



COMMERCIAL AIR CONDITIONERS

PRODUCT CATALOGUE

AIR HANDLING UNIT



AIR HANDLING UNIT

FUJIAIR patent Cold-bridge Free design.

Multiple-seal to prevent air leakage.

Lower noise running, famous-brand fan is in use, the professional selection software make sure the optimum working point and outlet velocity to guarantee the smooth & low noise air flow in the duct.



4ROWS RETURN AIR

Model	Air Flow m ³ /h	Cooling Capacity kW	Heating Capacity kW	Water Flow m ³ /h	Water Resistance		E.S.P.			Motor Power			Unit Weight	
					H	V	I	II	III	I	II	III	H	V
					kPa	kPa	Pa	Pa	Pa	kW	kW	kW	kg	kg
010	1000	5.9	9.94	1.01	12.2	5.1	-	-	120	-	-	0.32	73	96
015	1500	8.6	13.58	1.48	20.6	8.5	-	-	150	-	-	0.37	80	98
020	2000	13.3	22.12	2.29	24.9	10.5	-	-	200	-	-	0.32	95	102
025	2500	15.9	23.66	2.73	42.0	17.4	-	-	200	-	-	0.32	100	114
030	3000	16.6	28.14	2.85	52.7	24.7	120	180	250	0.55	0.55	0.75	115	130
040	4000	22.4	37.52	3.85	9.9	47.9	150	200	300	0.75	1.1	1.1	125	163
050	5000	30.0	47.88	5.16	18.3	12.2	150	200	300	1.1	1.5	1.5	155	196
060	6000	35.5	58.1	6.10	30.3	13.7	150	200	300	1.1	1.5	1.5	167	202
070	7000	42.0	67.62	7.22	34.5	13.7	180	250	350	1.5	1.5	2.2	191	239
080	8000	48.7	76.86	8.37	38.6	20.0	180	250	350	2.2	2.2	3	260	279
090	9000	49.3	89.74	8.48	41.9	25.6	200	300	400	2.2	2.2	3	295	299
105	10500	59.3	104.02	10.20	65.3	28.1	200	300	400	2.2	3	3	315	333
120	12000	69.3	122.5	11.92	78.6	13.2	200	300	400	3	4	4	325	347
135	13500	82.7	144.9	14.22	26.2	17.7	300	400	500	3	4	5.5	383	410
150	15000	89.7	161.7	15.43	26.8	20.0	300	400	500	4	4	5.5	387	418
180	18000	115.5	202.58	19.86	30.7	24.5	300	400	500	4	5.5	7.5	446	466
210	21000	121.4	214.48	20.88	40.1	28.4	300	400	500	5.5	7.5	7.5	509	529
240	24000	142.8	252.42	24.56	40.9	27.6	300	400	500	7.5	7.5	11	619	632
270	27000	158.7	275.94	27.29	58.3	40.0	300	400	500	7.5	11	11	672	678
300	30000	195.5	342.58	33.62	58.3	47.4	300	400	500	11	11	11	702	715
350	35000	217.3	351.0	37.37	75	75	300	400	500	11	11	15	1000	1050
400	40000	235.7	390.6	40.53	25	25	300	400	500	11	15	15	1100	1150
450	45000	268.0	441.5	46.09	34	34	300	400	500	15	15	18.5	1200	1250
500	50000	299.4	492.4	51.49	33	33	300	400	500	15	18.5	18.5	1300	1350

Performance values refer to the following conditions:

- Cooling capacity is measured under the condition : Air inlet temperature DB 27°C/WB 19.5°C ,water inlet temperature 7°C,water temperature difference 5°C;
- Heating capacity is measured under the condition : Air inlet temperature DB 21°C ,water inlet temperature 60°C.

