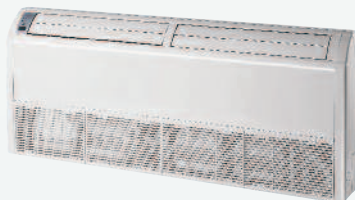


FAD - YUD

Light Commercial Monosplit - DC Inverter Line

Available matching with FAD



FAD024 to 048



IR remote control



Wired control

			Floor-Ceiling conf. FAD024 AWSI-FAD024-N11 AWAU-YUD024-H11	Floor-Ceiling conf. FAD030 AWSI-FAD030-N11 AWAU-YUD030-H11	Floor-Ceiling conf. FAD036 AWSI-FAD036-N11 AWAU-YUD036-H11	Floor-Ceiling conf. FAD036 AWSI-FAD036-N11 AWAU-YUD036-H13	Floor-Ceiling conf. FAD048 AWSI-FAD048-N11 AWAU-YUD048-H13
Indoor units	Indoor units	Power Supply	220-240V~50Hz	220-240V~50Hz	220-240V~50Hz	380-415V~50Hz	380-415V~50Hz
	COOLING						
	Total Capacity	W	6600(3000-7800)	8600(3100-9490)	10000(3500-13000)	10000(3500-13000)	13200(5000-14300)
	Power Input	W	2050	2600	3320	3220	4110
	HEATING						
	Total Capacity	W	7600(2400-8500)	9000(2700-9900)	11000(3500-12500)	11000(3500-12500)	15500(5300-18400)
	Power Input	W	2200	2490	3050	3050	4290
	Air Flow Volume (H/M/L)	m³/h	1200/1000/880	1600/1400/1200	2000/1630/1520	2000/1630/1520	2000/1800/1600
	External Static Pressure	Pa	0	0	0	0	0
	Dehumidifying Volume	l/h	2.5	3	3.8	3.8	5
	EER / C.O.P	W	3.22/3.45	3.31/3.61	3.01/3.61	3.01/3.61	3.21/3.61
	Energy Class		A/B	A/A	B/A	B/A	A/A
	Fan Motor Speed (H/M/L) Cooling	r/min	1200/1000/880	1000/920/820	1280/1140/980/920	1280/1140/980/920	1500/1350/1190/1050
	Heating	r/min	1200/1000/880	1000/920/820	1280/1140/980/920	1280/1140/980/920	1500/1350/1190/1050
	Fan Type-Piece		Centrifugal fan-4	Centrifugal fan-4	Centrifugal fan-4	Centrifugal fan-4	Centrifugal fan-4
Outdoor units	Sound Pressure Level (H/M/L) ⁽¹⁾	dB(A)	52/49/46	50/48/46	54/51/48	54/51/48	58/55/52
	Sound Power Level (H/M/L)	dB(A)	62/59/56	60/58/56	64/61/58	64/61/58	68/65/62
	Dimension (W/H/D)	mm	980x266x721	1420x245x700	1420x245x700	1420x245x700	1700x245x700
	Dimension of Package (W/H/D)	mm	1120x323x795	1545x330x825	1545x330x825	1545x330x825	1825x330x825
	Net Weight /Gross Weight	kg	43/51	51/58	53/61	53/61	65/73
	Part number		7SP012188	7SP012189	7SP012190	7SP012190	7SP012191
	Compressor Type		Twin ROTARY	Twin ROTARY	Twin ROTARY	Twin ROTARY	SCROLL
	Refrigerant Control		EEV	EEV	EEV	EEV	EEV
	Working Temp Range-Cooling	°C	18-48	18-48	18-48	18-48	18-48
	Working Temp Range-Heating	°C	-7-24	-7-24	-7-24	-7-24	-7-24
	Fan Motor Speed (rpm)		780	780	820	820	690
	Air Flow Volume of Outdoor Unit	m³/h	4200	4200	6000	6000	7200
	Fan Type-Piece		Axial fan-1	Axial fan-1	Axial fan-1	Axial fan-1	Axial fan-2
	Sound Pressure Level (H/M/L) ⁽¹⁾	dB(A)	59	59	61	60	65
	Sound Power Level (H/M/L)	dB(A)	69	69	70	70	75
Connection pipe	Dimension (W/H/D)	mm	980x790x427	980x790x427	1107x1100x440	1107x1100x440	1085x1365x427
	Dimension of Package (L/W/H)	mm	1080x840x485	1080x840x485	1155x1220x490	1155x1220x490	1140x1490x475
	Net Weight /Gross Weight	kg	65/70	68/74	86/97	95/100	122/128
	Refrigerant Charge	kg	2.4	2.6	3.5	3.5	4.3
	Part number		7SP061787	7SP061788	7SP061789	7SP061790	7SP061791
	Length of free charge	m	5	5	5	5	5
	Gas additional charge	g/m	60	60	60	60	60
	Liquid Pipe	inch	3/8"	3/8"	3/8"	3/8"	3/8"
	Gas Pipe	inch	5/8"	5/8"	5/8"	5/8"	5/8"
	Maximum vertical Height	m	15	15	15	15	30
	Maximum Pipe Length	m	30	30	30	30	50
	40' Container		70	57	46	46	46
	40' High Cube Container		86	67	49	49	50
	Loading quantity						
	Power supply side (Indoor/Outdoor)		Indoor & outdoor	Indoor & outdoor	Indoor & outdoor	Indoor & outdoor	Indoor & outdoor
Electrical data	Power cable section - Outdoor	mm²	3x2.5	3x4.0	3x4.0	5x2.5	5x4.0
	Power cable section - Indoor	mm²	3x1.5	3x1.5	3x1.5	3x1.5	3x1.5
	Fuse rating am (Indoor / Outdoor)	A	10A/20A	10A/25A	10A/32A	10A/16A	10A/25A
	Electrical connections IDU-ODU	mm²	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75

