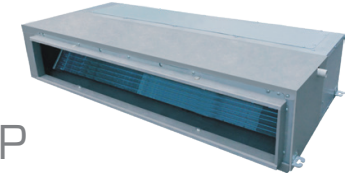


Specification



Ducted Unit Medium ESP

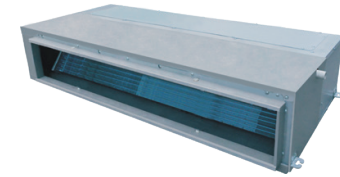
R410A Heat Pump

Indoor unit			AP.DUC-18YS1-D	AP.DUC-24YS1-D	AP.DUC-30YS1-D	AP.DUC-36YS1-D	AP.DUC-36YS1-E	AP.DUC-48YS1-D	AP.DUC-60YS1-D
Power supply		V/N/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Capacity			∨	∨	∨	∨	∨	∨	∨
Cooling	Capacity	Btu/h	18000	24000	30000	36000	36000	48000	60000
		TR	1.5	2	2.5	3	3	4	5
	EER	W/W	2.65	2.78	2.80	2.69(2.56)	2.69	2.62	2.65
Heating	Capacity	Btu/h	19800	26000	32000	39000	39000	52000	60000
		TR	1.7	2.2	2.7	3.3	3.3	4.3	5
	COP	W/W	3.24	3.42	3.11	2.84(2.95)	2.84	2.79	2.61
Physical data			∨	∨	∨	∨	∨	∨	∨
Indoor air flow	m ³ /h		900	1200	1800	1500	1500	2000	2000
Static pressure	Pa		30-80	30-70	30-70	30-70	30-70	30-70	30-70
Indoor noise level(Hi/Med/Lo)	dB(A)		48/44/40	48/44/40	50/45/40	48/44/40	50/45/40	50/45/40	50/45/40
Dimension(WxHxD)	mm		1190x260x643	1190x260x643	1190x260x643	1190x260x643	1425x260x643	1425x260x643	1425x260x643
Packing dimension(WxHxD)	mm		1255x325x720	1255x325x720	1255x325x720	1255x325x720	1490x325x720	1490x325x720	1490x325x720
Net/Gross weight	kg		32/36	33/37	32/36	33/37	44/48	44/48	44/48
Piping data			∨	∨	∨	∨	∨	∨	∨
Liquid side/Gas side	mm		Φ6.35/Φ12.7	Φ9.52/Φ15.88	Φ9.52/Φ15.88	Φ9.52/Φ19.05	Φ9.52/Φ19.05	Φ9.52/Φ19.05	Φ9.52/Φ19.05
Drainage pipe	mm		DN25						
Application area	m ²		20-35	28-50	30-50	40-70	40-70	55-95	60-105
Stuffing quantity (Set)	40' HQ		100	100	100	100	70	60	60

Note

- 1.The cooling condition: T1 condition: indoor side 27°C(80.6°F) DB, 19°C(60°F) WB, outdoor side 35°C(95°F) DB;
- 2.The heating condition: indoor side 20°C(68°F) DB, 15°C(44.6°F) WB, outdoor side 7°C(42.8°F) DB
- 3.Sound level: measured at a point 1m in front of the unit at a height of 1.3m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- 4.The above data may be changed without notice for future improvement on quality and performance.

