



R410a Eco-friendly Refrigerant

The eco-friendly, fluoride-free refrigerant R410a protects the ozone layer, ensures higher efficiency and enhances energy-saving.

Specification

R410A On / Off



Model			XAIU-R1-9CH	XAIU-R1-12CH	XAIU-R1-18CH	XAIU-R1-24CH	XAIU-R1-30CH
Power supply		V/Ph/Hz	220-240V/50Hz	220-240V/50Hz	220-240V/50Hz	220-240V/50Hz	220-240V/50Hz
Capacity	Cooling	Btu/h	9000	12000	18000	24000	30000
		W	2780	3000	5100	7200	8800
	Heating	Btu/h	9000	12000	18000	24000	30000
		W	2780	3200	5500	7400	9200
Power Input	Cooling	W	860	930	1590	2240	3000
	Heating	W	770	885	1600	2160	2950
Operating Current	Cooling	A	3.9	3.9	6.8	10.1	13
	Heating	A	3.4	3.7	6.9	9.7	12.8
EER		W/W	3.23	3.22	3.21	3.21	2.93
COP		W/W	3.61	3.61	3.44	3.43	3.12
Air Flow	Indoor unit	m ³ /h	500	550	800	1050	1400
Noise Level	Indoor unit	dB(A)	29-39	31-40	37-44	42-48	48-53
	Out door unit	dB(A)	51	53	54	56	59
Net Dimension (WxDxH)	Indoor unit	mm	745x250x195	745x250x195	900x292x215	1080x302x220	1300x332x245
	Out door unit	mm	700x220x500	715x235x540	795x255x540	870x310x700	970x370x790
Net Weight	IDU/ODU	Kg	9/25	9/27	13/38	16/58	22/73
Packing Dimension (WxDxH)	Indoor unit	mm	835x330x278	835x330x278	983x377x300	1275x392x315	1515x428x345
	Out door unit	mm	825x320x550	851x345x600	920x335x595	990x410x780	1120x485x900
Gross Weight	IDU/ODU	Kg	11/29	11/32	15/42	20/64	73-82
Gas		mm	Ø9.52	Ø9.52	Ø12	Ø15.88	Ø15.88
Liquid		mm	Ø6.0	Ø6.0	Ø6.0	Ø9.52	Ø9.52
Max. Refrigerant pipe length /Max. difference in level		m	15/5	15/5	15/5	15/5	15/5

Medium ESP Ducted Unit

24K-60K Btu/h



Specification

R22 Heating Pump

Indoor Unit			XDS-I-24CH	XDS-I-30CH	XDS-I-36CH	XDS-I-48CH	XDS-I-60CH
Power supply		V/Ph/Hz	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	24000	30000	36000	48000	60000
		KW	7.1	8.8	10.5	14	16
	Input	W	190	250	340	340	340
	Rated current	A	0.9	1.2	1.6	1.6	1.6
	EER	W/W	2.82	2.59	2.54	2.51	2.65
Heating	Capacity	Btu/h	26000	32000	39000	52000	60000
		KW	7.8	9.3	11.5	15.4	16.6
	Input	W	190	250	340	340	340
	Rated current	A	0.9	1.2	1.6	1.6	1.6
	COP	W/W	3.35	2.93	2.87	2.82	2.61
Physical data							
Indoor air flow (Hi/Med/Lo)	m ³ /h	1150/1000/820	1350/1050/950	1900/1600/1300	2000/1700/1400	2150/1800/1520	
Static Pressure	Pa	30~70	30~70	30~70	30~70	30~70	
Indoor noise level (Hi/Med/Lo)	dB(A)	48/44/40	50/45/40	50/45/40	50/45/40	50/45/40	
Dimension (WxHxD)	mm	1190x260x643	1190x260x643	1425x260x643	1425x260x643	1425x260x643	
Packing dimension (WxHxD)	mm	1255x325x720	1255x325x720	1490x325x720	1490x325x720	1490x325x720	
Net/Gross weight	Kg	32/36	32/36	44/48	46/50	46/50	
Refrigerant type		R22	R22	R22	R22	R22	
Piping data							
Liquid side/Gas side	mm	Ø9.52/Ø15.88	Ø9.52/Ø15.88	Ø9.52/Ø15.88	Ø9.52/Ø15.88	Ø9.52/Ø15.88	
Drainag pipe	mm	DN25	DN25	DN25	DN25	DN25	
Application area	m ²	28-50	35-60	40-70	55-95	60-105	

R410A Heating Pump



Indoor Unit			XDS-IR1-24CH	XDS-IR1-36CH	XDS-IR1-48CH	XDS-IR1-60CH
Power supply		V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Capacity						
Cooling	Capacity	Btu/h	24000	36000	48000	60000
		KW	7.1	10.5	14	16
	Input	W	250	300	340	340
	SEER	A	1.1	1.4	1.6	1.6
	EER	W/W	2.68	2.62	2.56	2.65
Heating	Capacity	Btu/h	26000	39000	52000	60000
		KW	7.7	11.5	15.2	16.0
	Input	W	250	300	340	340
	SCOP	A	1.1	1.4	1.6	1.6
	COP	W/W	3.28	3.18	2.79	2.61
Physical data						
Indoor air flow (Hi/Med/Lo)	m ³ /h	1200/980/720	1900/1600/1300	2000/1700/1400	2000/1700/1400	
Static Pressure	Pa	30~70	30~70	30~70	30~70	
Indoor noise level (Hi/Med/Lo)	dB(A)	48/44/40	50/45/40	50/45/40	50/45/40	
Dimension (WxHxD)	mm	1189x260x643	1425x260x643	1425x260x643	1425x260x643	
Packing dimension (WxHxD)	mm	1255x325x720	1490x325x720	1490x325x720	1490x325x720	
Net/Gross weight	Kg	32/37	44/48	44/48	44/48	
Refrigerant type		R410A	R410A	R410A	R410A	
Piping data						
Liquid side/Gas side	mm	Ø9.52/Ø15.88	Ø9.52/Ø19.05	Ø9.52/Ø19.05	Ø9.52/Ø19.05	
Drainag pipe	mm	DN25	DN25	DN25	DN25	
Application area	m ²	28~50	40~70	55~95	60~105	