Specifications Table for REYA-A

				REYA8A7Y1B	REYA10A7Y1B	REYA10A7Y1B.	REYA
System	Outdoor unit module 1					REMA5A	
	Outdoor unit module 2					REMA5A	
Recommended combination				4 x FXFA50A2VEB	4 x FXFA63A2VEB	4 x FXFA63A2VEB	6 x FX
Recommended combination 2				4 x FXSA50A2VEB	4 x FXSA63A2VEB	4 x FXSA63A2VEB	6 x FX
Recommended combination 3				4 x FXMA50A5VEB	4 x FXMA63A5VEB	4 x FXMA63A5VEB	6 x FX
Continuous heating						Yes	
Heating capacity	Nom.	6°CWB	kW	22.4 (2)	28.0 (2)	28.0 (2)	33.5 (
COP at nom. capacity	6°CWB		kW/kW	3.83 (2)	3.45 (2)	3.66 (2)	3.46 (
SCOP				4.11	4.33	4.09	4.49
SCOP recommended combination 2				4.10	4.34	4.14	4.56
SCOP recommended combination 3				4.15	4.40	4.16	4.56
SEER				7.35	7.14	7.62	7.21
SEER recommended combination 2				7.07	6.87	7.30	6.90
SEER recommended combination 3				7.49	7.15	7.61	7.41
Space cooling	A Condition (35°C - 27/19)	EERd		3.25	3.26	3.81	3.24
		Pdc	kW	22.4	28.0	28.0	33.5
	B Condition (30°C - 27/19)	EERd		5.23	5.00	7.73	4.60
		Pdc	kW	16.5	20.6	20.6	24.7
	C Condition (25°C - 27/19)	EERd		9.11	8.50	8.99	8.45
		Pdc	kW	10.6	13.3	13.5	15.9
	D Condition (20°C - 27/19)	EERd		15.3	14.8	11.5	17.7
		Pdc	kW	8.13	8.19	14.1	8.57
Space cooling recommended combination 2	A Condition (35°C - 27/19)	EERd		3.23	3.23	3.67	3.00
		Pdc	kW	22.4	28.0	28.0	33.5
	B Condition (30°C - 27/19)	EERd		5.09	4.83	7.32	4.54

		Pdc	kW	16.5	20.6	20.6	24.7
	C Condition (25°C - 27/19)	EERd		8.55	8.06	8.54	7.94
		Pdc	kW	10.6	13.3	13.3	15.9
	D Condition (20°C - 27/19)	EERd		14.6	14.1	11.1	16.9
		Pdc	kW	7.84	7.97	13.7	8.20
Space cooling recommended combination 3	A Condition (35°C - 27/19)	EERd		3.22	3.27	3.71	3.23
		Pdc	kW	22.4	28.0	28.0	33.5
	B Condition (30°C - 27/19)	EERd		5.31	4.91	7.71	4.69
		Pdc	kW	16.5	20.6	20.6	24.7
	C Condition (25°C - 27/19)	EERd		9.41	8.59	8.99	8.82
		Pdc	kW	10.6	13.3	13.5	15.9
	D Condition (20°C - 27/19)	EERd		15.7	15.1	11.6	18.5
		Pdc	kW	8.19	8.13	14.1	8.50
Space heating (Average climate)	TBivalent	COPd (declared COP)		2.80	2.28	2.69	2.38
		Pdh (declared heating cap)	kW	13.7	16.0	16.0	18.4
		Tbiv (bivalent temperature)	°C	-10	-10	-10	-10
	TOL	COPd (declared COP)		2.80	2.28	2.69	2.38
		Pdh (declared heating cap)	kW	13.7	16.0	16.0	18.4
		Tol (temperature operating limit)	°C	-10	-10	-10	-10
	A Condition (-7°C)	COPd (declared COP)		3.06	2.67	3.00	2.84
		Pdh (declared heating cap)	kW	12.1	14.2	14.2	16.3
	B Condition (2°C)	COPd (declared COP)		3.81	4.23	4.37	4.15
		Pdh (declared heating cap)	kW	7.38	8.62	8.60	9.89
	C Condition (7°C)	COPd (declared		5.27	5.70	4.70	6.32