Specification



Ducted Unit Medium ESP

R410A Cooling Only

Indoor unit			AP.DUC-18DS1-D	AP.DUC-24DS1-D	AP.DUC-30DS1-D	AP.DUC-36DS1-D	AP.DUC-36DS1-E	AP.DUC-48DS1-D	AP.DUC-60DS1-D
Power supply		V/N/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Capacity			∨	∨	∨	∨	∨	∨	∨
Cooling	Capacity	Btu/h	18000	24000	30000	36000	36000	48000	60000
		TR	1.5	2	2.5	3	3	4	5
	EER	W/W	2.65	2.68	2.80	2.69 (2.56)	2.69	2.62	2.65
Physical data			∨	∨	∨	∨	∨	∨	∨
Indoor air flow(Hi/Med/Lo)		m ³ /h	900/750/640	1200/980/720	1800/1600/1450	1500/1150/960	1900/1600/1300	2000/1700/1400	2000/1700/1400
Static pressure		Pa	30-80	30-70	30-70	30-70	30-70	30-70	30-70
Indoor noise level(Hi/Med/Lo)		dB(A)	48/44/40	48/44/40	50/45/40	47/44/40	50/45/40	50/45/40	50/45/40
Dimension(WxHxD)		mm	1190×260×643	1190×260×643	1190×260×643	1190×260×643	1425×260×643	1425×260×643	1425×260×643
Packing dimension(WxHxD)		mm	1255×325×720	1255×325×720	1255×325×720	1255×325×720	1490×325×720	1490×325×720	1490×325×720
Net/Gross weight		kg	33/36	32/36	32/36	33/37	44/48	46/50	46/50
Piping data			∨	∨	∨	∨	∨	∨	∨
Liquid side/Gas side		mm	Φ6.35/Φ12.7	Φ9.52/Φ15.88	Φ9.52/Φ15.88	Φ9.52/Φ19.05	Φ9.52/Φ19.05	Φ9.52/Φ19.05	Φ9.52/Φ19.05
Drainage pipe		mm	DN25						
Application area		m ²	20-35	28-50	30-50	40-70	40-70	55-95	60-105
Stuffing quantity [Set]		40' HQ	100	100	100	70	60	60	60

Note

- 1.The cooling condition: T1 condition: indoor side 27°C(80.6°F) DB, 19°C(60°F) WB, outdoor side 35°C(95°F) DB;
- 2.The heating condition: indoor side 20°C(68°F) DB, 15°C(44.6°F) WB, outdoor side 7°C(42.8°F) DB
- 3.Sound level: measured at a point 1m in front of the unit at a height of 1.3m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- 4.The above data may be changed without notice for future improvement on quality and performance.

Ducted Unit Medium ESP

Features

 Ultra-thin body design.

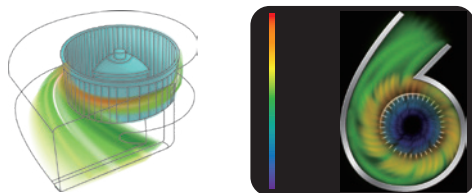


Medium ESP Type

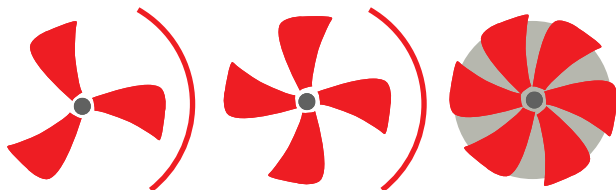


18K-60K Btu/h

 Adopting aviation centrifugal fan blade with special air tunnel design, as well as fan motor anti-vibration measure, benefit to increase air flow and decrease the noise.



 Three fan speed, meeting different requirements.



 Multi protection and auto-restart function.

Wired
(Standard)




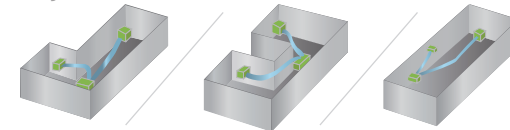
Wired
(Optional)





Wireless
(Optional)

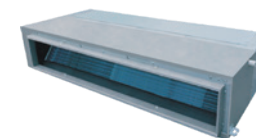


 30Pa ESP design for the medium static pressure duct type, duct connected installation meet for different room structure (Can be customized to 70Pa ESP).



 Filter is optional, it can be taken out easily for clean.

 Body-side is E-box, convenient installation and maintenance.



 Air return method is optional by actual installation, from rear or from bottom.

