

Model	Indoor		AS25SAT1-W	AS35SAT1-W	AS50SAT1-W
	Outdoor		US25SAT1	US35SAT1	US50SAT1
<b>Cooling</b>					
Capacity	Nominal (Min-Max)	Btu/h	8870(2730-11600)	11940(2730-12965)	18085(6825-21495)
	Nominal	kW	2.6	3.5	5.3
	Range(Min-Max)	kW	2.60(0.8-3.4)	3.50(0.8-3.8)	5.30(2.0-6.3)
Energy Efficiency	SEER		8.80	8.51	8.51
Energy Efficiency	EER		4.00	3.31	3.71
Energy Class			A+++	A+++	A+++
Pdesign Capacity		kW	2.6	3.2	5.3
Power Input	Nominal	kW	0.650	1.057	1,428
Power Input	Range (Min-Max)	kW	(0.3-1.2)	(0.3-1.3)	(0.21-2.2)
Annual Energy Consumption		kWh/a	103	132	218
Operating Limits	Min-Max	°C	-20-50°(out)	-20-50°(out)	-20-50°(out)
<b>Heating</b>					
Capacity	Nominal (Min-Max)	Btu/h	10235(2385-12625)	12625(2385-13650)	20130(4605-23200)
Capacity	Nominal	kW	3.0	3.7	5.9
Capacity	Range(Min-Max)	kW	(0.7-3.7)	(0.7-4.0)	(1.35-6.8)
Energy Efficiency	SCOP		4.60	4.60	4.60
Energy Efficiency	COP (Mild)		3.71	3.41	4.00
Energy Efficiency	SCOP (Warm/Cold)		5.50/-	5.6/-	5.40/-
Energy Class	Mild/Warm/Cold		A++/A+++/-	A++/A+++/-	A++/A+++/-
Pdesign Capacity (-10)		kW	2.5	2.8	4.7
Power Input	Nominal	kW	0.808	1,085	1,475
Power Input	Range(Min-Max)	kW	(0.3-1.4)	(0.3-1.4)	(0.5-2.7)
Annual Energy Consumption		kWh/a	761	852	1430
Operating Limits			-20-24(out)	-20-24(out)	-20-24(out)
Power Supply	Ph/V/Hz		1/220-240/50	1/220-240/50	1/220-240/50
	Position		outdoor	outdoor	outdoor
<b>Indoor</b>					
Net Dimension	W/D/H	mm	812*296*203	812*296*203	983*221*322
Package Dimension	W/D/H	mm	876*365*272	876*365*272	1050*397*301
Net/Shipping Weight		kg	8.8/11.1	8.8/11.1	12.8/14.9
Air Flow (Cooling/Heating)	Max	m³/h	610/550	630/580	800/830
Sound Power Level	Cooling (Hi)	dB(A)	58	60	60
	Heating (Hi)	dB(A)	58	60	60
Sound Pressure Level	Cooling (Hi/Mid/Lo/So)	dB(A)	38/33/27/19	39/34/28/20	44/40/35/28
	Heating (Hi/Mid/Lo/So)	dB(A)	36/31/27/19	35/32/28/20	44/40/35/28
Moisture Removal		10-3m³/h	1.2	1.4	2.3
<b>Outdoor</b>					
Compressor			RECHI	HIGHLY	HIGHLY
Net Dimension	W/D/H	mm	753*275*549	753*275*549	820*306*642
Package Dimension	W/D/H	mm	875*360*608	875*360*608	940*390*697
Net/Shipping Weight		kg	22.4/24.8	24.0/26.4	36.3/38.5
Air Flow (Cooling/Heating)	Max	m³/h	2500	2500	2700
Sound Power Level	Hi	dB(A)	63	63	65
Sound Pressure Level	Hi	dB(A)	49	51	55
Running Current	Max	A	6.2	6.2	12.3
Refrigerant Type	R410a/R32		R32	R32	R32
Refrigerant Charge	R410a/R32	g	540	550	1100
Refrigerant Pipe	Liquid Side Diameter	mm	6.35	6.35	6.35
	Gas Side Diameter	mm	9.52	9.52	12.7
	Max Pipe Length/Height	m	20/10	20/10	25/15
	Max Pipe Length without Additional Charge	m	5	5	7
	Additional Charge	g/m	20	20	20