

Airdach

Heating &
Air Conditioning

Inverter Mini Splits



Up to **20.5 SEER**
8.5 HSPF

Affordable **comfort**
& **energy savings**

STANDARD FEATURES & BENEFITS



Soft Start



Auto Clean



Intelligent
Defrosting



Timer Function



Three Sleep Mode
Curves



Wifi
Connectivity



Vertical/Horizontal Auto
Swing Air Dispenser



Turbo Cooling



Self-Diagnosis

9K, 12K, 18K, 24K, & 36K BTU capacities available



Professional installation required - R32 Refrigerant 115v & 220v Applications - Up to 20.5 SEER 8.5 HSPF
Consult your air conditioning professional for details.

OLDACH
REFRIGERATION, AIR CONDITIONING & VENTILATION SUPPLIER

PRODUCT SPECIFICATIONS

	INDOOR	AIWH0900VR1-A3	AIWH0900VR1-D3	AIWH1200VR1-A3	AIWH1200VR1-D3	AIWH1800VR1-D3	AIWH2400VR1-D3	AIWH3600VR1-D3
	OUTDOOR	ACSH0920VR1-A3	ACSH0920VR1-D3	ACSH1219VR1-A3	ACSH1219VR1-D3	ACSH1820VR1-D3	ACSH2419VR1-D3	ACSH3621VR1-D3
Power Supply	Electrical	115v/1Ph/60Hz	208v-230v/1Ph/60Hz	115v/1Ph/60Hz	208v-230v/1Ph/60Hz	208v-230v/1Ph/60Hz	208v-230v/1Ph/60Hz	208v-230v/1Ph/60Hz
Rated Cooling Capacity	BTU/h	9,100	9,100	12,000	12,000	18,000	24,000	33,600
Rated Heating Capacity	BTU/h	10,000	10,000	12,000	12,000	19,100	24,000	34,000
Cooling Modulation	BTU/h	2,700-11,600	2,388-10,300	3,070-13,300	3,070-13,300	3,753-20,300	5,800-26,270	7,850-37,500
Heating Modulation	BTU/h	2,400-13,300	2,217-13,136	3,070-14,600	3,070-14,600	2,730-22,500	5,400-26,600	10000
SEER2	Rating	20,5	20,5	19	19	20	19	21
HSPF2	Rating	8,8	8,8	8,5	8,5	8,5	8,5	8,5
EER	(BTU/h)/W	11,9	12,5	9,3	9,75	12,35	11,9	10,6
COP	(BTU/h)/W	12,4	13	11,95	11,95	13,31	12,3	10,4
Cooling Speed	r/min	1350/1150/1100/1000/950/850/750	1350/1150/1100/1000/950/850/750	1550/1200/1120/1050/980/920/750/500	1550/1200/1120/1050/980/920/750/500	1350/1200/1120/1050/980/860/750	1350/1200/1100/1000/950/900/850	1450/1150/1100/1000/950/900/850
Heating Speed	r/min	1300/1100/1050/1000/950/850/800	1300/1100/1050/1000/950/850/800	1450/1200/1140/1080/1020/960/900	1450/1200/1140/1080/1020/960/900	1350/1200/1120/1050/950/850/750	1350/1200/1100/1000/950/900/850	1450/1200/1100/1050/1000/950/850
Cooling Power Input	W	762	729	1286	1231	1500	2010	3169
Min. Cooling Power Input	W	200	180	180	180	200	500	700
Max. Cooling Power Input	W	1150	1050	1550	1550	2300	2400	4000
Heating Power Input	W	803	771	1004	1004	1435	1950	3267
Min. Heating Power Input	W	200	180	180	180	260	400	650
Max. Heating Power Input	W	1500	1300	1650	1650	2300	2600	4000
Rated Input	W	1500	1300	1650	1650	2300	2600	4000
Cooling Current Input	A	8,59	3,4	13,81	5,58	6,65	9	13,5
Heating Current Input	A	8,88	3,65	10,78	4,55	6,4	9	14,7
Rated Cooling Current	A	12,5	6,5	14,34	7,02	9,5	11	20
Rated Heating Current	A	15,4	7	14,64	7,47	9,5	12	20
Rated Current	A	15,4	7	14,64	7,47	9,5	12	20
Max. Over Current Protection	A	20	15	20	15	15	20	35
Min. Current (MCA)	A	19	10	19	12	13	15	24
Heater Power Input	W	68	72	-	-	-	-	-
Heater Current Input	A	0,66	0,3	-	-	-	-	-
Indoor Unit Model								
Indoor Unit Fan Motor Power Output	W	20	20	35	55	50	50	60
Indoor Unit Fan Motor RLA	A	0,39	0,4	0,7	0,7	0,7	0,6	0,7
Fuse Current	A	3,15	3,15	3,15	3,15	3,15	3,15	3,15
Set Temperature Range	°F	61~86	61~86	61~86	61~86	61~86	61~86	61~86
Indoor Unit Dimension (W)	inch	32 5/6/64	32 7/8	32 7/8	32 7/8	37 1/8	42 7/16	42 7/16
Indoor Unit Dimension (H)	inch	10 53/64	10 53/64	10 53/64	10 53/64	13 7/64	13 7/64	13 7/64
Indoor Unit Dimension (D)	inch	7 56/64	7 7/8	7 7/8	7 7/8	9 11/16	9 11/16	9 11/16
Indoor Unit Net Weight	lb	19,8	19,8	19,8	19,8	28,7	33,1	34,2
Outdoor Unit Model								
Compressor Type	-	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Compressor LRA	A	-	-	-	-	20	35	40
Compressor RLA	A	13,7	6,5	14	8	8,5	10	16
Compressor Power Input	W	630	630	857	857	953	1330	2294
Fan Motor RLA	A	0,61	0,65	0,8	0,8	0,8	1	1,7
Cooling Operation Ambient Temperature Range	°F	0~118	0~118	0~118	0~118	0~118	0~118	-4~122
Heating Operation Ambient Temperature Range	°F	-13~75	-13~75	-13~75	-13~75	-13~75	-13~75	-13~75
Throttling Method	Type	Capillary	Capillary	Capillary	Capillary	Capillary	Capillary	Electronic Expansion Valve
Outdoor Unit Sound Power Level (H)	dB (A)	61	61	62	62	67	68	72
Outdoor Unit Dimension (W)	inch	28 52/64	28 13/16	28 13/16	28 13/16	31 37/64	37 23/32	39 24/64
Outdoor Unit Dimension (H)	inch	21 54/64	21 27/32	21 27/32	21 27/32	21 27/32	25 63/64	29 24/64
Outdoor Unit Dimension (D)	inch	12 63/64	12 63/64	12 63/64	12 63/64	13 25/32	15 53/64	16 52/64
Outdoor Unit Net Weight	lb	55,1	52,9	58,4	56,2	70,6	93,7	122,4
Refrigerant	Type	R32	R32	R32	R32	R32	R32	R32
Refrigerant Charge	oz	18,7	18,7	17,6	17,6	32,5	42,3	56,4
Connection Pipe Length	ft	24,6	24,606	24,6	24,6	24,6	24,6	24,6
Connection Pipe Gas Additional Charge	oz/ft.	0,2	0,2	0,2	0,2	0,2	0,1	0,4
Outer Diameter of Liquid Pipe	inch	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
Outer Diameter of Gas Pipe	inch	3/8"	3/8"	3/8"	3/8"	1/2"	1/2"	5/8"
Max Distance Height	ft	40	39,4	40	40	82	82	82
Max Distance Length	ft	65	65,6	65,6	65,6	131,2	131,2	131,2