

Model	Indoor		AS25QUA1-H	AS35QUA1-H	AS50QUA1-H	AS71QUA1-H
	Outdoor		1U25QUA1	1U35QUA1	1U50QUA1	1U71QUA1
Cooling						
Capacity	Nominal (Min-Max)	Btu/h	9215(2730-12280)	12285(2730-13650)	18080(6830-21500)	24060(7170-27230)
	Nominal	kW	2.7	3.6	5.3	7.05
	Range(Min-Max)	kW	(0.8-3.6)	(0.8-4.0)	(2.0-6.3)	(2.1-8.0)
Energy Efficiency	SEER		8.50	8.50	8.50	8.50
Energy Efficiency	EER		3.80	3.23	3.50	3.60
Energy Class			A+++	A+++	A+++	A+++
Pdesign Capacity		kW	2.7	3.3	5.3	7.05
Power Input	Nominal	kW	0.711	1.114	1.510	1.960
Power Input	Range (Min-Max)	kW	(0.4-1.06)	(0.4-1.31)	(0.21-2.2)	(0.32-2.9)
Annual Energy Consumption		kWh/a	111	136	218	290
Operating Limits	Min-Max	°C	-20-43°(out)	-20-43°(out)	-20-43°(out)	-20-43°(out)
Heating						
Capacity	Nominal (Min-Max)	Btu/h	10570(2730-14660)	13300(2730-15350)	19790(4610-23200)	25250(5120-29000)
Capacity	Nominal	kW	3.1	3.9	5.8	7.4
Capacity	Range(Min-Max)	kW	(0.8-4.3)	(0.8-4.5)	(1.35-6.8)	(1.5-8.5)
Energy Efficiency	SCOP		4.60	4.60	4.60	4.60
Energy Efficiency	COP (Mild)		3.71	3.71	4.00	3.80
Energy Efficiency	SCOP (Warm/Cold)		5.10/-	5.10/-	5.40/-	5.40/-
Energy Class	Mild/Warm/Cold		A++/A+++/-	A++/A+++/-	A++/A+++/-	A++/A+++/-
Pdesign Capacity (-10)		kW	2.4	2.8	4.6	5.6
Power Input	Nominal	kW	0.835	1.051	1.450	1.950
Power Input	Range(Min-Max)	kW	(0.4-1.39)	(0.4-1.53)	(0.5-2.7)	(0.6-3.2)
Annual Energy Consumption		kWh/a	730	852	1400	1704
Operating Limits			-20-24°C(out)	-20-24°C(out)	-20-24°C(out)	-20-24°C(out)
Power Supply	Ph/V/Hz		1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
	Position		outdoor	outdoor	outdoor	outdoor
Indoor						
Net Dimension	W/D/H	mm	805*292*200	805*292*200	975*220*318	1105*240*335
Package Dimension	W/D/H	mm	876*365*272	876*365*272	1050*397*301	1185*428*331
Net/Shipping Weight		kg	8.1/10.3	8.6/10.8	11.6/14.4	15.4/18.9
Air Flow (Cooling/Heating)	Max	m³/h	610/550	670	930/980	1180/1140
Sound Power Level	Cooling (Hi)	dB(A)	56	60	60	65
	Heating (Hi)	dB(A)	56	60	60	65
Sound Pressure Level	Cooling (Hi/Mid/Lo/So)	dB(A)	37/32/28/18	38/33/29/18	44/40/35/28	47/45/37/29
	Heating (Hi/Mid/Lo/So)	dB(A)	37/32/28/18	38/33/29/18	44/40/35/28	47/45/37/29
Moisture Removal		10-3m³/h	1.2	1.4	2.3	3.0
Outdoor						
Compressor			HIGHLY	HIGHLY	HIGHLY	HIGHLY
Net Dimension	W/D/H	mm	700*245*544	800*280*553	820*306*642	890*340*705
Package Dimension	W/D/H	mm	819*320*592	902*375*614	940*390*697	1046*460*780
Net/Shipping Weight		kg	24.6/27	28.5/31.4	37.8/40.5	43.0/47.0
Air Flow (Cooling/Heating)	Max	m³/h	2100	2300	2700	3000
Sound Power Level	Hi	dB(A)	62	65	66	70
Sound Pressure Level	Hi	dB(A)	49	51	54	58
Running Current	Max	A	6.31	6.95	12.3	14.5
Refrigerant Type	R410a/R32		R32	R32	R32	R32
Refrigerant Charge	R410a/R32	g	580	650	1200	1350
Refrigerant Pipe	Liquid Side Diameter	mm	6.35	6.35	6.35	6.35
	Gas Side Diameter	mm	9.52	9.52	12.7	15.88
	Max Pipe Length/Height	m	20/10	20/10	25/15	25/15
	Max Pipe Length without Additional Charge	m	7	7	7	7
	Additional Charge	g/m	20	20	20	20