



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.