Buyer Model	Set (Indo	or / Outdoor)	Unit		(VG122HD.NSEM	/ VG122HD.U18M)
Factory Model	0	Min. Based Man.	kW	0.879	3.517	4.000
Capacity	Cooling	Min ~ Rated ~ Max	Btu/h kJ/h	3,000	12,000	13,650
	Cooling (T3)	Min ~ Rated ~ Max	kW Btu/h	-	-	-
	Heating	Min ~ Rated ~ Max	kW Btu/h	0.879 3,000	3.986 13,600	4.689 16,000
	Heating -7 °C	Max	kJ/h kW			-
	Cooling	Min ~ Rated ~ Max	W	200	985	1,450
Power Input	Cooling (T3) Heating	Min ~ Rated ~ Max Min ~ Rated ~ Max	W	200	1,078	1,650
	Cooling	Min ~ Rated ~ Max Min ~ Rated ~ Max	A	1.10	4.40	6.20
Running Current	Cooling (T3) Heating	Min ~ Rated ~ Max Min ~ Rated ~ Max	A A	1.10	4.80	7.20
	reading	Will - Kateu - Wax	W/W	3.57		
EER			(Btu/h)/W (kJ/h)/W	12.18		
EER (T3)			W/W	-		
SEER			(Btu/h)/W (Btu/h)/W	20.00		
COP			W/W	3.70 12.62		
			(Btu/h)/W (kJ/h)/W		-	
SCOP P design C / P de	sign H		kW		-/-	
Energy Label Gra	ide	Cooling / Heating	-	-/-		
Annual Energy C	onsumption	Cooling / Heating	kWh/month (Rtu/b)/W	-/-		
Weighted EER			(Btu/h)/W W/W	-		
Power Supply Available Voltage Range			Ø, V, Hz	1, 220, 50/60 187 ~ 276		
Available Voltage Range Power Factor Cooling / Heating			%	187 ~ 276 97 / 96		
Moisture Remova	al		l/h		1.10	100
Indoor	Air Flow Rate	Cooling, SH / H / M / L	m³/min m³/min	11.0 / 10.0 / 8.0 / 6.0 11.0 / 10.0 / 8.0 / 6.0		
	Sound Pressure Level	Heating, SH / H / M / L Cooling, SH / H / M / L / SL	dB(A)	-/	42 / 36 / 28	/ 20
	Sound Power Level	Heating, SH / H / M / L	dB(A)		- / 42 / 36 / 2 60	8
	Dimensions (W × H × D)	Net	dB(A) mm	652 × 158 × 652		52
	Dimensions (W × H × D)	Shipping	mm	7-	44 × 235 × 7	36
	Weight	Net Shipping	kg kg		16.7 19.4	
	Exterior Color Code	•	-	Cream White (Cream White)		m White)
Outdoor	Air Flow Rate	Max Cooling, Min ~ Max	m²/min rpm		35.0 200 ~ 840	
	Fan Motor Speed	Heating, Min ~ Max	rpm		400 ~ 800	
	Sound Pressure Level	Cooling, Rated	dB(A) dB(A)	50 53		
	Sound Power Level	Heating, Rated	dB(A)		62	
	Dimensions (W × H × D)	Net	mm		70 × 545 × 2 20 × 593 × 3	
	Weight	Shipping Net	mm kg	9.	29.5	100
	1	Shipping	kg		31.5	
					20	
	Max. Fuse Size Exterior Color Code		A -	Munsell 9.5	20 54Y 8.34/1.31	(RAL 9001)
	Exterior Color Code	Cooling	°C DB	Munsell 9.5	54Y 8.34/1.31 -15 ~ 48	(RAL 9001)
		Cooling Heating	-	Munsell 9.5	54Y 8.34/1.31	(RAL 9001)
Circuit Breaker	Exterior Color Code Operation Range	Cooling	°C DB °C DB °C WB A	Munsell 9.5	54Y 8.34/1.31 -15 ~ 48 -15 ~ 24 -15 ~ 18	(RAL 9001
Power Supply Ca	Exterior Color Code Operation Range	Cooling Heating	°C DB °C DB °C WB	Munsell 9.5	-15 ~ 48 -15 ~ 24 -15 ~ 18	(RAL 9001
	Exterior Color Code Operation Range ble Unit	Cooling Heating Heating	°C DB °C DB °C WB A No. × mm² No. × mm²	Munsell 9.5	54Y 8.34/1.31 -15 ~ 48 -15 ~ 24 -15 ~ 18 15 3 × 1 Outdoor 4 × 0.75	(RAL 9001
Power Supply Ca Power Supply to Power and Comn	Exterior Color Code Operation Range ble Unit	Cooling Heating Heating Liquid	°C DB °C DB °C WB A No. × mm² No. × mm²	Munsell 9.5	54Y 8.34/1.31 -15 ~ 48 -15 ~ 24 -15 ~ 18 15 3 × 1 Outdoor 4 × 0.75 Ø 6.35	(RAL 9001
