

1.4. INVERTER (RAI-E50YHA/E60YHA)

Model		RAI-E50YHA	RAI-E60YHA
Power Supply		From Outdoor Unit	
Nominal Cooling Capacity	kW	5.0 (1.2~5.8)	6.00 (1.2~6.5)
Cooling Power Input	W	1,480 (300~2,500)	1,800 (200~2,600)
Nominal Heating Capacity		6.0 (1.2~6.8)	7.0 (1.2~8.0)
	H2		
Heating Power Input		1,570 (300~2,650)	1,950 (300~2,650)
	H2		
Dehumidifying Capacity	L/h	2.8	2.8
Indoor Fan Air Flow Rate (Hi/Me/Lo)	C	12.0/10.5/9.0/6.5	12.0/10.5/9.0/6.5
	H		
	m ³ /min	13.0/11.5/10.0/7.5	13.0/11.5/10.0/7.5
Fan Motor	W	57	57
Drain Pump Pressure Lift	cm	67	67
Max height available for drain pump (RAD/RAI)	cm	85	85
Sound Pressure Level (Overall Scale) (Hi/Me/Lo/Sleep)	C	43/39/35/29	43/39/35/29
	H		
	dB (A)	44/40/36/30	44/40/36/30
Refrigerant Type		R32	R32
Pipe Sizes	mm	6.35 / 12.70	6.35 / 12.70
Pipe Sizes	(in)	1/4 , 1/2	1/4 , 1/2
Panel reference		P-AP56NAM	P-AP56NAM
Panel Dimension(HWD)	mm	30x620x620	30x620x620
Panel weight	kg	2.8	2.8
Electrical Data			
Power Cable	No.	From Outdoor unit	
Cable Size	Ø mm	-	-
Interconnection Wires	No.	3 pcs + Earth	3 pcs + Earth
Wire Size	mm ²	1.5	1.5
Dimension			
Width	mm	570	570
Height	mm	285	285
Depth	mm	570	570
Net Weight	kg	17	17
Condensate Drain	mm	Ø32 OD	Ø32 OD
Features			
Auto Restart	Yes/No	Yes	Yes
Auto Changeover	Yes/No	Yes	Yes
Air Purifying Filter Type		-	-

NOTE:

1. The nominal cooling and heating capacity is the combined capacity of the HITACHI standard split system, and are based on the MEPS.

2. The Sound Pressure Level is based on the following conditions:

- 1.5 meter beneath the unit

Operation Conditions		Cooling	Heating
Indoor Air Inlet Temperature	dB	27.0 °C	20.0 °C
	WB	19.0 °C	15.0 °C
Outdoor Air Inlet Temperature	dB	35.0 °C	7.0 °C
	WB	24.0 °C	6.0 °C

Piping Length: 5.0 meters; Piping Lift: 0 meter
dB: Dry Bulb; WB: Wet Bulb

The above data was measured in an anechoic chamber so that reflected sound should be taken into consideration when installing the unit.