

# AIRREX AIR CONDITIONER SPECIFICATIONS

Comparison of Specification by AIRREX AIR Conditioner Model

### Water Cooled



### Air Cooled



### Spot Cooler



Items	Unit	HWC-15	HWC-19	HSC-10W	HSC-11	HSC-14	HSC-18	HSC-24A	HSC-36B	HSC-60	HSC-70	HSC-140	HSC-200	HSC-300	
Cooling Capacity	BTU/h	13,800	18,200	10,000	11,000	13,600	16,800	23,500	36,000	60,000	84,000	145,000	200,000	300,000	
Power Supply	Volts	1ph/115V/60Hz			1ph/115V/60Hz				1ph/220V/60Hz		1ph/220V/60Hz 3ph/220V/60Hz 3ph/480V/60Hz	3ph/480v/60Hz			
Size (WxDxH)	inch.	17.7x22.8x42	17.7x22.8x42	20.3x17.5x22.7	16.5x19x37	19.3x23.6x46.8	19.3x23.6x49.8	19.3x23.6x51.3	29.1x33x54.5	29.1x55.1x58.7	29.1x55.1x58.7	31x62x58.7	72.8x114x57.5	81x130x71	
Weight	lbs	159	163	96.6	110	176	185	210	396.5	550	550	1,250	3,197	4,630	
Current Consumption(Amps)	A	9.6	12.6	12	10.5	13	17	12.6	21.9	42(1ph/220V) 23.5(3ph/220V) 12.6(3ph/480V)	15.4	30	40	50	
Circuit Breaker Size(Amps)	A	15	15	15	15	15	20	15	30	50/30/15	20	50	-	-	
Rated Power Consumption (Cooling)	kW	1.1	1.5	1.43	1.3	1.5	1.9	2.74	4.62	9.0/10.4(480V)	12.8	23	27	35	
Compressor Input	kW	1.13	1.45	1.03	1.03	1.13	1.45	2.3							
Air Flow (CMP,High/Low) Evaporator	CFM	450/400	514/450	212	195	440/380	460/400	460/400	943	1940/1770	2200/1800	5,200	5,650	8,476	
Air Flow (CMP,High/Low) Condenser	CFM	283	283	283	283	706/777	777/920	1,060/920	1,760/1,550	2,830	3,200	7,000	11,300	16,952	
Motor Input	kW	0.18	0.27	0.27	0.18	0.16	0.38	0.44	1.2	1.5	1.7	2	2.2	3.75	
Air Filter		Aluminum Filter		Vinyl Chloride			Aluminum Filter		Aluminum Filter					Polyester Filter	
Nema Plug		5-15	5-15	5-15	5-15	5-15	5-20	6-20	6-30	6-50 (1ph 220V)					
Safety Device		<ul style="list-style-type: none"> <li>• High/Low Pressure Switch</li> <li>• Automatic Full Tank Shut-Off</li> <li>• Tank Position Detector (only HSC-14/18/24A)</li> </ul>						<ul style="list-style-type: none"> <li>• 3min. Delay Timer</li> <li>• Thermostat Protector for Compressor</li> <li>• Fan Motor Protection</li> </ul>						<ul style="list-style-type: none"> <li>• High/Low Pressure Switch</li> <li>• Fan Motor Protection</li> <li>• Thermostat &amp; Relief Valve for Compressor</li> </ul>	
Static Pressure	psi	426	426			426	426	426	426	710	710	780	1,136~1,420	1,136~1,704	
Power Cord	type	Plug Type						Terminal Type							
Power Cord Length	ft	9.8	9.8	6.6	6.6	9.8	9.8	9.8	32.8	32.8	32.8	164	164	164	
Outlet Air Velocity	ft/sec	37~33	42~37	17.8	21~18	37~32	38~33	38~33	23	46	46	55	82	82	
Outlet Temp. Difference	°F	50~59			50~59				50~59						
Refrigerant	lbs	R-410A(1.1)	R-410A(1.32)	R-410A(0.88)	R-410A(1.1)	R-410A(1.33)	R-410A(1.76)	R-410A(2.97)	R-410A(5.07)	R-410A(7.72)	R-410A(8.82)	R-410A	R-410A	R-410A	
Operating Conditions	°F	72°F DB 60%RH ~113°F DB 40%RH						72°F DB 60%RH ~113°F DB 40%RH							
Maximum Duct Length	ft	30	30	9.8	-	30	30	30	65.6	65.6	65.6	120	164	164	
Water Flow at 55°F	GPM	2.9	3.96												

The specification and design of the product above are subject to change for the performance improvement without notice.

## ACCESSORIES



Flexible Duct  
Dia. 5inch x 9.8ft



Flexible Duct  
Dia. 5inch x 12inch



Damper Base



Duct Cover



Connection  
Flange



Aluminum Filter  
for Evaporator



Aluminum Filter  
for Condenser



Condensate Water  
Tank(5gal)



Remote Control  
Kit



Indoor Temperature  
Sensor(16ft)



Condensate  
Pump Kit



Warm Air Duct  
Dia. 12inch x 16ft