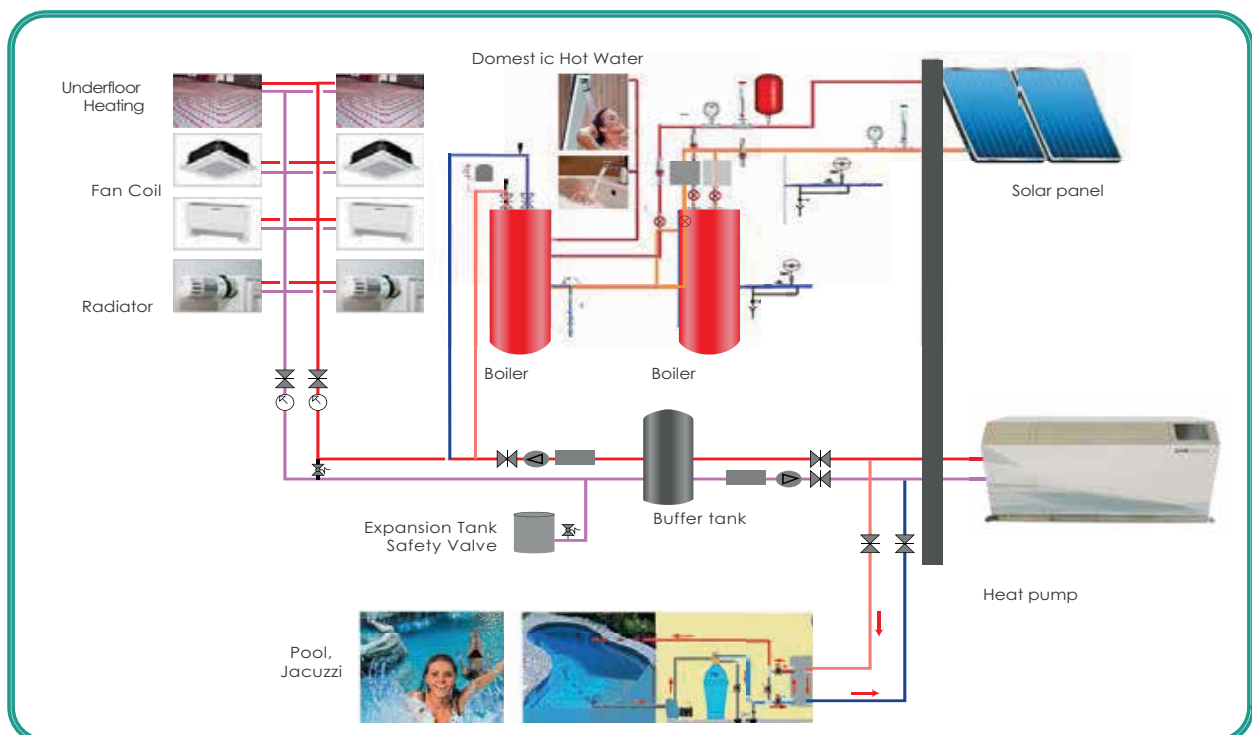
- House
- Hotel
- Factory
- Coop
- Medical Center
- Greenhouse
- Sludge Drying Areas

## Optional

- It performs dehumidification, heating and cooling in air handling units simultaneously and in a single device.
- Thanks to its economizer, it provides 30% additional savings.
- It provides free hot water in summer with its heat recovery feature.
- Cascading feature
- Optionally, 80°C hot water can be produced.



