

SUBMITTAL DATA SHEET

(H,Y)IC4018B21 Non-Ducted 4-Way Cassette Indoor Unit

S Job Name:		Location:		
Purchaser:		Order No.:		
Engineer:				
Submitted To:	For:	Ref:	Approval:	Construction:
Submitted By:		Date:		
Unit Designation:		Schedule No.:	Model No.:	

FEATURES:

- Optional motion and radiant heat sensors for shut-off and activation in response to room occupancy.
- Multiple fan speed settings
- Optional fresh air kit available
- Four air volume settings with Ultra Hi for higher ceilings
- 4-way airflow standard but can be configured for 2-way or 3-way
- Integrated condensate pumps included in all units
- Uniform panel sizing
- Optional lift mechanism allows panel to be lowered for convenient service access

ACCESSORIES:

- Panel for 4 way cassette, standard, P-AP160NA2
- Panel for 4 way cassette, with motion and radiant sensors, P-AP160NAE1
- Duct Adapter, PD-75A
- Fresh Air Inlet Kit, OACI-160K3
- Filter Box, B-160H3
- T-Tube Connecting Kit, TKCI-160K
- Air Outlet Shutter Plate, PI-160LS2

NOTES:

1. Nominal capacity is based on combinations within the VRF system and the following conditions:
 Cooling Operation Conditions
 Indoor Air Inlet Temperature: 80F DB (26.7 °C DB)
 67F WB (19.4 °C WB)
 Outdoor Air Inlet Temperature: 95F DB (35.0 °C DB)
- Heating Operation Conditions
 Indoor Air Inlet Temperature: 70F DB (21.1 °C DB)
 47F WB (8.3 °C WB)
 Outdoor Air Inlet Temperature: 43F DB (6.1 °C DB)
 Piping Length: 24.6 ft (7.5 m)
 Piping Lift: 0 ft (0 m)

2. Sound Pressure level is based on conditions:
 4.9 ft (1.5m) beneath the unit.

Indoor Unit Type		4-Way Cassette
Model		(H,Y)IC4018B21S
Indoor Unit Power Supply	--	AC 1Phase, 208/230V, 60Hz
Nominal Cooling Capacity*1	Btu/h (kW)	18,000 (5.3)
Nominal Heating Capacity*1	Btu/h (kW)	20,000 (5.8)
Sound Pressure Level*2 (Overall A Scale)	dB	42-36-32-28
Outer Dimensions		
Height	in.(mm)	9-3/4 (248)
Width	in.(mm)	33-1/16 (840)
Depth	in.(mm)	33-1/16 (840)
Net Weight	lbs(kg)	49 (22)
Refrigerant	--	R410A
Indoor Fan		
Multi-Blade Centrifugal Fan		
Number/Unit	--	1
Outer Diameter	φ in (mm)	19-9/32 (490)
Nominal Air Flow (Hi2-Hi-Me-Lo)	cfm (m ³ /min)	953-777-635-494 (27-22-18-14)
Indoor Fan Motor		
Drip-Proof Type Enclosure		
Starting Method	--	DC Motor
Nominal Output	W	57
Electrical Data		
Min Circuit Amps	A	0.9
Maximum Fuse Size	A	15
Connections		
Flare-nut Connection (with Flare Nuts)		
Refrigerant Piping	--	
Liquid Line	in.(mm)	3/8 (9.52)
Gas Line	in.(mm)	5/8 (15.88)
Condensate Drain		
VP25		
OD	in.(mm)	1-1/4 (32)
ID	in.(mm)	31/32 (25)

