

Univon Commercial Air Source Heat Pump (cycle heating) Specifications

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Product Model		UniQXC 11.5	UniQXC 19	UniQXC 38.5 U	UniQXC 78 V	UniQXC 95 V	UniQXC 110 V
							
Parameters	Rated heating capacity (kW)	11.5	19	38.5	78	95	110
	Rated input power (kW)	2.95	4.8	9.6	19.2	23.8	27.8
	Max input power (kW)	3.98	6.5	13.0	25.9	32.1	37.5
	Rated current (A)	5.9	9	17.6	36.1	41.4	52.3
	Max current (A)	8.0	12.2	23.8	48.7	55.9	70.6
	COP (Coefficient of Performance)	3.90	3.96	4.01	4.06	3.99	3.96
	Power supply	380V/50Hz/3PH					
	Refrigerant	R 407C					
	Rated heated water output (L/H)	283	467	946	1916	2334	2702
	Rated outlet water temperature (°C)	55°C					
	Max outlet water temperature (°C)	60°C					
	Working ambient temperature	-7°C to 45°C					
	IP grade (Level of protection)	IPX4					
	Anti-electric shock rate	I					
Noise (dB(A))	≤55	≤58	≤66	≤68	≤72	≤75	

	Water pressure drop (kPa)	25	30	35	46	48	52
	Water circulation (L/H)	2260	3734	7566	15329	18670	21618
	Diameter of pipe (mm)	DN25	DN25	DN32	DN50	DN65	DN65
S t a n d a r d C o n f i g u r a t i o n	Metel plate	Galvanized steel/Powder Coated/Gray					
	Compressor	Copeland					
	Condenser	Efficient tank heat exchanger / Tube in tube heat exchanger					
	Evaporator	U-1/1660*650/φ9.52	U-1/1860*900/φ9.52	U-2/1100*900/φ9.52	V-3/900*1500*2/φ9.52	V-3/900*1700*2/φ9.52	V-3/900*1900*2/φ9.52
	Fan Motor (with capacitance)	90W*1(5μf)	250W*1(15μf)	250W*2(15μf)	YSWF102L70P6-753N-630*2	YSWF127L50P6-840N-710*2	YSWF127L50P6-840N-710*3
	Four-way valve	DSF-11	DSF-20	DSF-20	DHF-35	DHF-35	DHF-35
	Expansion valve	Danfoss /Emerson					
	AC contactor	220V-12A	220V-18A	(220V-18A)*2	(220V-38A)*2	(220V-38A)*2	(220V-38A)*3
	Low pressure switch	0.05/0.15MPa					
	High pressure switch	3.0/3.6MPa					
	Controller	Single System (Motorola Chip)		Dual system (Motorola Chip)	Four system (Motorola Chip)		
	Power line connect with unit	3*2.5mm ² +2*1.5mm ²	3*4mm ² +2*2.5mm ²	3*6mm ² +2*2.5mm ²	3*10mm ² +2*4mm ²	3*16mm ² +2*6mm ²	3*16mm ² +2*6mm ²
	Body size (W*D*H) (mm)	710*710*870	810*800*1030	1500*750*1030	1850*1000*1950	2000*1100*2080	2300*1100*2300
	Packing size (W*D*H) (mm)	810*810*1070	910*900*1230	1600*850*1230	1950*1100*2050	2100*1200*2280	2400*1200*2500
	Net weight/Gross weight (kg)	100/106	145/155	280/300	482/532	582/642	612/675
	Package	Polywood packing					

Working condition: Dry bulb temperature 28℃, Wet bulb temperature 20℃, Inlet water temperature 20℃, Outlet water temperature 60℃.

Notes:

1. The above specifications are subject to change without prior notice for product improvement. For final parameters, please refer to the nameplate on the machine.
2. Warranty: 1 year for the whole unit.

for Unique Business Corporation



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THANK YOU FOR YOUR BUSINESS!