



Unit description

Climaveneta HPWI C-DC E '05 range offers a multi-split system with DC Inverter technology and ecological gas R410a, with various output from 7000 to 32000 BTU/h. This particular range allows a single outdoor condenser to be connected to 3 indoor units, which may be chosen from among 4 different powers. Thanks to the DC Inverter technology, high efficiency and limited power consumption are guaranteed.

Available model

HPWI C DC E:
Multisplit inverter DC.

Standard Unit Composition

- Inverter DC function.
- High efficiency system (A class).
- External unit cabinet in galvanised powder coated steel for maximum resistance to rust.
- Best conditions of health and comfort thanks to a triple filtering system comprising an anti-bacterial filter and an activated carbon filter for dust and micro-particles.
- Indoor unit with high mechanical characteristics and resistance to ageing.
- All functions controlled by the LCD remote control unit:
 - Three fan speeds + Auto + Silent.
 - Sleep function.
 - 24 h timer.
 - Power failure protection RAM memory.
 - Natural Breeze function (vertical specialy air flow direction).
 - Remote controller holder.
 - Instant cold / heat function
 - Condensing control for lower noise levels.
 - No power consumption in Standby mode.

HPWI C DC E

Technical data and dimensions

HPWI C DC E

Models		20E	25E	35E	50E
Cooling performance (1)					
Cooling capacity (1)	BTU/h	7.000	9.000	12.000	18.000
Cooling capacity (1)	kW	2,05	2,64	3,52	5,27
Setting temperature range (1)	°C	18÷30	18÷30	18÷30	18÷30
Heating performance (2)					
Heating capacity (2)	BTU/h	8.000	10.000	13.200	19.800
Heating capacity (2)	kW	2,34	2,93	3,87	5,80
Dehumidifier (2)	l/h	0,9	1,1	1,2	2,3
Setting temperature range (2)	°C	16÷30	16÷30	16÷30	16÷30
Indoor Unit					
Air flow Max (3)	m ³ /h	330	492	540	780
Sound Level Min (3)	dB(A)	28	31	34	35
Sound Level Max (3)	dB(A)	34	35	38	42
Discharge connections	inches	1/4"	1/4"	1/4"	1/4"
Suction connections	inches	3/8"	3/8"	3/8"	1/2"
Refrigerant		R410a	R410a	R410a	R410a
Electrical power supply	V/Ph/Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz

Note

Data measured under the following conditions:

- 1 Operation in cooling mode: Indoor air temperature 27°C d.b., relative humidity 47% and external air temperature 35°C d.b.
- 2 Operation with heat pump: Indoor air temperature 20°C d.b., external air temperature 7°C d.b. and relative humidity 85%
- 3 Sound pressure measured at 1 m in open field conditions

Dimensions

mod.		20E	25E	35E	50E
Indoor Unit					
L	mm	824	900	900	1090
H	mm	260	255	255	314
P	mm	155	156	156	172
Net weight	kg	7	9	9	12
Outdoor Unit					
L	mm	370	870	870	870
H	mm	655	655	655	655
P	mm	320	320	320	320
Net weight	kg	57	52	52	69



SINGLE SPLIT



DUAL SPLIT



TRIAL SPLIT



Multisplit inverter

HPI C-DC 2041E	Combination of Indoor Unit(kBtu/h)			Cooling														
				Each Capacity (Btu/h)		Total Capacity						Current (A)			Input (W)			
						Min		Rating		Max								
UNIT-A	UNIT-B	Total	UNIT-A	UNIT-B	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max	Min	Rating	Max
1 Unit	* 7	-	7	7000	-	4600	1,50	7000	2,10	8400	2,50	1,60	2,80	3,40	380	630	757	
	* 9	-	9	9000	-	5400	1,70	9000	2,60	10800	3,20	2,30	3,80	4,60	514	840	1028	
	* 12	-	12	12000	-	7200	2,10	12000	3,50	14400	4,20	3,10	5,20	6,20	703	1150	1406	
2 Unit	* 7	7	14	7000	7000	8400	2,50	14000	4,10	15500	4,50	3,50	5,80	6,50	784	1250	1450	
	* 7	9	16	6125	7875	8400	2,50	14000	4,10	15800	4,60	3,50	5,80	6,30	784	1200	1420	
	* 9	9	18	7000	7000	8400	2,50	14000	4,10	16000	4,70	3,50	5,80	6,30	784	1200	1420	
	* 7	12	19	5158	8842	8400	2,50	14000	4,10	16000	4,70	3,50	5,80	6,30	784	1200	1420	
	* 9	12	21	6000	8000	8400	2,50	14000	4,10	16000	4,70	3,50	5,80	6,30	784	1200	1420	

