TECHNICAL PARAMETERS

R290 — R290

Micro-channel Condenser

65°C — Up to 65°C

X2 — Dual Power Heat

Child Lock

36dB

APP — hOn App

Model	HP80M8-9	HP110M8-9	HP150M8-9
Tank			
Tank volume(L)	82	102	149
Rated voltage/frequency(V/Hz)	220-240/50	220-240/50	220-240/50
Tank rated pressure(MPa)	0.8	0.8	0.8
Corrosion protection	Magnesium rod	Magnesium rod	Magnesium rod
Water proof grade	IPX4	IPX4	IPX4
Performances			
Type of extraction	Ambient/Exterior	Ambient/Exterior	Ambient/Exterior
COP@7°C/EN16147	2.91	2.79	3.03
COP@14°C/EN16147	3.07	3.32	3.39
Tapping cycle	M	M	L
Power input by electric backup	1200	1200	1200
Rated power input by heat pump(W)	250	250	250
Maximum power input by heat pump(W)	370	370	370
Maximum power input(W)	1570	1570	1570
Standby power input/Pes(W)	15.3	18.7	22.5
Max volume of usable hot water at 40°C setting at 55°C(L)	103.8	128.3	190
Heating up time (7°C)(h)	4.44	5.64	8.62
Heating up time(14°C)(h)	3.8	4.79	7.18
Default temperature setting(°C)	55	55	54
Temperature setting range-with heater(°C)	35-75	35-75	35-75
Maximum length of air duct(m)	36	36	36
Diameter of air duct connection(mm)	160	160	160
Max air quantity(m^3/h)	375	375	375
Max working pressure of refrigerant(MPa)	1.0/3.3	1.0/3.3	1.0/3.3
Refrigerant type/weight(kg)	R290/0.12	R290/0.12	R290/0.12
Noise power dB(A)	50	50	50
Ambient temperature for use of product(°C)	-7~45	-7~45	-7~45
Operating temperature of heat pump(°C)	-7~45	-7~45	-7~45
Dimension and connections			
Water inlet and outlet connection	R1/2"M Large Flow	R1/2"M Large Flow	R1/2"M Large Flow
Safety valve connection	R1/2"M	R1/2"M	R1/2"M
Drain&Water intlet connection	R1/2"M	R1/2"M	R1/2"M
Product dimensions W/D/H(mm)	492*547*1184	492*547*1334	492*547*1694
Packing dimensions without pallet W/D/H(mm)	587*587*1247	587*587*1397	587*587*1764
Packing dimensions with pallet W/D/H(mm)	/	/	587*587*1894
Net/Gross weight(kg)	51/58	54/62	64/83

*The COP and noise level data was tested in Haier lab.
The COP values obtained with external air temperature of 7°C and 14°C, inlet water temperature of 10°C and set temperature of 55°C (according to EN 16147).

CE NF A+