

2.1.3. 4 WAY CEILING CASSETTE TYPE (RAI-25NHA1/35NHA1/50NHA1)

Model		RAI-25NHA1	RAI-35NHA1	RAI-50NHA1	RAI-ECPM
Power Supply		From Outdoor Unit	From Outdoor Unit	From Outdoor Unit	Optional Panel
Nominal Cooling Capacity	kW	From Outdoor Unit	From Outdoor Unit	From Outdoor Unit	-
Cooling Power Input	W	From Outdoor Unit	From Outdoor Unit	From Outdoor Unit	-
Nominal Heating Capacity	kW	From Outdoor Unit	From Outdoor Unit	From Outdoor Unit	-
Heating Power Input	W	From Outdoor Unit	From Outdoor Unit	From Outdoor Unit	-
Dehumidifying Capacity	L/h	1.4	1.8	2	-
Indoor Fan Air Flow Rate (Hi/Me/Lo)	m ³ /min	8.5/7.0/5.8	10.8/8.0/5.8	12.0/8.0/5.8	-
Fan Motor	W	25	25	25	-
Drain Pump Pressure Lift	cm	30 max	30 max	30 max	-
Sound Pressure Level (Overall Scale) (Hi/Me/Lo/Sleep)	dB (A)	(C) 35-32-29-25 (H) 36-33-20-27	(C) 39-34-29-26 (H) 40-36-32-29	(C) 43-35-32-29 (H) 43-36-32-30	-
Refrigerant Type		R410A	R410A	R410A	-
Pipe Sizes	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7	-
Pipe Sizes	(in)	(1/4), (3/8)	(1/4), (3/8)	(1/4), (1/2)	-
Electrical Data					
Power Cable	No.	From Outdoor Unit	From Outdoor Unit	From Outdoor Unit	-
Cable Size	Ø mm	-	-	-	-
Interconnection Wires	No.	2 pcs + Earth	2 pcs + Earth	2 pcs + Earth	-
Wire Size	mm ²	2.0	2.0	2.0	-
Dimensions					
Width (Packing)	mm	580	580	580	650 (710)
Height (Packing)	mm	285	285	285	32 (124)
Depth (Packing)	mm	580	580	580	650 (710)
Net Weight (Gross)	kg	20	20	20	4 (5)
Colour (Munsell Code)		Pearl White(N9.25) Optional panel (RAI-ECPM)			Pearl White(N9.25)
Condensate Drain	mm	Ø16 OD	Ø16 OD	Ø16 OD	-
Features					
Auto Restart	yes/no	Yes	Yes	Yes	-
Auto Changeover	yes/no	No	No	No	-
Air Purifying Filter Type					SPX-CFH5*

* Optional

NOTE:

1. The nominal cooling and heating capacity is the combined capacity of the HITACHI standard split system, and are based on the ISO 5151.

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

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

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