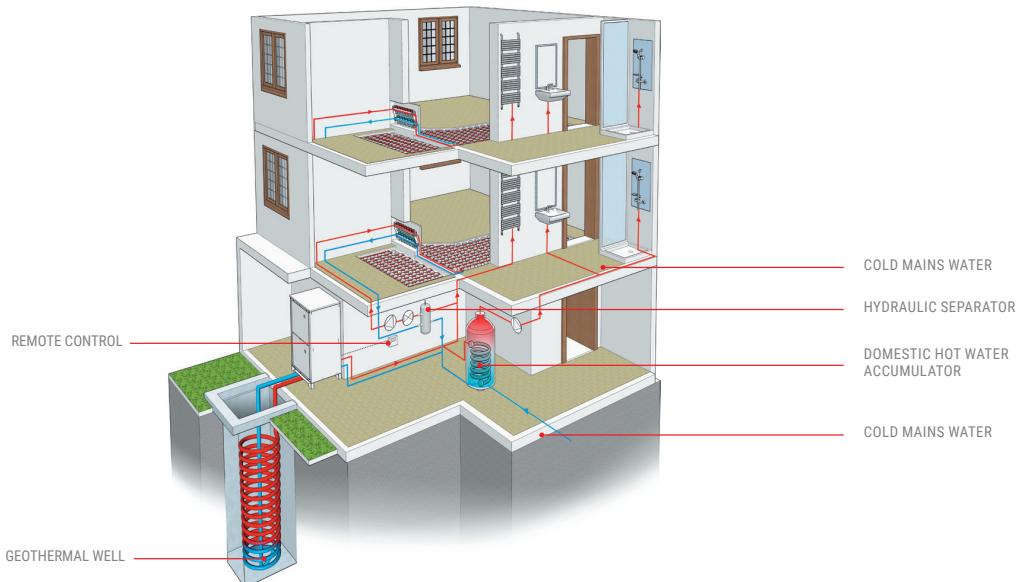


SCHEMATIC: ECODAN® PACKAGED HWHP CRHV (LOW AND HIGH TEMPERATURE HEATING + DHW)



Technical specifications DOMESTIC HOT WATER

MODELLO	CRHV-P600YA-HPB	
Power		A 3-phase and 4 cables 380-400-415V 50/60Hz
SCOP (power 60 kW) EN14825 Ave. climate conditions		
Heat source water/glycol 0/-3°C, Hot water 30/35°C		4.33
Heat source water/glycol 0/-3°C, Hot water 47/55°C		2.86
Nominal heating capacity 1 *1		
Power absorption	kW	60
Current consumption 380-400-415V	A	24.0 - 22.8 - 22.0
COP		4.23
Flow rate of water in circuit	m³/h	10.3
Flow rate of heat source water/glycol	m³/h	14.7
Nominal heating capacity 2 *1		
Power absorption	kW	45.0
Current consumption 380-400-415V	A	17.2 - 16.4 - 15.8
COP		4.41
Flow rate of water in circuit	m³/h	7.7
Flow rate of heat source water/glycol	m³/h	11.2
Heat source liquid		Ethylene glycol 35 WT% (freezing point -18°C)
Water pressure loss		
Hot water side*3	kPa	14
Heat source water/glycol side*3	kPa	38
Temperature range		
Hot water side	°C	Hot water delivery 30 ~ 65
Heat source water/glycol side	°C	(at inlet from source) -8 ~ 27
Hot water/heat source piping diameter		
Return	mm (int)	50.8 (Rc 2") threaded
Delivery	mm (int)	50.8 (Rc 2") threaded
Flow rate of water in circuit		
Hot water side	m³/h	3.2 - 15.0
Heat source water/glycol side	m³/h	4.5 - 16.0
Installation environment *4		indoor
Sound pressure (measured in anechoic chamber) at 1 m *3		50
Sound pressure (measured in anechoic chamber) *3		66
Dimensions	HxLxW	1561x934x780
Dry weight		395
R410A refrigerant charge quantity		4.5 x 2
Net weight	kg	
Ref. Charge R407C*4/CO ₂ Eq	kg/Tons	9/18.79

Note:

*1 Nominal heating conditions: Hot water delivery temperature 35°C; water/glycol outlet temperature -3°C; hot water return temperature 30°C; water/glycol inlet temperature 0°C.

*2 Includes power absorption of pump in accordance with EN14511.

*3 Nominal heating conditions: Hot water delivery temperature 35°C; water/glycol outlet temperature -3°C; hot water return temperature 30°C; water/glycol inlet temperature 0°C. Power 60 kW, hot water flow rate 10.3 m³; water/glycol flow rate 14.7 m³.

*4 The unit is for indoor installation only. Do not install outdoors.