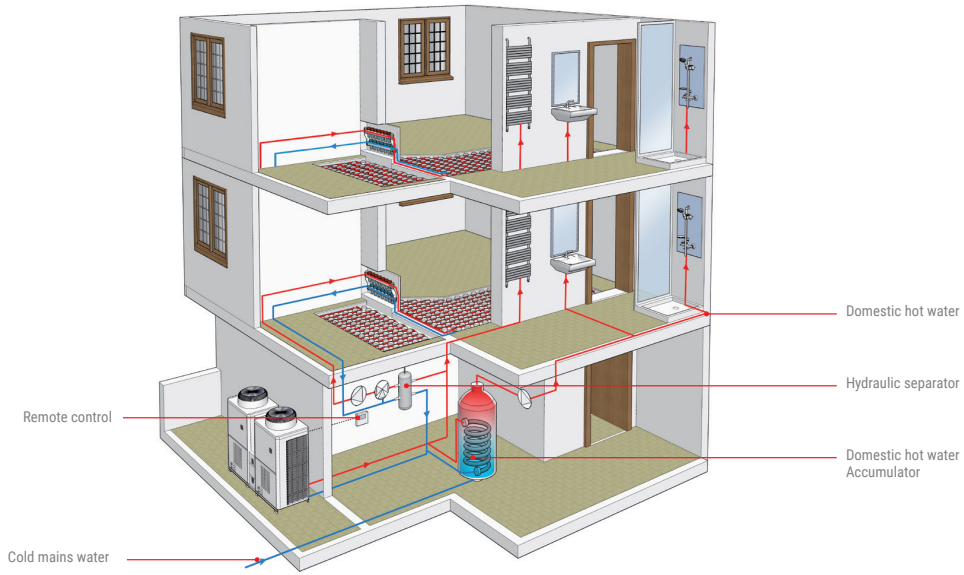




SCHEMATIC: ECODAN® PACKAGED HWHP CAHV (LOW AND HIGH TEMPERATURE HEATING + DHW)



Technical specifications DOMESTIC HOT WATER

MODELLO		CAHV-P500YA-HPB (-BS)	
Power			A 3-phase e 4 cables 380-400-415V 50/60Hz
Nominal heating nominal*1	Power absorption	kW	45
	Current consumption	A	21.78-20.69-19.94
	COP		3.49
Nominal heating nominal*2	Power absorption	kW	45
	Current consumption	A	10.9
	COP		10.6
			4.13
Nominal heating nominale*3	Power absorption	kW	45
	Current consumption	A	25.6
	COP		43.17-41.01-39.53
			1.76
Temperature range	Delivery water temperature		25 ~ 70°C
	Outdoor air temperature	°CBS	-20 ~ 40°C
Water pressure loss			12.9kPa
Volume of water in circuit			7.5 m3/h - 15.0 m3/h
Water piping diameters	Return	mm	38.1 (Rc 1 1/2") threaded
	Delivery	mm	38.1 (Rc 1 1/2") threadedx
Sound pressure *1 a 1 m		dBA	59
Sound pressure *1 a 10 m		dBA	51
External dimensions	HxLxP	mm	1710 x 1978 x 759
Dry weight		kg	526
R407C refrigerant charge quantity		kg	5.5 x 2

Note:
 *1 Nominal heating conditions: outdoor temperature 7°C DB/6°C WB; delivery water temperature 45°C; return water temperature 40°C.
 *2 Nominal heating conditions: outdoor temperature 7°C DB/6°C WB; delivery water temperature 35°C; return water temperature 30°C.
 *3 Nominal heating conditions: outdoor temperature 7°C DB/6°C WB; delivery water temperature 70°C.
 * The water circuit must be a closed circuit.
 * Install the unit in a location where the outdoor wet bulb temperature does not exceed 32°C.