		COP)					
		Pdh (declared heating cap)	kW	4.76	5.54	7.17	6.36
	D Condition (12°C)	COPd (declared COP)		7.04	7.92	5.57	9.14
		Pdh (declared heating cap)	kW	4.51	5.46	8.74	5.52
Space heating (Average climate) recommended combination 2	A Condition (-7°C)	COPd (declared COP)		3.00	2.62	3.02	2.83
		Pdh (declared heating cap)	kW	12.1	14.2	14.2	16.3
	B Condition (2°C)	COPd (declared COP)		3.80	4.24	4.43	4.26
		Pdh (declared heating cap)	kW	7.45	8.61	8.64	9.89
	C Condition (7°C)	COPd (declared COP)		5.35	5.79	4.76	6.39
		Pdh (declared heating cap)	kW	4.76	5.54	7.31	6.36
	D Condition (12°C)	COPd (declared COP)		7.04	7.91	5.62	9.39
		Pdh (declared heating cap)	kW	4.71	5.60	8.87	5.80
	TBivalent	COPd (declared COP)		2.73	2.32	2.70	2.38
		Pdh (declared heating cap)	kW	13.7	16.0	16.0	18.4
		Tbiv (bivalent temperature)	°C	-10	-10	-10	-10
	TOL	COPd (declared COP)		2.73	2.32	2.70	2.38
		Pdh (declared heating cap)	kW	13.7	16.0	16.0	18.4
		Tol (temperature operating limit)	°C	-10	-10	-10	-10

Space heating (Average climate) recommended combination 3	A Condition (-7°C)	COPd (declared COP)		3.05	2.68	3.03	2.85
		Pdh (declared heating cap)	kW	12.1	14.2	14.2	16.3
	B Condition (2°C)	COPd (declared COP)		3.86	4.32	4.48	4.24
		Pdh (declared heating cap)	kW	7.39	8.62	8.61	9.89
	C Condition (7°C)	COPd (declared COP)		5.35	5.80	4.76	6.43
		Pdh (declared heating cap)	kW	4.75	5.55	7.28	6.36
	D Condition (12°C)	COPd (declared COP)		7.14	8.02	5.62	9.37
		Pdh (declared heating cap)	kW	4.65	5.56	8.85	5.67
	TBivalent	COPd (declared COP)		2.78	2.29	2.71	2.41
		Pdh (declared heating cap)	kW	13.7	16.0	16.0	18.4
		Tbiv (bivalent temperature)	°C	-10	-10	-10	-10
	TOL	COPd (declared COP)		2.78	2.29	2.71	2.41
		Pdh (declared heating cap)	kW	13.7	16.0	16.0	18.4
		Tol (temperature operating limit)	°C	-10	-10	-10	-10
Capacity range	HP			8	10	10	12
Maximum number of connectable indoor units				64 (3)	64 (3)	64 (3)	64 (3)
Indoor index connection	Min.			100	125	125	150
	Max.			260	325	325	390
Dimensions	Unit	Height	mm	1,685	1,685		1,685
		Width	mm	930	930		930
		Depth	mm	765	765		765

Weight	Unit		kg	213	213		213
Fan	External static pressure	Max.	Pa	78	78		78
Compressor	Type			Hermetically sealed scroll compressor	Hermetically sealed scroll compressor		Herm scroll
Operation range	Cooling	Min.	°CDB	-5	-5		-5
		Max.	°CDB	46	46		46
	Heating	Min.	°CWB	-20	-20		-20
		Max.	°CWB	16	16		16
Sound power level	Cooling	Nom.	dBA	78.3 (5)	78.8 (5)	81.3 (5)	82.5
Sound pressure level	Cooling	Nom.	dBA	56.3 (6)	58.0 (6)	59.3 (6)	60.8
Refrigerant	Type			R-32	R-32	R-32	R-32
	GWP			675.0	675.0	675.0	675.0
	Charge		kg	9.00	9.00		9.00
Piping connections	Liquid	Type		Braze connection	Braze connection	Braze connection	Braze
		OD	mm	9.52	9.52	9.52	12.70
	Gas	Type		Braze connection	Braze connection	Braze connection	Braze
		OD	mm	19.1	19.1	19.1	22.2
	HP/LP gas	OD	mm	15.90	15.90	15.90	19.10
	Total piping length System	Actual	m	1,000 (7)	1,000 (7)	500 (7)	1,000
Standard Accessories	Installation and operation manual			1	1	1	1
	Connection pipes			1	1	1	1
Power supply	Name			Y1	Y1	Y1	Y1
	Phase			3N~	3N~	3N~	3N~
	Frequency		Hz	50	50	50	50
	Voltage		V	380-415	380-415	380-415	380-4
Notes				(1) - Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m	(1) - Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m	(1) - Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m	(1) - C temp 19°C temp equiv lengt differ
				(2) - Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m	(2) - Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m	(2) - Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m	(2) - H temp temp equiv pipin differ
				(3) - The actual number of units depends on the connection ratio (CR) and the	(3) - The actual number of units depends on the connection ratio (CR) and the	(3) - The actual number of units depends on the connection ratio (CR) and the	(3) - T of un the c (CR) a