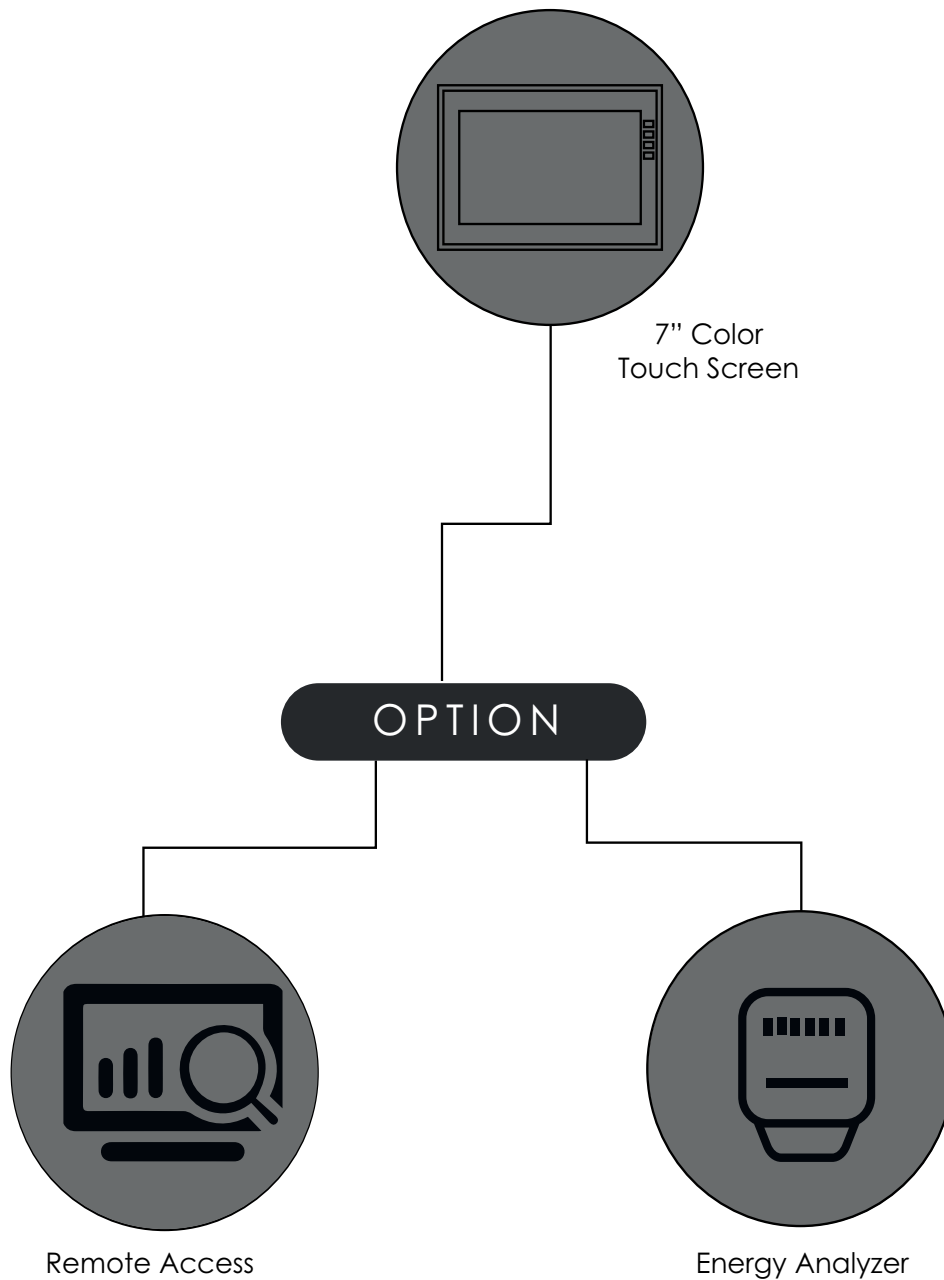
## GENERAL HEAT PUMP USAGE METHODS



## WATER SOURCE HEAT PUMP PRODUCT SPECIFICATIONS



# OPTIONAL PRODUCTS



Model		W/W 17	W/W 28	W/W 34	W/W 60	W/W 90	W/W 130	W/W 190	W/W 240	W/W 280	W/W 350
Power Supply	V/ph/Hz	380/3/50									
<b>Performance (Heating)</b>											
Heating Capacity <sup>1</sup>	kW	17,2	27,43	35,91	62,5	86,5	131,88	190,5	240,85	281	352,5
Power Consumption	kW	3,5	5,5	7,2	12,3	16,9	27,3	38,2	47,1	55	67
COP		4,99	4,99	4,99	5,07	5,12	4,83	4,99	5,11	5,11	5,26
Capacity Control		On/Off						4 Level (%25 - %50 - %75 - %100)			
Minimum Capacity	%	100	100	100	50	50	50	25	25	25	25
<b>Performance (Cooling)</b>											
Cooling Capacity	kW	14	22,1	29,1	50,5	70,9	106,8	154,7	196	230	289
Power Consumption	kW	2,8	4,4	6	9,9	13,2	22,1	32,1	40	46	56,2
EER		5	5,02	4,85	5,1	5,37	4,83	4,82	4,9	5	5,14
<b>Refrigerant</b>											
Fluid		R134A									
Circuit	N°	1			2			1			
<b>Compressor</b>											
Compressor Type		Scroll						Screw			
Compressor Number	N°	1			2			1			
<b>Water Circuit</b>											
Water Flow	m <sup>3</sup> /h	2,96	4,72	6,18	10,75	14,88	22,7	32,77	41,43	48,33	60,63
Pipe diameter	inç	1 1/4"	1 1/2"	1 1/2"	2"	3"	3"	3"	4"	5"	5"
<b>Noise Level</b>											
Sound power	dBA	66	66	67	68	69	71	77	77	79	81
<b>Weight and Size</b>											
Weight	kg	220	250	300	500	550	600	1000	1050	1100	1200
Width	mm	1300	1300	1300	1550	1550	1550	2000	2000	2000	2000