(1) Sound pressure level measured at 1.0-meter distance from unit.
Rating conditions in accordance to ISO 5151 and ISO 13253 (for ducted units).
Conditions: Nominal cooling capacity: ID/OD (27/19/35/24)
Nominal heating capacity: ID/OD(20/15/7/6)

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DBD/CAD/FAD -
YUD

DC INVERTER

LIGHT COMMERCIAL
MONOSPLIT



Airwell



The YUD serie is major designed for light commercial air-conditioning needs.

PRODUCT ADVANTAGES

- Auto mode / Cooling / Heating / Dehumidification
- Sleep mode (from remote control)
- ON/OFF Timer
- Vertical auto swing (Floor/Ceiling only)
- 4-dimension swing (Cassette only)
- Intelligent Deicing
- Auto restart memory (after power failure)
- Cold air prevention in heating
- Self diagnostic (Error indications) for ease of maintenance
- Available in 1 or 3 phases (depend of models)
- Remote control RC8
 - Low power battery indication
 - I FEEL function
- Wired Remote control
- Centralized control up to 16 units including weekly timer (Optional)
- Optional Water pump for ducted unit (Only DBD-24,36,48)

CAD - YUD

Light Commercial Monosplit - DC Inverter Line

Available matching with CAD



CAD024 to 042



IR remote control



Wired control

			Cassette configuration CAD024 AWSI-CAD024-N11 AWAU-YUD024-H11	Cassette configuration CAD030 AWSI-CAD030-N11 AWAU-YUD030-H11	Cassette configuration CAD036 AWSI-CAD036-N11 AWAU-YUD036-H11	Cassette configuration CAD036 AWSI-CAD036-N11 AWAU-YUD036-H13	Cassette configuration CAD042 AWSI-CAD042-N11 AWAU-YUD042-H13
Indoor units	Indoor units	Power Supply	220-240V~50Hz	220-240V~50Hz	220-240V~50Hz	380-415V~50Hz	380-415V~50Hz
	COOLING						
		Total Capacity	W 7000(2400-8000)	8600(3000-9100)	9600(3000-11500)	9600(3000-11500)	10800(3500-13000)
		Power Input	W 2180	2600	3200	3200	3440
	HEATING						
		Total Capacity	W 8200(3100-9400)	9000(2500-9900)	10500(3500-12800)	10500(3500-12800)	11800(3800-14500)
		Power Input	W 2400	2490	3150	3150	3450
		Air Flow Volume (H/M/L)	m³/h 1400/1270/1170	1660/1570/1500	1660/1570/1500	1650/1570/1500	1650/1570/1500
		External Static Pressure	Pa 0	0	0	0	0
		Dehumidifying Volume	l/h 2.5	3	3.8	3.8	4.2
Outdoor units		EER / C.O.P	W 3.21/3.42	3.31/3.61	3.00/3.33	3.00/3.33	3.14/3.42
		Energy Class	A/B	A/A	B/C	B/C	B/B
		Fan Motor Speed (H/M/L)	Cooling r/min 670/620/570	710/660/610	710/660/610	710/660/610	710/660/610
			Heating r/min 670/620/570	710/660/610	710/660/610	710/660/610	710/660/610