HPI C-DC 2041E	Combination of Indoor Unit(kBtu/h)			Heating														
				Each Capacity (Btu/h)		Total Capacity						Current (A)			Input (W)			
						Min		Rating		Max								
UNIT-A	UNIT-B	Total	UNIT-A	UNIT-B	Btu/h	kW	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max	Min	Rating	Max
1 Unit	* 7	-	7	8400	-	5300	1,50	8400	2,50	9660	2,80	2,00	3,40	3,90	450	750	881	
	* 9	-	9	10800	-	6480	1,70	10800	3,20	12420	3,60	2,40	4,00	4,60	541	870	1037	
	* 12	-	12	13200	-	7920	2,30	13200	3,90	15180	4,40	3,40	5,60	5,80	757	1300	1350	
2 Unit	* 7	7	14	8000	8000	9600	2,80	16000	4,70	17400	5,10	3,30	5,50	5,70	744	1250	1300	
	* 7	9	16	7000	9000	9600	2,80	16000	4,70	17500	5,10	3,20	5,40	5,60	730	1200	1262	
	* 9	9	18	8000	8000	9600	2,80	16000	4,70	17800	5,20	3,20	5,40	5,60	730	1200	1262	
	* 7	12	19	5895	10105	9600	2,80	16000	4,70	17600	5,20	3,20	5,40	5,60	730	1200	1262	
	* 9	12	21	6857	9143	9600	2,80	16000	4,70	18000	5,30	3,20	5,40	5,60	730	1200	1262	

Note

Data measured under the following conditions:

Operation in cooling mode: Indoor air temperature 27°C d.b., relative humidity 47% and external air temperature 35°C d.b.

Operation with heat pump: Indoor air temperature 20°C d.b., external air temperature 7°C d.b. and relative humidity 85%

Sound pressure measured at 1 m in open field conditions

Technical data refer to the rule prEN14511 at the date of the catalogue



ATTENTION

- The simultaneously functioning is guaranteed only with the combination listed here.

* Recommended combinations

Multisplit inverter

HPI C-DC 3060E	Combination of indoor unit (kBtu/h)				Cooling														
					Each Capacity (Btu/h)			Total Capacity				Current (A)			Input (W)				
								Min	Rating		Max	Min	Rating	Max	Min	Rating	Max		
UNIT-A	UNIT-B	UNIT-C	Total	UNIT-A	UNIT-B	UNIT-C	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max	Min	Rating	Max	
1 Unit	* 7	-	-	7	7000	-	-	4600	1,30	7000	2,10	8400	2,50	2,30	3,00	3,80	480	690	866
	* 9	-	-	9	9000	-	-	5400	1,60	9000	2,60	10800	3,20	2,80	3,80	4,80	541	847	1082
	* 12	-	-	12	12000	-	-	7200	2,10	12000	3,50	14400	4,20	3,50	5,00	6,50	690	1149	1465
2 Unit	* 7	7	-	14	7000	7000	-	8400	2,50	14000	4,10	16800	4,90	3,50	5,90	7,40	811	1333	1668
	* 7	9	-	16	7000	9000	-	9600	2,80	16000	4,70	19200	5,60	4,00	6,70	8,80	906	1516	1984
	* 9	9	-	18	9000	9000	-	10800	3,20	18000	5,30	21600	6,30	4,10	7,50	10,6	924	1685	2370
	* 7	12	-	19	6632	11368	-	10800	3,20	18000	5,30	21600	6,30	4,10	7,50	10,6	924	1685	2370
	* 9	12	-	21	7714	10286	-	10800	3,20	18000	5,30	21600	6,30	4,10	7,50	10,6	924	1685	2370
	* 12	12	-	24	9000	9000	-	10800	3,20	18000	5,30	21600	6,30	4,10	7,50	10,6	924	1685	2370
3 Unit	* 7	7	7	21	6000	6000	6000	10800	3,20	18000	5,30	21600	6,30	4,20	7,00	10,4	947	1580	2350
	* 7	7	9	23	5478	5478	7043	10800	3,20	18000	5,30	21600	6,30	4,20	7,00	10,4	947	1580	2350
	* 7	9	9	25	5040	6480	6480	10800	3,20	18000	5,30	21600	6,30	4,20	7,00	10,4	947	1580	2350
	* 7	7	12	26	4846	4846	8308	10800	3,20	18000	5,30	21600	6,30	4,20	7,00	10,4	947	1580	2350
	* 9	9	9	27	6000	6000	6000	10800	3,20	18000	5,30	21600	6,30	4,20	7,00	10,4	947	1580	2350
	* 7	9	12	28	4500	5786	7714	10800	3,20	18000	5,30	21600	6,30	4,20	7,00	10,4	947	1580	2350
	* 9	9	12	30	5400	5400	7200	10800	3,20	18000	5,30	21600	6,30	4,20	7,00	10,4	947	1580	2350