Depth	mm	550	900	900	1200	1200	1200	2250	2250	2250	2250
Height	mm	1200						2500			

## W/W SERIES

Model		W/W 450	W/W 500	W/W 650	W/W 900	W/W 1000	W/W 1200	W/W 1450	W/W 1670	W/W 1800	W/W 2000
Power Supply	V/ph/Hz	380/3/50									
<b>Performance (Heating)</b>											
Heating Capacity <sup>1</sup>	kW	450	499	652	900	998	1188	1450	1668	1818	2050
Power Consumption	kW	85,2	95	123	170,5	190	225	275	308	329	369
COP		5,28	5,25	5,30	5,28	5,25	5,28	5,27	5,42	5,53	5,56
Capacity Control		4 level (%25 - %50 - %75 - %100)									
Minimum Capacity	%	12,5	12,5	12,5	12,5	12,5	12,5	12,5	12,5	12,5	12,5
<b>Performance (Cooling)</b>											
Cooling Capacity	kW	370	410	538	740	820	980	1198	1378	1504	1700
Power Consumption	kW	71,7	79	103	143,4	158	188	225	255	275	299
EER		5,16	5,19	5,22	5,16	5,19	5,21	5,32	5,4	5,47	5,69
<b>Refrigerant</b>											
Fluid		R134A									
Circuit	N°	2									
<b>Compressor</b>											
Compressor Type		Screw									
Compressor Number	N°	2									
<b>Water Circuit</b>											
Water Flow	m <sup>3</sup> /h	77,4	85,8	112,14	154,8	171,66	204,34	249,4	286,9	312,7	352,6
Pipe diameter	inç	5"	5"	5"	5"	6"	6"	6"	6"	6"	6"
<b>Noise Level</b>											
Sound power	dB(A)	83	85	79	81	83	81	83	85	79	81
<b>Weight and Size</b>											
Weight	kg	1500	1550	1600	2000	2100	2200	2300	2400	3000	3100
Width	mm	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500
Depth	mm	2250	2250	2250	4500	4500	5000	5000	5000	5500	5500
Height	mm	2500									