

PRODUCT SPECIFICATIONS

FDOA SERIES



FDOA			CAPACITY		7.1 KW	10.0 KW	10.0 KW	10.0 KW	12.5 KW	14.0 KW	12.5 KW	14 KW	16 KW	20 KW
Set					FDOA71AVNXAVF	FDOA100VNP1VF2	FDOA100AVNVF2	FDOA100AVNXVF2	FDOA125AVNXVF	FDOA140AVNXVF	FDOA125VSXVF	FDOA140AVSXVF	FDOA160AVSAVF	FDOA200AVSAVG
Indoor					FDOA71VF	FDOA100VF2	FDOA100VF2	FDOA100VF2	FDOA125VF	FDOA140VF	FDOA125VF	FDOA140VF	FDOA160VF	FDOA200VG
Outdoor					FDOA71VNXA	FDC100VNP	FDOA100VN	FDOA100VNX	FDOA125VNX	FDOA140VNX	FDC125VSX	FDOA140VSX	FDOA160VSA	FDOA200VSA
Power Supply	Outdoor Unit				1 Phase 230V 50Hz	1 Phase 230V 50Hz	1 Phase 230V 50Hz	1 Phase 230V 50Hz	1 Phase 230V 50Hz	1 Phase 230V 50Hz	3 Phase 415V 50Hz	3 Phase 415V 50Hz	3 Phase 415V 50Hz	3 Phase 415V 50Hz
Capacity	Cooling T1	kW			7.1 (3.2-8.0)	10.0 (2.8-11.2)	10.0 (4.0-11.2)	10.0 (4.0-11.2)	12.5 (5.0-14.0)	14.0 (5.0-14.5)	12.5 (5.0 - 14.0)	14.0 (5.0-14.5)	16.0 (6.9-20.0)	20.0 (6.9-28.0)
	Heating H1				8.0 (3.6-9.0)	11.2 (2.5-12.5)	11.2 (4.0-12.5)	11.2 (4.0-12.5)	14.0 (4.0-17.0)	16.0 (4.0-18.0)	14.0 (4.0- 17.0)	16.0 (4.0-18.0)	18.0 (5.5-22.4)	22.4(5.5-31.5)
Input	Cooling T1	kW			2.22	2.99	3.05	2.85	3.83	4.44	3.83	4.44	4.83	6.03
	Heating H1				2.22	2.88	2.87	2.74	3.68	4.41	3.68	4.44	4.66	5.5
EER	Cooling T1				3.20	3.34	3.28	3.51	3.26	3.15	3.26	3.15	3.31	3.32
COP	Heating H1				3.60	3.89	3.90	4.09	3.80	3.63	3.8	3.6	3.86	4.07
Sound Pressure Level (JS C9612)	Indoor				P-Hi:38 Hi:33 Me:29 Lo:25	P-Hi:43 Hi:42 Me:40 Lo:37	P-Hi:43 Hi:42 Me:40 Lo:37	P-Hi:43 Hi:42 Me:40 Lo:37	P-Hi:45 Hi:43 Me:41 Lo:37	P-Hi:47 Hi:46 Me:43 Lo:40	P-Hi : 47 Hi : 46 Me : 43 Lo : 40	P-Hi:47 Hi:46 Me:43 Lo:40	P-Hi:49 Hi:48 Me:45 Lo:42	P-Hi:52 Hi:50 Me:47 Lo:45
	Outdoor				51	57	49	48	48	49	48	49	59	59
Sound Power Level (JS C9612)	Outdoor				66	70	70	70	70	72	70	70	73	73
Airflow	Indoor	l/s			P-Hi: 400 Hi: 317 Me: 250 Lo: 167	P-Hi:650 Hi:600 Me:550 Lo:483	P-Hi:650 Hi:600 Me:550 Lo:483	P-Hi:650 Hi:600 Me:550 Lo:483	P-Hi:717 Hi:650 Me:600 Lo:500	P-Hi:850 Hi:800 Me:700 Lo:600	P-Hi:717 Hi:650 Me:600 Lo:500	P-Hi:850 Hi:800 Me:700 Lo:600	P-Hi:850 Hi:800 Me:700 Lo:600	P-Hi:1333 Hi:1200 Me:1067 Lo:933
External Static Pressure		Ps			200	200	200	200	200	200	200	200	200	200
External Dimensions (HXWxD)	Indoor	mm			280x950x635	398x1150x650	398x1150x650	398x1150x650	398x1150x650	398x1150x650	398x1150x650	398x1150x650	398x1150x650	379x1600x893
	Outdoor				750x880(+88)x340	845x970x370	845x970x370	1300x970x370	1300x970x370	1300x970x370	1300x970x370	1300x970x370	1505x970x370	1505x970x370
Net Weight	Indoor	Kg			34	52	52	52	52	52	52	52	52	89
	Outdoor				60	70	81	105	105	105	105	105	143	143
Refrigerant Piping	Liquid Line	mm			Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø12.7	Ø12.7
	Gas Line				Ø15.88	Ø15.88	Ø15.88	Ø15.88	Ø15.88	Ø15.88	Ø15.88	Ø15.88	Ø22.22 , Ø25.4 or Ø28.58*	Ø22.22 , Ø25.4 or Ø28.58*
	Connection Method				Flare Connection	Flare Connection	Flare Connection	Flare Connection	Flare Connection	Flare Connection	Flare Connection	Flare Connection	Liquid: Flare / Gas: Brazing	Liquid: Flare / Gas: Brazing
Refrigerant R410A	Quantity	Kg			2.95	2.55	3.8	4.5	4.5	4.5	4.5	4.5	7.2	7.2
	Pre Charged To Pipe Length	m			30	15	30	30	30	30	30	30	30	30
Maximum Pipe Length		m			50	30	50	100	100	100	100	100	70*	70*
Supply Air Connection		mm			170x880	348x898	348x898	348x898	348x898	348x898	348x898	348x898	348x898	250x1450
Return Air Connection		mm			200x740	348x898	348x898	348x898	348x898	348x898	348x898	348x898	348x898	250x1450
Controller							RC-E5, RC-EX3 or RCN-KIT4-E2							
Safety Pen					UA-SP1-E (Optional)	UA-SP2-E (Optional)	UA-SP2-E (Optional)	UA-SP2-E (Optional)	UA-SP2-E (Optional)	UA-SP2-E (Optional)	UA-SP2-E (Optional)	UA-SP2-E (Optional)	UA-SP2-E (Optional)	NA