		Fan Type-Piece	Centrifugal fan -1	Centrifugal fan -1	Centrifugal fan -1	Centrifugal fan -1	Centrifugal fan -1
		Sound Pressure Level (H/M/L) ⁽¹⁾	dB(A) 51/49/48	53/51/48	53/51/48	53/51/48	53/51/48
		Sound Power Level (H/M/L)	dB(A) 61/59/58	63/61/58	63/61/58	63/61/58	63/61/58
		Dimension (W/H/D)	mm 840×240×840	840×320×840	840×320×840	840×320×840	840×320×840
		Dimension of Package (W/H/D)	mm 960×310×960	960×394×960	960×394×960	960×394×960	960×394×960
		Net Weight /Gross Weight	kg 28/36	32/43	32/43	32/43	38/46
Connection pipe		Part number	7SP042214	7SP042215	7SP042216	7SP042216	7SP042217
		Compressor Type	Twin ROTARY	Twin ROTARY	Twin ROTARY	Twin ROTARY	Twin ROTARY
		Refrigerant Control	EEV	EEV	EEV	EEV	EEV
		Working Temp Range-Cooling	°C 18-48	18-48	18-48	18-48	18-48
		Working Temp Range-Heating	°C -7-24	-7-24	-7-24	-7-24	-7-24
		Fan Motor Speed (rpm)	780	780	820	820	820
		Air Flow Volume of Outdoor Unit	m³/h 4200	4200	6000	6000	6000
		Fan Type-Piece	Axial fan-1	Axial fan-1	Axial fan-1	Axial fan-1	Axial fan-1
		Sound Pressure Level (H/M/L) ⁽¹⁾	dB(A) 59	59	61	61	61
		Sound Power Level (H/M/L)	dB(A) 69	69	70	70	70
Loading quantity		Dimension (W/H/D)	mm 980×790×427	980×790×427	1107×1100×440	1107×1100×440	1107×1100×440
		Dimension of Package (L/W/H)	mm 1080×840×485	1080×840×485	1155×1220×490	1155×1220×490	1155×1220×490
		Net Weight /Gross Weight	kg 65/70	68/74	86/97	95/100	98/103
		Refrigerant Charge	kg 2.4	2.6	3.5	3.5	3.8
		Part number	7SP061787	7SP061788	7SP061789	7SP061790	7SP61806
		Length of free charge	m 5	5	5	5	5
		Gas additional charge	g/m 60	60	60	60	60
		Liquid Pipe	inch 3/8"	3/8"	3/8"	3/8"	3/8"
		Gas Pipe	inch 5/8"	5/8"	5/8"	5/8"	5/8"
		Maximum vertical Height	m 15	15	15	15	30
Electrical data		Maximum Pipe Length	m 30	30	30	30	50
		40' Container	64	49	46	46	46
		40' High Cube Container	71	69	49	49	69
		Power supply side (Indoor/Outdoor)	Indoor & outdoor	Indoor & outdoor	Indoor & outdoor	Indoor & outdoor	Indoor & outdoor
		Power cable section - Outdoor	mm² 3x4.0	3x4.0	3x4.0	5x2.5	5x2.5
		Power cable section - Indoor	mm² 3x1.5	3x1.5	3x1.5	3x1.5	3x1.5
		Fuse rating am (Indoor / Outdoor)	A 10A/20A	10A/25A	10A/32A	10A/16A	10A/20A
		Electrical connections IDU-ODU	mm² 2x0.75	2x0.75	2x0.75	2x0.75	2x0.75
		(1) Sound pressure level measured at 1.0-meter distance from unit.					
		Rating conditions in accordance to ISO 5151 and ISO 13253 (for ducted units).					

