





Univon Commercial Air Source Heat Pump (cycle heating)

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Product Model	UniQXC 11.5	UniQXC 19	UniQXC 38.5 U	UniQXC 53 V	UniQXC 78 V	UniQXC 95 V	UniQXC 110 V
							
Rated heating capacity (kW)	11.5	19	38.5	53	78	95	110
Rated input power (kW)	2.95	4.8	9.6	13.2	19.2	23.8	27.8
Max input power (kW)	3.98	6.5	13.0	17.8	25.9	32.1	37.5
Rated current (A)	5.9	9	17.6	25.9	36.1	41.4	52.3
Max current (A)	8.0	12.2	23.8	35.0	48.7	55.9	70.6
COP (Coefficient of Performance)	3.90	3.96	4.01	4.06	4.06	3.99	3.96
Power supply	380V/50Hz/3PH						
Refrigerant	R 407C						
Rated heated water output (L/H)	283	467	946	1297	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	≤68	≤72	≤75
Water pressure drop (kPa)	25	30	35	40	46	48	52
Water circulation (L/H)	2260	3734	7566	8942	15329	18670	21618
Diameter of pipe (mm)	DN25	DN25	DN32	DN32	DN50	DN65	DN65
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-3/650*1260*3/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)	YSWF102L50P6-625N-550*2	YSWF102L70P6-753N-630*2	YSWF127L50P6-840N-710*2	YSWF127L50P6-840N-710*3
Four-way valve	DSF-11	DSF-20	DSF-20	DSF-20	DHF-35	DHF-35	DHF-35
Expansion valve	Danfoss /Emerson						
AC contactor	220V-12A	220V-18A	(220V-18A)*2	(220V-32A)*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*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	1580*800*1600	1850*1000*1950	2000*1100*2080	2300*1100*2300
Packing size (W*D*H) (mm)	810*810*1070	910*900*1230	1600*850*1230	1680*900*1800	1950*1100*2050	2100*1200*2280	2400*1200*2500
Net weight/Gross weight (kg)	100/106	145/155	280/300	372/412	482/532	582/642	612/675
Package	Polywood packing						

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

Notes:

- The above specifications are subject to change without prior notice for product improvement. For final parameters, please refer to the nameplate on the machine.

for Unique Business Corporation



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