H: Horizontal type, V: Vertical type

6ROWS RETURN AIR

Model	Air Flow	Cooling Capacity	Heating Capacity	Water Flow	Water Resistance		E.S.P.			Motor Power			Unit Weight	
					H	V	I	II	III	I	II	III	H	V
	m ³ /h	kW	kW	m ³ /h	kPa	kPa	Pa	Pa	Pa	kW	kW	kW	kg	kg
010	1000	8.2	12.4	1.41	27.3	11.6	-	-	120	-	-	0.32	80	116
015	1500	10.5	16.0	1.81	49.6	20.8	-	-	150	-	-	0.37	86	120
020	2000	15.1	23.0	2.60	57.5	26.7	-	-	200	-	-	0.32	105	127
025	2500	18.1	29.8	3.11	79	44.6	-	-	200	-	-	0.45	111	137
030	3000	21.6	34.7	3.71	15.5	62.4	120	180	250	0.55	0.75	0.75	146	159
040	4000	28.7	46.5	4.94	24.9	15.0	150	200	300	1.1	1.1	1.1	155	191
050	5000	35.9	56.6	6.17	44.6	25.7	150	200	300	1.5	1.5	1.5	185	228
060	6000	42.8	65.9	7.36	72.5	32.2	150	200	300	1.5	1.5	2.2	208	238
070	7000	49.4	77.2	8.50	82.5	32.0	180	250	350	1.5	2.2	2.2	251	280
080	8000	57.9	87.5	9.96	27.6	45.9	180	250	350	2.2	2.2	3	300	336
090	9000	64.6	101.7	11.11	29.9	63.5	200	300	400	2.2	3	3	330	349
105	10500	78.3	124.7	13.47	46.2	22.8	200	300	400	3	3	4	345	387
120	12000	88.5	141.1	15.22	55.3	33.5	200	300	400	3	4	4	351	394
135	13500	98.5	160.9	16.94	62.4	40.4	300	400	500	4	4	5.5	413	455
150	15000	107.7	176.7	18.52	64.5	46.2	300	400	500	4	5.5	5.5	429	477
180	18000	126.4	207.5	21.74	73.1	51.6	300	400	500	5.5	5.5	7.5	499	541
210	21000	150.8	247.5	25.93	28.3	21.2	300	400	500	5.5	7.5	7.5	612	624
240	24000	173.2	284.2	29.79	28.9	67.9	300	400	500	7.5	11	11	677	712
270	27000	194.5	319.4	33.45	40.9	29.3	300	400	500	7.5	11	11	735	805
300	30000	216.9	335.9	37.30	40.8	29.8	300	400	500	11	11	15	794	849
350	35000	267.6	403.4	46.02	53	53	300	400	500	11	15	15	1050	1100
400	40000	306.5	461.3	52.71	59	59	300	400	500	11	15	15	1150	1200
450	45000	346.4	519.9	59.57	80	80	300	400	500	15	15	18.5	1250	1300
500	50000	386.9	579.1	66.53	78	78	300	400	500	18.5	18.5	22	1300	1400

Performance values refer to the following conditions:

- Cooling capacity is measured under the condition : Air inlet temperature DB 27°C/WB 19.5°C ,water inlet temperature 7°C,water temperature difference 5°C;
- Heating capacity is measured under the condition : Air inlet temperature DB 21°C ,water inlet temperature 60°C.

H: Horizontal type, V: Vertical type

4ROWS FRESH AIR

Model	Air Flow	Cooling Capacity	Heating Capacity	Water Flow	Water Resistance		E.S.P.			Motor Power			Unit Weight	
					H	V	I	II	III	I	II	III	H	V
	m ³ /h	kW	kW	m ³ /h	kPa	kPa	Pa	Pa	Pa	kW	kW	kW	kg	kg
010	1000	16.4	18.9	2.82	41.6	22.8	-	-	120	-	-	0.32	73	96
015	1500	21.9	26.1	3.77	66.7	38.9	-	-	150	-	-	0.37	80	98
020	2000	28.8	31.6	4.95	10.8	53.0	-	-	200	-	-	0.32	95	102
025	2500	34.9	41.5	6.00	15.1	75.0	-	-	200	-	-	0.45	100	114
030	3000	41.0	49.2	7.05	22.8	16.5	120	180	250	0.55	0.55	0.75	115	130
040	4000	48.9	61.5	8.41	38.7	25.4	150	200	300	0.75	1.1	1.1	125	163
050	5000	64.5	76.7	11.09	22.8	47.6	150	200	300	1.1	1.5	1.5	155	196
060	6000	76.4	92.6	13.14	27.0	55.5	150	200	300	1.1	1.5	1.5	167	202
070	7000	90.1	106.9	15.49	26.2	55.8	180	250	350	1.5	1.5	2.2	191	239
080	8000	104.1	121.4	17.90	37.2	25.6	180	250	350	2.2	2.2	3	260	279
090	9000	116.9	140.2	20.10	50.6	35.6	180	300	400	2.2	2.2	3	295	299
105	10500	141.7	172.0	24.37	36.7	42.3	200	300	400	2.2	3	3	315	333
120	12000	158.4	199.7	27.24	39.0	62.8	200	300	400	3	4	4	325	347
135	13500	175.1	225.3	30.11	69.9	69.9	200	400	500	3	4	5.5	383	410
150	15000	185.8	239.1	31.95	24.9	24.9	300	400	500	4	4	5.5	387	418
180	18000	210.8	262.3	36.25	26.2	26.2	300	400	500	4	5.5	7.5	446	466
210	21000	253.4	318.3	43.58	35.5	35.5	300	400	500	5.5	7.5	7.5	509	529
240	24000	294.9	366.9	50.71	34.3	34.3	300	400	500	7.5	7.5	11	619	632
270	27000	316.5	393.7	54.43	50.0	50.0	300	400	500	7.5	11	11	672	678
300	30000	344.8	428.9	59.29	50.5	50.5	300	400	500	11	11	11	702	715
350	35000	469.0	484.5	80.65	87	87	300	400	500	11	11	15	1000	1050
400	40000	491.9	546.5	84.59	41	41	300	400	500	11	15	15	1100	1150
450	45000	557.4	615.9	95.86	56	56	300	400	500	15	15	18.5	1200	1250
500	50000	623.3	687.0	107.19	55	55	300	400	500	15	18.5	18.5	1300	1350

