



Technical specifications DOMESTIC HOT WATER

MODELLO			QAHV-N560YA-HPB
Power supply			3-phase 380-400-415V 50/60Hz
Nominal heating capacity * ¹		kW	40
	Power input	kW	10,31
	Current	A	17,8-16,9-16,3
	COP		3,88
Nominal heating capacity * ²		kW	40
	Power input	kW	10,97
	Current	A	20,0-19,0-18,3
	COP		3,65
Nominal heating capacity * ³		kW	40
	Power input	kW	11,6
	Current	A	20,4-19,4-18,7
	COP		3,44
Temperature range * ⁴	Supply	°C	55~90°C
	Outdoor	°C	-25 ~ +43
Energy efficiency heating rank in warm climate * ⁵	Rank		A
Energy efficiency for heating in warm climate * ⁵	η _{wh}		103%
Circulation pump			included
Circulation pump pressure		kPa (l/min)	77 kPa (17 l/min)
Water piping diameter		mm	19,05 (3/4")
		mm	19,05 (3/4")
Sound pressure level at 1 m		dB(A)	56
External dimensions		mm	1837 (1777 not including legs)x1220x760
Net weight		kg	400
Water pressure		Mpa	1
Ref. Charge R744 * ⁶ /Eq CO ₂		kg/Tons	6,5/0,0065

Nota:

*¹ Heating nominal conditions: outdoor temperature 16°CBS/12°CBU; supply water temperature 65°C; inlet water temperature 40°C

*² Heating nominal conditions: outdoor temperature 7°CBS/6°CBU; supply water temperature 65°C; inlet water temperature 9°C

*³ Heating nominal conditions: outdoor temperature 7°CBS/6°CBU; supply water temperature 65°C; inlet water temperature 15°C

*⁴ Refer to installation and instruction manual.

*⁵ Warm conditions: solar radiation and outdoor temperature condition of Strasburg.

*⁶ GWP of R744 equals to 1 according to regulation 517 / 2014

* Do not install where wet bulb temperature exceeds 32°C

* Comply with water quality specification as reported in technical documentation.