

Name:	CO <sub>2</sub> Air Source Heat Pump	
Model:	HCYK-10CII	
Power supply:	3Ph/400V/50Hz + N + E	
Heating mode:	Heating only	
Performance:	Nominal working condition	Standard working condition
Ambient temperature:	DB/WB: 7/6°C	DB/WB: 20/15°C
Inlet temperature:	30°C	15°C
Outlet temperature:	80°C	60°C
Heating power:	22300 W	36500 W
Power input:	9000 W	8100 W
COP:	2.5	4.5
Flow:	0.38 m <sup>3</sup> /h	0.69 m <sup>3</sup> /h
Rated current:	16.1 A	
Maximum starting current:	45 A	
Maximum power input:	9000 W	
Refrigerant code:	R744	
Refrigerant charge:	7.5 kg	
Noise level:	≤ 58 db(A)	
Water side connections:	2 x 1¼"	
Pressure drop gas cooler:	± 35-40 kPa	
Applicable ambient temperature:	-25~+43°C	
Casing material:	Hot-dip galvanized sheet metal plate Finishing powder coating	
Colour:	Dark grey (RAL7043)	
Dimensions:	W1472xD1100xH2308 mm	
Net weight:	480 kg	