Performance values refer to the following conditions:

- Cooling capacity is measured under the condition : Air inlet temperature DB 27°C/WB 19.5°C ,water inlet temperature 7°C,water temperature difference 5°C;
- Heating capacity is measured under the condition : Air inlet temperature DB 21°C ,water inlet temperature 60°C.

H: Horizontal type, V: Vertical type

6ROWS FRESH AIR

Model	Air Flow m ³ /h	Cooling Capacity kW	Heating Capacity kW	Water Flow m ³ /h	Water Resistance		E.S.P.			Motor Power			Unit Weight	
					H	V	I	II	III	I	II	III	H	V
					kPa	kPa	Pa	Pa	Pa	kW	kW	kW	kg	kg
010	1000	19.1	22.3	3.28	10.9	13.6	-	-	120	-	-	0.25	80	116
015	1500	27.1	31.4	4.66	21.0	12.3	-	-	150	-	-	0.18	86	120
020	2000	35.7	41.6	6.14	23.4	16.6	-	-	200	-	-	0.32	105	127
025	2500	43.4	50.8	7.46	33.9	23.3	-	-	200	-	-	0.45	110	137
030	3000	50.2	58.9	8.63	51.3	35.9	120	180	250	0.55	0.75	0.75	146	159
040	4000	64.6	76.3	11.11	28.4	64.6	150	200	300	1.1	1.1	1.1	155	191
050	5000	79.9	92.0	13.74	55.9	34.8	150	200	300	1.5	1.5	1.5	185	228
060	6000	95.6	110.8	16.44	61.6	40.4	150	200	300	1.5	1.5	2.2	208	238
070	7000	110.8	129.8	19.05	59.3	40.4	180	250	350	1.5	2.2	2.2	251	280
080	8000	126.1	146.3	21.69	65.3	57.9	180	250	350	2.2	2.2	3	300	336
090	9000	134.8	168.5	23.18	82.3	28.5	200	300	400	2.2	3	3	330	349
105	10500	164.1	204.9	28.22	85.6	41.1	200	300	400	3	3	4	345	387
120	12000	186.3	232.8	32.04	92.7	46.6	200	300	400	3	4	4	351	394
135	13500	208.6	266.1	35.87	50.1	50.1	300	400	500	4	4	5.5	413	455
150	15000	225.3	287.3	38.74	57.5	57.5	300	400	500	4	5.5	5.5	429	477
180	18000	269.1	336.7	46.28	52.0	52.0	300	400	500	5.5	5.5	7.5	499	541
210	21000	312.1	390.5	53.67	70.5	70.5	300	400	500	5.5	7.5	7.5	612	624
240	24000	364.2	455.7	62.63	70.4	70.4	300	400	500	7.5	11	11	677	712
270	27000	399.8	500.4	68.75	97.3	97.3	300	400	500	7.5	11	11	735	805
300	30000	430.2	538.4	73.98	90.9	90.9	300	400	500	11	11	15	794	849
350	35000	563.6	559.9	96.92	161	161	300	400	500	11	15	15	1050	1100
400	40000	644.6	639.9	110.85	180	180	300	400	500	11	15	15	1150	1200
450	45000	726.5	719.8	124.94	243	243	300	400	500	15	15	18.5	1250	1300
500	50000	810.4	801.5	139.36	237	237	300	400	500	18.5	18.5	22	1300	1400

Performance values refer to the following conditions:

- Cooling capacity is measured under the condition : Air inlet temperature DB 27°C/WB 19.5°C ,water inlet temperature 7°C,water temperature difference 5°C;
- Heating capacity is measured under the condition : Air inlet temperature DB 21°C ,water inlet temperature 60°C.

H: Horizontal type, V: Vertical type

Due to FUJIAIR's ongoing commitment to quality, the specifications and dimensions are subject to change without notice and without incurring liability.



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