

Specifications

General Data

MODEL			UCCP35AE/ADE	UCCP55AE/ADE	UCCP70AE/ADE	UCCP75AE/ADE
NOMINAL COOLING CAPACITY	kW		32	46.5	64	73.5
RATED TOTAL POWER INPUT	kW		7.8 (7.8)/13.5 (13.5)	13.1 (12.3)/23.2 (23.2)	16.2 (15.2)/30.0 (29.2)	18.1/39.0
RATED ELECTRIC HEATING CAPACITY	kW		12	21	27	36
POWER SUPPLY			380-415/3N~/50Hz			
REFRIGERANT TYPE			R407C			
REFRIGERANT OIL TYPE			POE			
AIR FLOW	m³/h		5900	8100	10800	13600
STANDARD ESP	Pa		100 (0)	150 (0)	150 (0)	200
SOUND PRESSURE LEVEL	dB(A)		65	67	70	72
UNIT DIMENSION	LENGTH	mm/in	1278/50	1722/68	1922/76	2000/79
	WIDTH	mm/in	677/27	736/29	836/33	1060/42
	HEIGHT	mm/in	1902/75 (2172/86)	1921/76 (2195/86)	2035/80 (2404/95)	1961/77
PACKING DIMENSION	LENGTH	mm/in	1320/52	1790/70	1990/78	2040/80
	WIDTH	mm/in	720/28	780/31	895/35	1110/44
	HEIGHT	mm/in	2090/82 (2410/95)	2100/83 (2410/95)	2230/88 (2530/100)	2150/85
UNIT NET WEIGHT		kg/lb	280/617 (300/660) 293/646 (313/690)	455/1003 (485/1067) 473/1043 (503/1109)	610/1344 (650/1433) 632/1393 (672/1481)	720/1587 760/1675
CONDENSATE DRAIN SIZE		mm/in	25.4/1	25.4/1	25.4/1	25.4/1
WATER PIPE CONNECTION	TYPE		FEMALE THREAD			
	SIZE	mm/in	31.75/1.25	50.80/2.00	50.80/2.00	50.80/2.00
REFRIGERANT CHARGE		kg/lb	2.9/6.39	3.1+1.45/6.83+3.2	3.7+3.9/8.16+8.6	4.0×2/8.8×2
REFRIGERANT OIL CHARGE		L	3.253	3.253+1.685	3.253×2	3.253×2

- NOTES:
- ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
 - NOMINAL COOLING AND HEATING CAPACITY ARE BASED ON THE CONDITIONS BELOW: COOLING 27°CDB/19°CWB INDOOR AND ENTER COOLING WATER TEMPERATURE 30°C, RATED WATER FLOW.
 - SOUND PRESSURE LEVEL TEST METHOD: POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.
 - THE NUMBERS IN THE PARENTHESES ARE APPLICABLE FOR THE UNITS WITH PLENUM.

General Data

MODEL		UCCP85AE/ADE	UCCP100AE/ADE	UCCP115AE/ADE	UCCP125AE/ADE
NOMINAL COOLING CAPACITY	kW	82	95	110	118
RATED TOTAL POWER INPUT	kW	20/40	25.4/46	29.2/53.5	30/55.5
RATED ELECTRIC HEATING CAPACITY	kW	36	42	48	48
POWER SUPPLY		380-415/3N~/50Hz			
REFRIGERANT TYPE		R407C			
REFRIGERANT OIL TYPE		POE			
AIR FLOW	m³/h	14500	17000	19800	22000
STANDARD ESP	Pa	200	250	250	250
SOUND PRESSURE LEVEL	dB(A)	72	74	75	75
UNIT DIMENSION	LENGTH	mm/in	2000/79	2000/79	2220/87
	WIDTH	mm/in	1060/42	1060/42	1243/49
	HEIGHT	mm/in	1989/78	1989/78	2068/81
PACKING DIMENSION	LENGTH	mm/in	2040/80	2040/80	2250/89
	WIDTH	mm/in	1110/44	1110/44	1290/51
	HEIGHT	mm/in	2150/85	2150/85	2240/88
UNIT NET WEIGHT		kg/lb	800/1763 840/1852	930/2050 960/2116	1010/2226 1060/2337
CONDENSATE DRAIN SIZE		mm/in	25.4/1	25.4/1	25.4/1
WATER PIPE CONNECTION	TYPE	FEMALE THREAD			
	SIZE	mm/in	50.80/2.00	63.50/2.50	63.50/2.50
REFRIGERANT CHARGE		kg/lb	4.2×2/9.2×2	7.3×2+2.7/16×2+5.4	4.7×3/10.3×3
REFRIGERANT OIL CHARGE		L	1.685×4	3.253×2+1.774	3.253×3

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 - SOUND PRESSURE LEVEL TEST METHOD: POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.

General Data

MODEL			UCCP135AE/ ADE	UCCP145AE/ADE	UCCP165AE/ ADE	UCCP185AE	UCCP205AE
NOMINAL COOLING CAPACITY		kW	132	144	154	180	199
RATED TOTAL POWER INPUT		kW	33/55.5	34.4/67.5	39.0/71	42	49.4
RATED ELECTRIC HEATING CAPACITY		kW	48	60	60	55 (External)	55 (External)
POWER SUPPLY			380-415/3N~/50Hz				
REFRIGERANT TYPE			R407C				
REFRIGERANT OIL TYPE			POE				
AIR FLOW		m³/h	22000	24600	26400	28800	33000
STANDARD ESP (OPTION)		Pa	300(350/400/450)	300(350/400/450)	350(400/450)	350(400/450/500)	350(400/450/500)
SOUND PRESSURE LEVEL		dB(A)	76	77	77	78	79
UNIT DIMENSION	LENGTH	mm/in	2420/95	2420/95	2420/95	2675/105	3002/118
	WIDTH	mm/in	1243/49	1243/49	1243/49	1243/49	1534/60
	HEIGHT	mm/in	2068/81	2068/81	2068/81	2068/81	2083/82
PACKING DIMENSION	LENGTH	mm/in	2450/96	2450/96	2450/96	2700/106	3085/121
	WIDTH	mm/in	1290/51	1290/51	1290/51	1290/51	1700/67
	HEIGHT	mm/in	2240/88	2240/88	2240/88	2240/88	2300/91
UNIT WEIGHT		kg/lb	1225/2700 1255/2767	1235/2722 1265/2789	1250/2755 1280/2822	1350/2975	1400/3086
CONDENSATE DRAIN SIZE		mm/in	25.4/1	25.4/1	25.4/1	25.4/1	25.4/1
WATER PIPE CONNECTION	TYPE	FEMALE THREAD					
	SIZE	mm/in	63.50/2.50	63.50/2.50	76.20/3.00	76.20/3.00	76.20/3.00
REFRIGERANT CHARGE		kg/lb	3.9×4/8.6×4	4.0×3+3.8/ 8.8×3+8.4	4.5×4/9.9×4	4.6×4+3.3/ 10.1×4+7.3	7.1×3+6.9×2/ 15.6×3+15.2
REFRIGERANT OIL CHARGE		L	3.253×3+1.774	3.253×3+1.774	3.253×4	3.253×4+1.774	3.253×5

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 - SOUND PRESSURE LEVEL TEST METHOD: POSITION OF THE MEASUREMENT POINT IS 1m IN FRONT AND 1m BELOW THE UNIT.