

2.1.4. DUCT TYPE (RAD-18NHA1/25NHA1/35NHA1/50NHA1)

Model		RAD-18NHA1	RAD-25NHA1	RAD-35NHA1	RAD-50NHA1
Power Supply		From Outdoor Unit	From Outdoor Unit	From Outdoor Unit	From Outdoor Unit
Nominal Cooling Capacity	kW	From Outdoor Unit	From Outdoor Unit	From Outdoor Unit	From Outdoor Unit
Cooling Power Input	W	From Outdoor Unit	From Outdoor Unit	From Outdoor Unit	From Outdoor Unit
Nominal Heating Capacity	kW	From Outdoor Unit	From Outdoor Unit	From Outdoor Unit	From Outdoor Unit
Heating Power Input	W	From Outdoor Unit	From Outdoor Unit	From Outdoor Unit	From Outdoor Unit
Dehumidifying capacity	L/h	1.2	1.4	2.1	2.8
Indoor Fan Air Flow Rate (Hi/Me/Lo/Sleep)	m ³ /min	(C) 8.2 / 7.3 / 6.2 (H) 9.2 / 7.5 / 6.2	(C) 8.2 / 7.3 / 6.2 (H) 9.2 / 7.5 / 6.2	(C) 8.2 / 7.3 / 6.2 (H) 9.2 / 7.5 / 6.2	(C) 8.5 / 7.6 / 6.2 (H) 9.3 / 7.6 / 6.2
Fan Motor	W	20	20	20	20
Drain pump pressure lift	cm	30 max	30 max	30 max	30 max
Sound Pressure Level (Overall A Scale) (Hi/Me/Lo/Sleep)	dB	(C) 40-34-31-29 (H) 40-36-33-30	(C) 40-34-31-29 (H) 41-39-37-30	(C) 42-34-31-29 (H) 42-39-37-30	(C) 44-35-32-29 (H) 44-39-37-30
Refrigerant Type		R410A	R410A	R410A	R410A
Pipe sizes	mm	6.35 / 9.52	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), (3/8)	(1/4), (1/2)
Electrical Data					
Power Cable	No.	From Outdoor Unit	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	2 pcs + Earth
wire size	mm ²	2.0	2.0	2.0	2.0
Dimensions					
Width	mm	750	750	750	750
Height	mm	235	235	235	235
Depth	mm	400	400	400	400
Net Weight	kg	19	19	19	19
Colour (Munsell Code)		Pearl White(N9.25)	Pearl White(N9.25)	Pearl White(N9.25)	Pearl White(N9.25)
Condensate Drain	mm	Ø16 OD	Ø16 OD	Ø16 OD	Ø16 OD
Features					
Auto restart	yes/no	Yes	Yes	Yes	Yes
Auto changeover	yes/no	No	No	No	No
Air purifying filter type		N/A	N/A	N/A	N/A

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:

- 1.4 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.