



3 phase
condensing
units for higher
capacities (6-12
HP)

ERA-AYF

Condensing unit range connectable to Air
Curtains and Direct Expansion (DX) Air Handling

- › Use of lower GWP R-32 refrigerant
- › Immediate heating and cooling
- › Better management of load due to VRV technology
- › Continuous Heating: Avoid cold drafts during

- defrost cycle
- › Benefit from the high efficiency and fast response time of ERA units for changing loads
- › Energy saving due to inverter technology

ERA-AYF



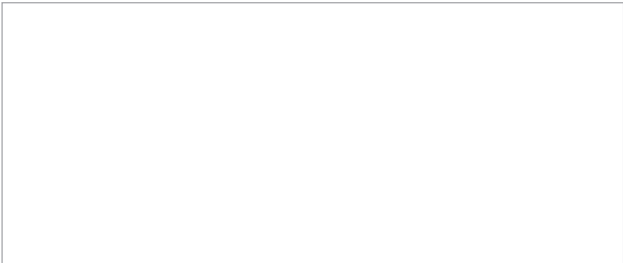
Outdoor unit			ERA	200AYF	250AYF	300AYF
Dimensions	Unit	HeightxWidthxDepth	mm	1,430 x940 x320	1,615 x940 x460	
Weight	Unit		kg	134	163	
Fan	External static pressure	Max.	Pa	35		
Sound power level	Cooling	Nom.	dBA	73.2 (1)	74	76.1 (1)
Sound pressure level	Cooling	Nom.	dBA	58.1 (2)	57	60
Operation range	Cooling	Min.~Max.	°CDB	-5 ~52		
	Heating	Min.~Max.	°CWB	-20 ~15.5		
Refrigerant	Type/GWP			R-32/675		
	Charge		kg / tCO2Eq	5.2 / 3.51	7 / 4.73	7.1 / 4.79
Power supply	Phase/Frequency/Voltage		Hz/V	3N~/50/60/380-415/400		
Current - 50Hz	Maximum fuse amps (MFA)		A	25 (3)		32 (3)

Outdoor unit				ERA	200AYF	250AYF	300AYF
Capacity range				HP	-		
Cooling capacity	Prated,c			kW	-		
Heating capacity	Prated,h			kW	-		
	Max.	6°CWB		kW	25	31.5 (4)	37.5 (4)
Recommended combination					-		
ηs,c				%	-		
ηs,h				%	-		
SEER					-		
SCOP					-		
Indoor index connection	Min.				140	200	
	Nom.				-		
	Max.				200	250	300
Dimensions	Unit	HeightxWidthxDepth		mm	1,430 x940 x320		
Weight	Unit			kg	134		
Sound power level	Cooling	Nom.		dBA	73.2 (1)	74	76.1 (1)
Sound pressure level	Cooling	Nom.		dBA	58.1 (2)	57	60
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Refrigerant	Type/GWP				R-32/675		
	Charge			kg / tCO2Eq	5.2 / 3.51	7 / 4.73	7.1 / 4.79
Piping connections	Liquid	OD		mm	9.52		12.7
	Gas	OD		mm	19.1		22.2
	Total piping length	System	Actual	m	50 (5)		
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/60/380-415/400		
Current - 50Hz	Maximum fuse amps (MFA)			A	25 (3)		32 (3)

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	Nom.				-		
	Max.				200	250	300
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	Heating	Nom.	dBA		73.5 (1)	74	76
Sound pressure level	Cooling	Nom.	dBA		58.1 (2)	57	60

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	Gas	OD	mm	19.1	22.2
	Total piping length	System	Actual	50 (5)	
			m		
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Current - 50Hz	Maximum fuse amps (MFA)		A	25 (3)	32 (3)

(1) Sound power level is an absolute value that a sound source generates. | (2) Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to the sound level drawings. | (3) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). | (4) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m | (5) Refer to refrigerant pipe selection or installation manual | Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m | RLA is based on following conditions: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB | MSC means the maximum current during start up of the compressor. This unit uses only inverter compressors. Starting current is always ≤ max. running current. | 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 with $S_{sc} \geq$ minimum S_{sc} value | MCA must be used to select the correct field wiring size. The MCA can be regarded as the maximum running current.



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