

EKCU-BX Air-cooled

Model		EKCU25	EKCU30	EKCU35	EKCU40	EKCU42	EKCU45	EKCU50	EKCU52	EKCU60	EKCU70	EKCU80	EKCU90	EKCU100
Circulating air flow	m3/h	7500	8500	9000	11000	11000	12000	13000	13000	17000	18000	21000	24000	25000
Total cooling capacity	kW	26.5	32.7	37.2	41.2	43	48.2	50.2	52.8	65.2	74.6	82.5	91.3	101.5
Sensible cooling capacity	kW	24.5	30	34.1	38	39.6	44.2	46	48.5	60.3	68.7	76	84	93.5
Compressor quantity	Nr	1	1	1	1	2	1	1	2	2	2	2	2	2
Compressor type		SCROLL												
Fan quantity	Nr	1	1	1	1	1	1	1	1	2	2	2	2	2
E.S.P	Pa	0~400Pa												
Filter		G4												
Secondary heater	kW	6	6	6	9	9	9	9	9	9	9	12	12	12
Humidifying capacity	kg/h	5	5	5	8	8	8	8	8	10	10	10	10	10
Power supply														
Specification FLA	A	26.4	29.2	35.4	38.3	41.8	43.3	44.8	46.1	58.1	61.1	69.6	74.6	79.6
Proposed air switch (1)	A	40	40	50	50	63	63	63	63	80	80	100	100	100
Humidifier inlet pipe (2)	mm	19	19	19	19	19	19	19	19	19	19	19	19	19
Condensate water drainage	mm	19	19	19	19	19	19	19	19	19	19	19	19	19
Refrigerant gas pipe	mm	19	22	22	22	19x2	22	22	19x2	22x2	22x2	22x2	22x2	22x2
Refrigerant liquid pipe	mm	16	16	16	16	16x2	16	16	16x2	16x2	16x2	16x2	16x2	16x2
Weight (air cooled)	kg	275	290	332	375	435	465	485	490	680	720	800	850	876
Dimension(LxWxH)	mm	855x870x1975		1140x700x1950		1380x998x1975					1880x998x1975		2280x998x1975	

Model	EKCU05ASTCT-ACS32	EKCU08ASTCT-ACS42	EKCU12ASTCT-ACS50	EKCU12ASTCT-ACS60	EKCU15ASTCT-ACS72	EKCU18ASTCT-ACS80	EKCU18ASTCT-ACS90
Fan quantity	1	1	1	1	2	2	2
Power supply	380-415V/3N~/50Hz						
Pipe connection	φ22/ φ16	φ22/ φ16	φ22/ φ16	φ25/ φ19	φ25/ φ19	φ28/ φ22	φ28/ φ22
Weight (kg)	120	128	136	152	168	168	226
Dimension-L (mm)	1350		c1550		1850		2350
Dimension-H1 (mm)	1108		1115		1108		1115
Dimension-H2 (mm)	654		662		654		662
Dimension-W (mm)	972		1277		1277		1277

Match table							
Indoor unit	EKCU25	EKCU30	EKCU35	EKCU40	EKCU42	EKCU45	EKCU50
Outdoor unit	EKCU08ASTCT-ACS42	EKCU12ASTCT-ACS50	EKCU12ASTCT-ACS60	EKCU15ASTCT-ACS72	2*EKCU05ASTCT-ACS32	EKCU18ASTCT-ACS80	EKCU18ASTCT-ACS90
Indoor unit	EKCU52	EKCU60	EKCU70	EKCU80	EKCU90	EKCU100	
Outdoor unit	2*EKCU08ASTCT-ACS42	2*EKCU12ASTCT-ACS50	2*EKCU12ASTCT-ACS60	2*EKCU15ASTCT-ACS72	2*EKCU18ASTCT-ACS80	2*EKCU18ASTCT-ACS90	

Note

- 1. Test condition , R22 referigerant ,return air 24°C/50%RH,condesate temp. 45°C
- 2. (1) is the max allowable current whichdoesn't include the outdoor unit;(2) would fluctuate based on different configurations.
- 3. The heights above don't contain the hood
- 4. ESP can be adjustable for EC fan ,AC fan can't