Conditions: Nominal cooling capacity: ID/OD (27/19/35/24)

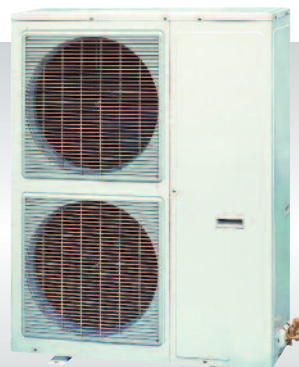
Nominal heating capacity: ID/OD(20/15/7/6)



YUD024-030



YUD042



YUD048-060

DBD - YUD

Light Commercial Monosplit - DC Inverter Line

Available matching with DBD



DBD024 to 060



IR remote control



Wired control

			Ducted conf. DBD024 AWSI-DBD024-N11 AWAU-YUD024-H11	Ducted conf. DBD030 AWSI-DBD030-N11 AWAU-YUD030-H11	Ducted conf. DBD036 AWSI-DBD036-N11 AWAU-YUD036-H11	Ducted conf. DBD036 AWSI-DBD036-N11 AWAU-YUD036-H13	Ducted conf. DBD048 AWSI-DBD048-N11 AWAU-YUD048-H13	Ducted conf. DBD060 AWSI-DBD060-N11 AWAU-YUD060-H13
Indoor units	Power Supply		220-240V~50Hz	220-240V~50Hz	220-240V~50Hz	380-415V~50Hz	380-415V~50Hz	380-415V~50Hz
	COOLING							
	Total Capacity	W	6600(2000-7700)	7800(2700-8300)	9900(3500-11500)	9900(3500-11500)	13200(4900-14100)	15000(6000-17500)
	Power Input	W	2050	2600	3300	3300	4400	5170
	HEATING							
	Total Capacity	W	7200(2400-8000)	8200(2000-9300)	11100(3800-12800)	11000(3800-12800)	15500(5300-18300)	17300(6000-18800)
	Power Input	W	2100	2400	3050	3050	4290	5120
	Air Flow Volume (H/M/L)	m³/h	1500/1400/1250	1500/1400/1250	2300/2110/1850	2300/2110/1850	2600/2200/1800	3150/2800/2200
	External Static Pressure	Pa	25(0-25)	25(0-25)	37(0-50)	37(0-50)	50(0-50)	50(0-50)
	Dehumidifying Volume	l/h	2.3	2.5	3.5	3.5	4.5	5
Outdoor units	EER / C.O.P	W	3.21/3.41	3.00/3.42	3.00/3.61	3.00/3.61	3.00/3.61	2.90/3.38
	Energy Class		A/B	B/B	B/A	B/A	B/A	C/C
	Fan Motor Speed (H/M/L)	r/min	1250/1220/1060	1250/1220/1060	1320/1090/910	1320/1090/910	1320/1090/910	930/830/650
		r/min	1250/1220/1060	1250/1220/1060	1320/1090/910	1320/1090/910	1320/1090/910	930/830/650
	Fan Type-Piece		Centrifugal fan-2	Centrifugal fan-2	centrifugal fan-2	centrifugal fan-2	Centrifugal fan-2	Centrifugal fan-2
	Sound Pressure Level (H/M/L) ¹⁾	dB(A)	47/44/42	47/44/52	53/50/46	53/50/46	56/53/49	57/54/51
	Sound Power Level (H/M/L)	dB(A)	57/54/52	57/54/52	63/60/56	63/60/56	66/63/59	67/64/61
	Dimension (W/H/D)	mm	1270x268x530	1270x268x530	1226x290x775	1226x290x775	1226x330x815	1226x330x788
	Dimension of Package (W/H/D)	mm	1345x283x594	1345x283x594	1335x305x834	1335x305x834	1335x345x882	1335x345x882
