Tabel cu specificatiile tehnice ETVH12E9W

					ETVH12S18EA9W	ETVH12S23EA9W	ETVH12S18EJ9W	ETVH12S23EJ9W
Sound pressure level	Nom.			dBA	30.0 (6)	30.0 (6)	30.0 (6)	30.0 (6)
Operation range	Cooling	Ambient	Min.	°CDB	0 (7)	0 (7)	0 (7)	0 (7)
		Water side	Max.	°C	0 (7)	0 (7)	0 (7)	0 (7)
			Min.	°C	0 (7)	0 (7)	0 (7)	0 (7)
	Heating	Water side	Max.	°C	0 (7)	0 (7)	0 (7)	0 (7)
			Min.	°C	0 (7)	0 (7)	0 (7)	0 (7)
Sound power level	Nom.			dBA	44.0 (5)	44.0 (5)	44.0 (5)	44.0 (5)
Dimensions	Unit		Width	mm	595	595	595	595
			Depth	mm	625	625	625	625
			Height	mm	1,650	1,850	1,650	1,850
Casing	Material				Precoated sheet metal	Precoated sheet metal	Precoated sheet metal	Precoated sheet metal
Weight	Unit			kg	108	117	108	117
Electric heater	Recommended fuses			A	20 (10)	20 (10)	20.000 (10)	20.000 (10)
	Power supply		Frequency	Hz	50	50	50	50
			Voltage	V	400	400	400	400
			Name		9W	9W	9W	9W
			Phase		3~	3~	3~	3~
Power supply	Name				See note 9	See note 9	See note 9	See note 9
Notes					(1) - Operation area is extended to lower flow rates only in case the unit operates with heat pump only. (Not	(1) - Operation area is extended to lower flow rates only in case the unit operates with heat pump only. (Not	(1) - Operation area is extended to lower flow rates only in case the unit operates with heat pump only.	(1) - Operation area is extended to lower flow rates only in case the unit operates with heat pump only.

	in startup, no BUH operation, no defrost operation).	in startup, no BUH operation, no defrost operation).	(Not in startup, no BUH operation, no defrost operation).	(Not in startup, no BUH operation, no defrost operation).
	(2) - Based on a dT of 45 K	(2) - Based on a dT of 45 K	(2) - Based on a dT of 45 K	(2) - Based on a dT of 45 K
	(3) - Including piping + back-up heater; excluding expansion vessel	(3) - Including piping + back-up heater; excluding expansion vessel	(3) - Including piping + back-up heater; excluding expansion vessel	(3) - Including piping + back-up heater; excluding expansion vessel
	(4) - Excluding the water in the unit. This minimum water volume is sufficient for most applications. During critical processes extra water may be required.	(4) - Excluding the water in the unit. This minimum water volume is sufficient for most applications. During critical processes extra water may be required.	(4) - Excluding the water in the unit. This minimum water volume is sufficient for most applications. During critical processes extra water may be required.	(4) - Excluding the water in the unit. This minimum water volume is sufficient for most applications. During critical processes extra water may be required.
	(5) - Measured with a pressure drop of 10 kPa in the heating system at an operating condition of leaving water 47-55°C in a room with an ambient of 20°C. DB/WB 7°C/6°.	(5) - Measured with a pressure drop of 10 kPa in the heating system at an operating condition of leaving water 47-55°C in a room with an ambient of 20°C. DB/WB 7°C/6°.	(5) - Measured with a pressure drop of 10 kPa in the heating system at an operating condition of leaving water 47-55°C in a room with an ambient of 20°C. DB/WB 7°C/6°.	(5) - Measured with a pressure drop of 10 kPa in the heating system at an operating condition of leaving water 47-55°C in a room with an ambient of 20°C. DB/WB 7°C/6°.
	(6) - Value measured in an anechoic room at 1m distance from the unit. It is a relative value, depending on the distance and acoustic environment. The sound pressure level mentioned is measured with a pressure drop of 10 kPa in the heating system at an operatin	(6) - Value measured in an anechoic room at 1m distance from the unit. It is a relative value, depending on the distance and acoustic environment. The sound pressure level mentioned is measured with a pressure drop of 10 kPa in the heating system at an operatin	(6) - Value measured in an anechoic room at 1m distance from the unit. It is a relative value, depending on the distance and acoustic environment. The sound pressure level mentioned is measured with a pressure drop of 10 kPa in the heating system at an operatin	(6) - Value measured in an anechoic room at 1m distance from the unit. It is a relative value, depending on the distance and acoustic environment. The sound pressure level mentioned is measured with a pressure drop of 10 kPa in the heating system at an operatin
	(7) - Refer to operation range of the unit.	(7) - Refer to operation range of the unit.	(7) - Refer to operation range of the unit.	(7) - Refer to operation range of the unit.
	(8) - Depends on operation mode, refer to installation manual.	(8) - Depends on operation mode, refer to installation manual.	(8) - Depends on operation mode, refer to installation manual.	(8) - Depends on operation mode, refer to installation manual.
	(9) - Above mentioned power supply of the hydrobox is for the backup heater only. The switch box and the pump of the hydrobox are supplied via the outdoor unit. The optional domestic hot water tank has a separate power supply.	(9) - Above mentioned power supply of the hydrobox is for the backup heater only. The switch box and the pump of the hydrobox are supplied via the outdoor unit. The optional domestic hot water tank has a separate power supply.	(9) - Above mentioned power supply of the hydrobox is for the backup heater only. The switch box and the pump of the hydrobox are supplied via the outdoor unit. The optional domestic hot water tank has a separate power supply.	(9) - Above mentioned power supply of the hydrobox is for the backup heater only. The switch box and the pump of the hydrobox are supplied via the outdoor unit. The optional domestic hot water tank has a separate power supply.
	(10) - 4 pole 20 A curve 400V tripping class C (refer to wiring diagram)	(10) - 4 pole 20 A curve 400V tripping class C (refer to wiring diagram)	(10) - 4 pole 20 A curve 400V tripping class C (refer to wiring diagram)	(10) - 4 pole 20 A curve 400V tripping class C (refer to wiring diagram)