

## 14 TECHNICAL SPECIFICATIONS

### 14.1 General

Model	1-phase	1-phase RY1, 3-phase RY3	3-phase
	4/6 kW	8/10 kW	12/14/16 kW
Nominal capacity	Refer to the Technical Data		
Dimensions HxWxD	718 1295 429mm	865 1385 526mm	865 1385 526mm
Packing Dimensions HxWxD	1375*885*475mm	1465*1035*560mm	1465*1035*560mm
Weight (without backup heater)			
Net weight	86kg	105kg	144kg
Gross weight	107kg	132kg	172kg
Weight (backup heater have be intergrated in the unit)			
Net weight	91kg	110kg	149kg
Gross weight	112kg	137kg	177kg
Connections			
water inlet/outlet	G1"BSP	G5/4"BSP	G5/4"BSP
Water drain	hose nipple		
Expansion vessel			
volume	8L		
Maximum working pressure (MWP)	8 bar		
Pump			
Type	Water cooled	Water cooled	Water cooled
No. of speed	Variable speed	Variable speed	Variable speed
Pressure relief valve water circuit	3 bar		
Operation range - water side			
heating	+12~+65°C		
cooling	+5~+25°C		
Operation range - air side			
heating	-25~35°C		
cooling	-5~43°C		
domestic hot water by heat pump	-25~43°C		

### 14.2 Electrical specifications

Model		1-phase 6/8/10kW units RY1	3-phase 8/10/12/14/16kW units RY3
Standard unit	Power Supply	220-240V~ 50Hz	380-415V 3N~ 50Hz
	Nominal Running Current	See "9.7.4 Safety device requirement	
Backup heater	Power Supply	See 9.7.4 Safety device requirement	
	Nominal Running Current		