



21DN Series
VOUGE Flex Ultra
Air Handler Indoor Unit
Split System Cooling



SPECIFICATIONS | 60Hz

21 DN Series VOUGE Flex Ultra Air Handler Indoor Unit Split System Cooling Cooling : 24,000 - 60,000 Btuh (7.0-17.5kW)

INDOOR UNIT FEATURES

- ✓ 24 Volt Control Circuit
- ✓ Quiet Centrifugal Blower
- ✓ Painted Cabinet
- ✓ Accurator/Piston Refridgerant Control
- ✓ Throwaway Filters
- ✓ Easy Connect Sweat Connections

Notes:

1. Nominal capacities are based on ARI standards 210 / 240 - 89, air entering the indoor coil for cooling at 80/67 ° F (27/19 ° C) , DB/WB indoor & 95 ° F (35 ° C) ambient temperature, operating at high fan speed for 220-240 volt, 60 Hz operation.
2. Ratings are based on indoor and outdoor units connected by 16 ft (5 m) of tubing.
3. Refrigerant metering device is installed in the outdoor unit as standard.
4. Flare fittings are provided for connecting indoor and outdoor units.
5. Insulation of both liquid and suction line is required.
6. Outdoor units are shipped with full operating charge.
7. For details of model number nomenclature, please refer to publication DCTNOM-50314

MODEL NO.	21DN		024C	036C	048C	060C
			24-070DNC	24-105DNC	24-140DNC	24-175DNC
Cooling Capacity Nominal	Btuh (kW)		24,000 (7.0)	36,000(10.5)	48,000(14.0)	60,000(17.5)
Refrigerant Control			Accurator / Piston type @ Indoor unit			
Fan	Speed		3	3	3	3
	Air Flow (H)	CFM (m³/hr)	710 (1200)	971(1650)	1353(2300)	1382 (2350)
	Motor	HP	1/16	1/5	1/3	1/3
	Noise Level (H)	dBA	46	48	54	56
Electrical	Voltage		208-230/1/60			
	Range		min 187 - max 253			
	FLA		0.52	1.35	2.0	2.0
Controls			24V. Fan Relay Control			
Refrigerant Type			R22/R410A			
Refrigerant Connections inches (mm)	Type		Sweat			
	Liquid		3/8 (10.0)	3/8 (10)	3/8 (10)	1/2 (7.0)
	Suction		5/8 (15.88)	3/4 (19)	7/8 (22)	7/8 (22)
Drain Connections inches (mm)			3/4 (19)			
Dimensions inches (mm)	Height		43.5 (1105)	43.5 (1105)	48.2 (1224)	48.2 (1224)
	Width		18.1 (460)	18.1 (460)	21.3(540)	21.3(540)
	Depth		21.3(540)	21.3(540)	21.3(540)	21.3(540)
Net Weight lbs (kgs)			117 (53)	117 (53)	143 (65)	143 (65)



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