

5.2 RXYQ-AAYDA, RXYQ-AAYDB

Model name			RXYQ72AAYDA	RXYQ96AAYDA
Power supply			3 phase, 460 V, 60 Hz	3 phase, 460 V, 60 Hz
★1 Cooling capacity	Nominal	Btu/h (kW)	72,000 (21.1)	96,000 (28.1)
	Rated		69,000 (20.2)	92,000 (27.0)
★2 Heating capacity	Nominal	Btu/h (kW)	81,000 (23.7)	108,000 (31.7)
	Rated		77,000 (22.6)	103,000 (30.2)
Casing color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H × W × D)		in. (mm)	65-3/8 × 36-5/8 × 30-1/8 (1,660 × 930 × 765)	65-3/8 × 48-13/16 × 30-1/8 (1,660 × 1,240 × 765)
Heat exchanger			Cross fin coil	Cross fin coil
Compressor	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Volume	m ³ /h	14.8	9.1 + 10.3
	Number of revolutions	r/min	4,356	4,278 + 4,848
	Motor output × Number of units	kW	4.54 × 1	(2.61 + 2.96) × 1
	Starting method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor output × Number of units	kW	0.95 × 1	0.65 × 2
	Airflow rate	cfm (m ³ /min)	6,210 (175.8)	8,965 (253.9)
	Drive		Direct drive	Direct drive
Connecting pipes	Liquid pipe	in. (mm)	ϕ 3/8 (9.5) C1220T (brazing connection)	ϕ 3/8 (9.5) C1220T (brazing connection)
	Gas pipe	in. (mm)	ϕ 3/4 (19.1) C1220T (brazing connection)	ϕ 7/8 (22.2) C1220T (brazing connection)
Weight		lbs (kg)	507 (230)	694 (315)
Sound pressure level (Reference data)		dB(A)	58	61
Sound power level (Reference data)		dB	80	82
Safety devices			High pressure switch, Fan driver overload protector, Overcurrent fuse, Inverter overload protector, Leak detecting device	High pressure switch, Fan driver overload protector, Overcurrent fuse, Inverter overload protector, Leak detecting device
Defrost method			Deicer	Deicer
Capacity control		%	8-100	4-100
Refrigerant	Refrigerant name		R-410A	R-410A
	Charge	lbs (kg)	15.2 (6.9)	24.9 (11.3)
	Control		Electronic expansion valve	Electronic expansion valve
Standard accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.			4D144728	4D144728

Notes:

- ★1. Indoor temp.: 80°FDB (26.7°CDB), 67°FWB (19.4°CWB) / Outdoor temp.: 95°FDB (35.0°CDB) / Rated capacity is certified under AHRI standard 1230.
- ★2. Indoor temp.: 70°FDB (21.1°CDB) / Outdoor temp.: 47°FDB (8.3°CDB), 43°FWB (6.1°CWB) / Rated capacity is certified under AHRI standard 1230.