	restrictions for the system.	restrictions for the system.	restrictions for the system.	restri syste
	(4) - Air Flow Rate (AFR) of multi outdoor systems is sum of AFR of the individual systems it consists of	(4) - Air Flow Rate (AFR) of multi outdoor systems is sum of AFR of the individual systems it consists of	(4) - Air Flow Rate (AFR) of multi outdoor systems is sum of AFR of the individual systems it consists of	(4) - A of mu syste of the syste
	(5) - Sound power level is an absolute value that a sound source generates.	(5) - Sound power level is an absolute value that a sound source generates.	(5) - Sound power level is an absolute value that a sound source generates.	(5) - S is an that a gene
	(6) - Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to the sound level drawings.	(6) - Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to the sound level drawings.	(6) - Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to the sound level drawings.	(6) - S level depe dista envir detai the s draw
	(7) - Refer to refrigerant pipe selection or installation manual	(7) - Refer to refrigerant pipe selection or installation manual	(7) - Refer to refrigerant pipe selection or installation manual	(7) - R refrig selec manu
	(8) - RLA is based on following conditions: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB	(8) - RLA is based on following conditions: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB	(8) - RLA is based on following conditions: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB	(8) - R follov indoo 19°CV temp
	(9) - MSC means the maximum current during start up of the compressor. This unit uses only inverter compressors. Starting current is always ≤ max. running current.	(9) - MSC means the maximum current during start up of the compressor. This unit uses only inverter compressors. Starting current is always ≤ max. running current.	(9) - MSC means the maximum current during start up of the compressor. This unit uses only inverter compressors. Starting current is always ≤ max. running current.	(9) - M maxi durin comp uses comp curre max.
	(10) - In accordance with EN/IEC 61000-3-12, it may be necessary to consult the distribution network operator to ensure that the equipment is connected only to a supply wih Ssc ≥ minimum Ssc value	(10) - In accordance with EN/IEC 61000-3-12, it may be necessary to consult the distribution network operator to ensure that the equipment is connected only to a supply wih Ssc ≥ minimum Ssc value	(10) - In accordance with EN/IEC 61000-3-12, it may be necessary to consult the distribution network operator to ensure that the equipment is connected only to a supply wih Ssc ≥ minimum Ssc value	(10) - with 12, it to co distri opera that t conn supp minir
	(11) - MCA must be used to select the correct field wiring size. The MCA can be regarded as the maximum running current.	(11) - MCA must be used to select the correct field wiring size. The MCA can be regarded as the maximum running current.	(11) - MCA must be used to select the correct field wiring size. The MCA can be regarded as the maximum running current.	(11) - used corre size. regar maxi curre
	(12) - MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).	(12) - MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).	(12) - MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).	(12) - selec breal grou inter leaka breal

	(13) - Maximum allowable voltage range variation between phases is 2%.	(13) - Maximum allowable voltage range variation between phases is 2%.	(13) - Maximum allowable voltage range variation between phases is 2%.	(13) - allow range betw
	(14) - Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.	(14) - Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.	(14) - Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.	(14) - units use c syste supp termi or ab limits
	(15) - Sound values are measured in a semi-anechoic room.	(15) - Sound values are measured in a semi-anechoic room.	(15) - Sound values are measured in a semi-anechoic room.	(15) - meas anec
	(16) - EN/IEC 61000-3-12: European/international technical standard setting the limits for harmonic currents produced by equipment connected to public low-voltage system with input current > 16A and ≤ 75A per phase	(16) - EN/IEC 61000-3-12: European/international technical standard setting the limits for harmonic currents produced by equipment connected to public low-voltage system with input current > 16A and ≤ 75A per phase	(16) - EN/IEC 61000-3-12: European/international technical standard setting the limits for harmonic currents produced by equipment connected to public low-voltage system with input current > 16A and ≤ 75A per phase	(16) - 12: Europ techr settir harm prod equip to pu syste curre 75A p
	(17) - Ssc: Short-circuit power	(17) - Ssc: Short-circuit power	(17) - Ssc: Short-circuit power	(17) - powe
	(18) - For detailed contents of standard accessories, see installation/operation manual	(18) - For detailed contents of standard accessories, see installation/operation manual	(18) - For detailed contents of standard accessories, see installation/operation manual	(18) - conte acces insta manu
	(19) - Multi combination (10~28HP) data is corresponding with the standard multi combination	(19) - Multi combination (10~28HP) data is corresponding with the standard multi combination	(19) - Multi combination (10~28HP) data is corresponding with the standard multi combination	(19) - comb (10~2 corre stanc comb