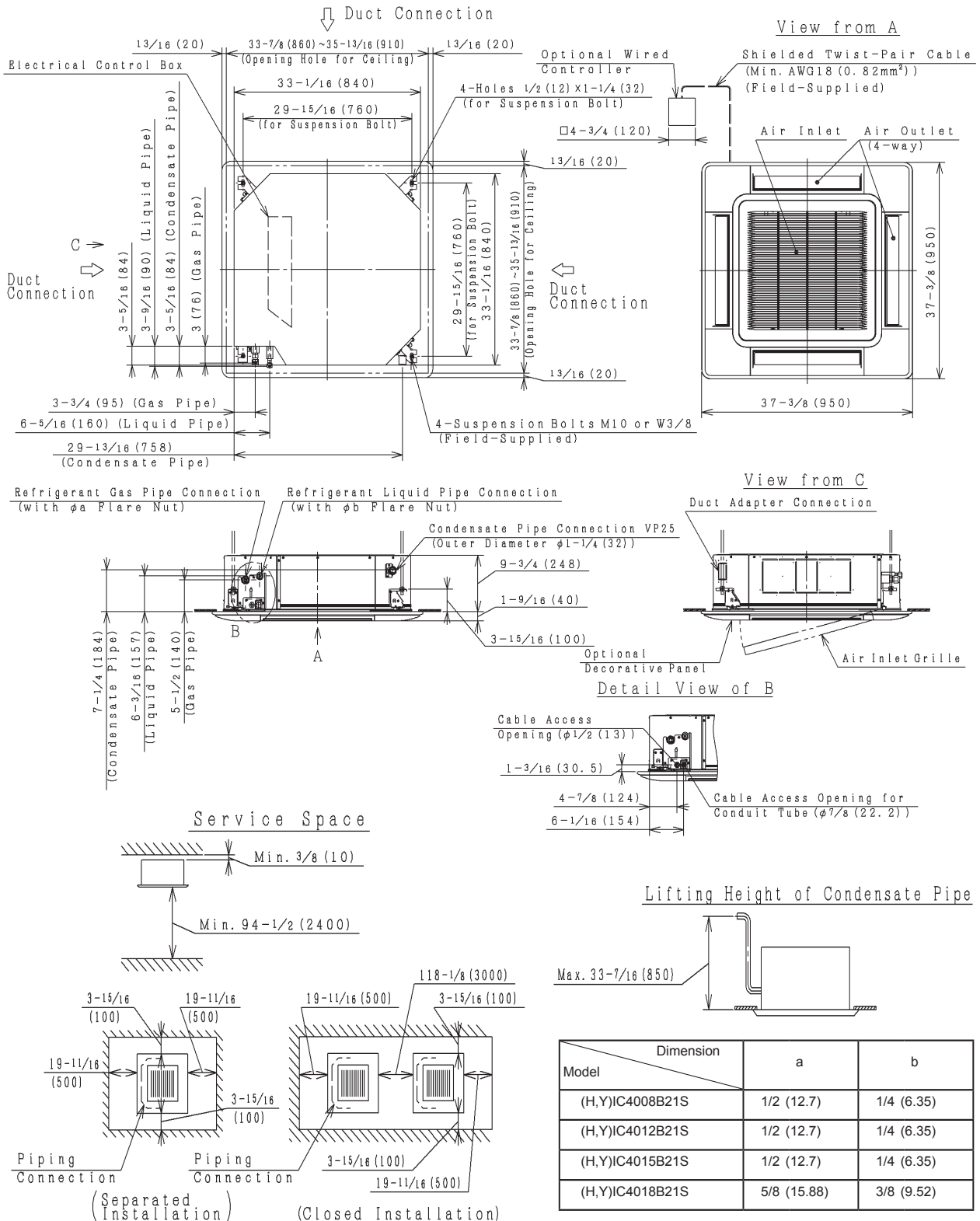
Adaptable Panel Model		P-AP160NA2 (without Motion and Radiation Sensors)	P-AP160NAE1 (with Motion and Radiation Sensors)
Color	--	Neutral White	
Outer Dimensions			
Height	in.(mm)	1-9/16 (40)	1-9/16 (40)
Width	in.(mm)	37-13/32 (950)	37-13/32 (950)
Depth	in.(mm)	37-13/32 (950)	37-13/32 (950)
Net Weight	lbs(kg)	14 (6.5)	14 (6.5)

VERSION 201905

System Dimensions

Model: (H,Y)IC4018B21S with Decorative Panel P-AP160NA2

unit: inch (mm)



NOTE:

Distance between the wall and decorative panel edge must be a min. 59-1/16 inch (1500mm) to prevent short circuiting.