Power Supply Ca Power Supply to Power and Comn Piping	Exterior Color Code Operation Range ble Unit nunication Cable	Cooling Heating Heating Heating Liquid Gas Indoor / Outdoor	°C DB °C DB °C WB A No. × mm²		54Y 8.34/1.31 -15 ~ 48 -15 ~ 24 -15 ~ 18 15 3 × 1 Outdoor 4 × 0.75 Ø 9.52 Flared / Flares	
Power Supply Ca Power Supply to Power and Comn	Exterior Color Code Operation Range ble Unit nunication Cable Size Connections Method	Cooling Heating Heating Liquid Gas Indoor / Outdoor O, D, LD	°C DB °C DB °C DB °C WB A No. × mm² No. × mm² mm mm		54Y 8.34/1.31 -15 ~ 48 -15 ~ 24 -15 ~ 18 15 3 × 1 Outdoor 4 × 0.75 Ø 9.52 Flared / Flare 21.5, 16	
Power Supply Ca Power Supply to Power and Comn Piping Drain Hose Size Between Indoor	Exterior Color Code Operation Range ble Unit ununication Cable Size Connections Method	Cooling Heating Heating Heating Liquid Gas Indoor / Outdoor	- °C DB °C DB °C DB °C WB A No. × mm² - No. × mm² mm		54Y 8.34/1.31 -15 ~ 48 -15 ~ 24 -15 ~ 18 15 3 × 1 Outdoor 4 × 0.75 Ø 9.52 Flared / Flare 21.5, 16 3 / 7.5 / 20 10.0	
Power Supply Ca Power Supply to Power and Comn Piping Drain Hose Size	Exterior Color Code Operation Range ble Init Unit Color Coble Size Connections Method Piping Length Max Elevation Difference	Cooling Heating Heating Liquid Gas Indoor/Outdoor O.D. 1.0 Min/Standard / Max No Charge	C DB C DB C DB C DB C DB C WB A No. × mm² - No. × mm² - mm mm mm		54Y 8.34/1.31 -15 ~ 48 -15 ~ 24 -15 ~ 15 3 × 1 Outdoor 4 × 0.75 Ø 6.35 Ø 9.52 Flared / Flare 21.5, 16 3 / 7.5 / 20 10.0	ed
Power Supply Ca Power Supply to Power and Comn Piping Drain Hose Size Between Indoor	Exterior Color Code Operation Range ble Unit ununication Cable Size Connections Method	Cooling Heating Heating Liquid Gas Indoor / Outdoor O.D. 1.D Min / Standard / Max No Charge	"C DB "C DB "C DB "C WB A No. × mm² - No. × mm² mm mm m m m		54Y 8.34/1.31 -15 ~ 48 -15 ~ 24 -15 ~ 18 15 3 × 1 Outdoor 4 × 0.75 Ø 6.35 Ø 9.52 Flared / Flare 21.5, 16 3 / 7.5 / 20 10.0 1	ed
Power Supply Ca Power Supply to Power and Comn Piping Drain Hose Size Between Indoor & Outdoor	Exterior Color Code Operation Range ble Init Unit Color Coble Size Connections Method Piping Length Max Elevation Difference	Cooling Heating Heating Liquid Gas Indoor / Outdoor OD, 1.D Min / Standard / Max No Charge Liation Type Pre Charge	"C DB "C DB "C WB A No. × mm² No. × mm² mm mm mm m m m m m m m m m m m m		54Y 8.34/1.31 -15 ~ 48 -15 ~ 24 -15 ~ 18 15 3 × 1 Outdoor 4 × 0.75 Ø 6.35 Ø 9.52 Flared / Flare 21.5, 16 3 / 7.5 / 20 10.0 liquid and ga	ed
Power Supply Ca Power Supply to Power and Comn Piping Drain Hose Size Between Indoor	Exterior Color Code Operation Range ble Init Unit Color Coble Size Connections Method Piping Length Max Elevation Difference	Cooling Heating Heating Heating Liquid Gas Indoor / Outdoor OD, 1.D Min / Standard / Max No Charge Liddoor Liquid Heating Heat	"C DB "C DB "C DB "C WB A No. × mm² - No. × mm² mm mm m m m	l Both I	54Y 8.34/1.31 -15 ~ 48 -15 ~ 24 -15 ~ 18 -15 ~ 1	s pipes