HPI C-DC 3060E	Combination of indoor unit (kBtu/h)				Heating														
					Each Capacity (Btu/h)			Total Capacity				Current (A)			Input (W)				
								Min	Rating		Max	Min	Rating	Max	Min	Rating	Max		
UNIT-A	UNIT-B	UNIT-C	Total	UNIT-A	UNIT-B	UNIT-C	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Rating	Max	Min	Rating	Max	
1 Unit	* 7	-	-	7	8000	-	-	4800	1,40	8400	2,50	9660	2,80	2,60	5,20	6,20	586	1150	1406
	* 9	-	-	9	10800	-	-	6480	1,90	10800	3,20	12420	3,60	3,40	5,70	6,80	771	1265	1542
	* 12	-	-	12	13200	-	-	7920	2,30	13200	3,90	15180	4,40	3,80	6,40	7,70	866	1437	1731
2 Unit	* 7	7	-	14	8400	8400	-	10080	3,00	16800	4,90	19320	5,70	4,00	6,90	8,30	933	1551	1866
	* 7	9	-	16	8400	10800	-	11520	3,40	19200	5,60	22080	6,50	4,40	7,40	9,00	1001	1666	2029
	* 9	9	-	18	10800	10800	-	12960	3,80	21600	6,30	24840	7,30	5,10	8,50	10,6	1150	1884	2370
	* 7	12	-	19	9757	13643	-	12960	3,80	21600	6,30	24840	7,30	5,10	8,50	10,6	1150	1884	2370
	* 9	12	-	21	9256	12343	-	12960	3,80	21600	6,30	24840	7,30	5,10	8,50	10,6	1150	1884	2370
	* 12	12	-	24	10800	10800	-	12960	3,80	21600	6,30	24840	7,30	5,10	8,50	10,5	1150	1884	2370
3 Unit	* 7	7	7	21	7200	7200	7200	12960	3,80	21600	6,30	24840	7,30	4,90	8,10	10,3	1095	1800	2320
	* 7	7	9	23	6574	6574	8452	12960	3,80	21600	6,30	24840	7,30	4,90	8,10	10,3	1095	1800	2320
	* 7	9	9	25	6048	7776	7776	12960	3,80	21600	6,30	24840	7,30	4,90	8,10	10,3	1095	1800	2320
	* 7	7	12	26	5815	5815	9969	12960	3,80	21600	6,30	24840	7,30	4,90	8,10	10,3	1095	1800	2320
	* 9	9	9	27	7200	7200	7200	12960	3,80	21600	6,30	24840	7,30	4,90	8,10	10,3	1095	1800	2320
	* 7	9	12	28	5400	6943	9257	12960	3,80	21600	6,30	24840	7,30	4,90	8,10	10,3	1095	1800	2320
	* 9	9	12	30	6480	6480	8640	12960	3,80	21600	6,30	24840	7,30	4,90	8,10	10,3	1095	1800	2320

Note

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Operation in cooling mode: Indoor air temperature 27°C d.b., relative humidity 47% and external air temperature 35°C d.b.

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