	Net Weight /Gross Weight	kg	36/43	40/46	57/67	57/67	66/76	66/76
Outdoor units	Part number		7SP032122	7SP032123	7SP032124	7SP032125	7SP032125	7SP032126
	Compressor Type		Twin ROTARY	Twin ROTARY	Twin ROTARY	Twin ROTARY	SCROLL	SCROLL
	Refrigerant Control		EEV	EEV	EEV	EEV	EEV	EEV
	Working Temp Range-Cooling	°C	18-48	18-48	18-48	18-48	18-48	18-48
	Working Temp Range-Heating	°C	-7-24	-7-24	-7-24	-7-24	-7-24	-7-24
	Fan Motor Speed (rpm)		780	780	820	820	690	800
	Air Flow Volume of Outdoor Unit	m³/h	4200	4200	6000	6000	7200	7200
	Fan Type-Piece		Axial fan-1	Axial fan-1	Axial fan-1	Axial fan-1	Axial fan-2	Axial fan-2
	Sound Pressure Level (H/M/L) ¹⁾	dB(A)	59	59	61	61	65	65
	Sound Power Level (H/M/L)	dB(A)	69	69	70	70	75	75
Connection pipe	Dimension (W/H/D)	mm	980x790x427	980x790x427	1107x1100x440	1107x1100x440	1085x1365x427	1085x1365x427
	Dimension of Package (L/W/H)	mm	1080x840x485	1080x840x485	1155x1220x490	1155x1220x490	1140x1490x475	1140x1490x475
	Net Weight /Gross Weight	kg	65/70	68/74	86/97	95/100	122/128	138/150
	Refrigerant Charge	kg	2.4	2.6	3.5	3.5	4.3	5.5
	Part number		7SP061787	7SP061788	7SP061789	7SP061790	7SP061791	7SP061792
	Length of free charge	m	5	5	5	5	5	5
	Gas additional charge	g/m	60	60	60	60	120	60
	Liquid Pipe	inch	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
	Gas Pipe	inch	5/8"	5/8"	5/8"	5/8"	5/8"	3/4"
	Maximum vertical Height	m	15	15	15	15	30	30
Loading quantity	Maximum Pipe Length	m	30	30	30	30	50	50
	40' Container		73	76	46	46	46	40
Electrical data	40' High Cube Container		85	89	49	49	49	48
	Power supply side (Indoor/Outdoor)		Indoor & outdoor	Indoor & outdoor	Indoor & outdoor	Indoor & outdoor	Indoor & outdoor	Indoor & outdoor
	Power cable section - Outdoor	mm²	3x4.0	3x4.0	3x4.0	5x2.5	5x4.0	5x4.0
	Power cable section - Indoor	mm²	3x1.5	3x1.5	3x1.5	3x1.5	3x1.5	3x1.5
	Fuse rating am (Indoor / Outdoor)	A	10A/20A	10A/25A	10A/32A	10A/16A	10A/25A	10A/25A
Electrical data	Electrical connections IDU-ODU	mm²	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75

(1) Sound pressure level measured at 1.0-meter distance from unit.

Rating conditions in accordance to ISO 5151 and ISO 13253 (for ducted units).

Conditions: Nominal cooling capacity: ID/OD (27/19/35/24)

Nominal heating capacity: ID/OD(20/15/7/6)