Power Supply Ca Power Supply to Power and Comn Piping Drain Hose Size Between Indoor & Outdoor	Exterior Color Code Operation Range ble Init Unit Color Coble Size Connections Method Piping Length Max Elevation Difference	Cooling Heating Heating Heating Liquid Gas Indoor Outdoor O.D. I.D Min / Standard / Max No Charge Juistion Type Pre Charge Additional Charge Control Ciobtal Warning Potential	"C DB "C DB "C WB A No. * mm² - No. * mm² - mm mm - mm - mm m m m	l Both I	54Y 8.34/1.31 -15 ~ 48 -15 ~ 24 -15 ~ 18 -15 ~ 18 -15 ~ 18 -15 ~ 18 -15 ~ 18 -15 ~ 18 -16 ~ 18 -17 -18 -18 -19 -18 -19 -18 -18 -18 -18 -18 -18 -18 -18 -18 -18	s pipes
Power Supply Ca Power and Comn Piping Drain Hose Size Between Indoor & Outdoor Refrigerant Defrost Method	Exterior Color Code Operation Range ble Unit nunication Cable Size Connections Method Piping Length Max Elevation Difference Piping Connection Heat Ins	Cooling Heating Heating Heating Liquid Gas Indoor / Outdoor O.D., 1D Min / Standard / Max No Charge Lidation Type Pre Charge Additional Charge Control Global Warning Potential L-CO ₂ eq	"C DB "C DB "C WB A No. × mm² No. × mm² mm mm mm m m m m m m m m m m m m	Both	SAY 8.34/1.31 -15 ~ 48 -15 ~ 24 -15 ~ 24 -15 ~ 18 -15 ~ 18 -15 ~ 3 × 1 -14 ~ 0.75 -9 .9.52 -15 rared / Flared -10 / 10.0	s pipes
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Power Supply to Power Supply to Power and Comn Piping Drain Hose Size Between Indoor & Outdoor Refrigerant Defrost Method Tool Code (Chas	Exterior Color Code Operation Range ble Unit unuication Cable Size Connections Method Piping Length Max Elevation Difference Piping Connection Heat Ins sis) Type Model Motor Type Oil Type Oil Type Oil Type Oil Type Oil LP Name	Cooling Heating Heating Heating Heating Liquid Gas Gas Indoor / Outdoor O.D., I.D Min / Standard / Max No Charge Jalalon Type Pre Charge Additional Charge Global Warning Potential L+CO: eq Indoor / Outdoor	"C DB "C DB "C DB "C WB A No. x mm" - " " " " " " " " " " " " " " " " "	Both I	SAY 8.34/1.31 -15 ~ 48 -15 ~ 48 -15 ~ 24 -15 ~ 18 -15 ~ 18 -15 ~ 18 -15 -15 ~ 18 -15 -15 -16 -17 -17 -17 -17 -17 -17 -17 -17 -17 -17	s pipes on Valve
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- Note

 : No Relation

 : No Relation

 All power supply and communication cables and circuit breaker must comply with applicable local and national codes.

 Exterior color code is approximate value.

 It is difficult to measure air flow rate of sleep because of small values.

 Maximum heating capacity is for heating operation without any frost.

 Fan motor speed could vary 250 pm according to the operating conditions.

 It may cause reliability, performance, noise, and vibration problem, unless meeting the range of connecting pipe length. Keep the minimum piping length by making loops, although indoor until and outdoor unit are close.

 This product contains fluorinated greenhouse gases.

 Some specifications may be changed without notifications due to our policy of innovation.

- Test conditions are based on ISO 5151.
 Test conditions are based on AS/NZS 3823.1.
 Test conditions are based on SASO 2663:2021.
 Test conditions are based on EN 14511 and EN 14825.
 Test conditions are based on AHRI 210/240.