

Model	Indoor		AS25NYS1-H	AS35NYS1-H	AS50NYS1-H
	Outdoor		1U25NYS1-H	1U35NYS1-H	1U50NYS1-H
<b>Cooling</b>					
Capacity	Nominal (Min-Max)	Btu/h	9215(2390-11770)	11940(2215-13135)	16719(4435-18766)
	Nominal	kW	2.7	3.5	4.9
	Range(Min-Max)	kW	(0.7-3.45)	(0.65-3.85)	(1.3-5.5)
Energy Efficiency	SEER		6.50	6.10	6.10
Energy Efficiency	EER		3.23	2.94	2.50
Energy Class			A++	A++	A++
Pdesign Capacity		kW	2.7	3.5	4.9
Power Input	Nominal	kW	0.836	1.190	1.960
Power Input	Range (Min-Max)	kW	(0.3-1.2)	(0.3-1.3)	(0.4-2.1)
Annual Energy Consumption		kWh/a	145	201	281
Operating Limits	Min-Max	°C	-20-50°(out)	-20-50°(out)	-20-50°(out)
<b>Heating</b>					
Capacity	Nominal (Min-Max)	Btu/h	9895(2390-12450)	13310(2390-13815)	16719(4435-18766)
Capacity	Nominal	kW	2.9	3.9	4.9
Capacity	Range(Min-Max)	kW	(0.70-3.65)	(0.70-4.05)	(1.3-5.5)
Energy Efficiency	SCOP		4.00	4.00	4.00
Energy Efficiency	COP (Mild)		3.71	2.74	3.50
Energy Efficiency	SCOP (Warm/Cold)		5.10/-	5.10/-	5.10/-
Energy Class	Mild/Warm/Cold		A+/A+++/-	A+/A+++/-	A+/A+++/-
Pdesign Capacity (-10)		kW	2.6	3.0	3.6
Power Input	Nominal	kW	0.781	1.423	1.400
Power Input	Range(Min-Max)	kW	(0.3-1.2)	(0.4-1.6)	(0.4-2.1)
Annual Energy Consumption		kWh/a	910	1050	1260
Operating Limits			-20-24°C(out)	-20-24°C(out)	-20-24°C(out)
Power Supply	PhV/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	805*199*292	805*199*292	875*304*212
Package Dimension	W/D/H	mm	874*363*270	874*363*270	945*390*296
Net/Shipping Weight		kg	8.8/10.9	8.8/10.9	10.0/12.4
Air Flow (Cooling/Heating)	Max	m³/h	630/550	650/550	810/730
Sound Power Level	Cooling (Hi)	dB(A)	57	59	60
	Heating (Hi)	dB(A)	57	59	60
Sound Pressure Level	Cooling (Hi/Mid/Lo/So)	dB(A)	38/34/29/19	38/34/29/20	44/40/35/28
	Heating (Hi/Mid/Lo/So)	dB(A)	37/33/29/19	38/34/29/20	42/38/34/28
Moisture Removal		10-3m³/h	1.2	1.4	2.0
<b>Outdoor</b>					
Compressor			RECHI	HIGHLY	HIGHLY
Net Dimension	W/D/H	mm	700*245*544	700*245*544	800*280*553
Package Dimension	W/D/H	mm	819*320*585	819*320*585	902*375*607
Net/Shipping Weight		kg	21.0/23.0	22.4/24.5	29/32
Air Flow (Cooling/Heating)	Max	m³/h	2100	2500	2200
Sound Power Level	Hi	dB(A)	62	64	65
Sound Pressure Level	Hi	dB(A)	50	51	54
Running Current	Max	A	5.5	7.3	9.2
Refrigerant Type	R410a/R32		R32	R32	R32
Refrigerant Charge	R410a/R32	g	510	510	830
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	20/10
	Max Pipe Length without Additional Charge	m	5	5	7
	Additional Charge	g/m	20	20	20