



DIMENSIONS

A	15-7/8
B	19-3/8
H	23
W	17-1/2
D	21-1/4

SPECIFICATIONS, FEATURES & FUNCTION SUMMARY

SPECIFICATIONS

TCAT36F/NaA

System Type HEAT PUMP

SYSTEM PERFORMANCE			
Cooling	Min - Max	Btu/h	18000 - 37000
	Capacity @95°F	Btu/h	32000
Heating	Min - Max	Btu/h	18000 - 38000
	Capacity @5°F	Btu/h	24000
	Capacity @17°F	Btu/h	22000
	Capacity @47°F	W	34000
SEER2			15.2
EER2			9.5
HSPF2			8.5
COP @5°F			1.8
COP @47°F			3.5
Cooling Temperature Range		°F	5 - 129
Heating Temperature Range		°F	-22 - 75
Refrigerant Type			R410A
INDOOR UNIT		TCAT36F/NaA	
Dehumidification		pt/hr	9.68
Condensate Drain Size (OD)		in	3 / 4
External Dimensions (W x H x D)		in	17-1/2 x 23 x 21-1/4
Package Dimension (W x H x D)		in	21 x 25-13/16 x 27-1/8
Refrigerant Charge - R410A		oz	8.8
Net Weight		lbs	64
Gross Weight		lbs	75
OUTDOOR UNIT		TU36-24WADU	
Power Supply		VAC	208-230V / 1Ph / 60 Hz
Sound Pressure Level		dB(A)	57
Control Voltage		VAC	24
Rated Current Cooling		A	21
Rated Current Heating		A	25
MCA		A	24
MOCP		A	35
Recommended Breaker Size		A	30
External Dimensions (W x H x D)		in	37 x 32-1/4 x 18-1/8
Package Dimension (W x H x D)		in	42-11/16 x 38-3/8 x 22-9/16
Net Weight		lbs	217
Gross Weight		lbs	240
Refrigerant Charge - R410A		oz	148
Additional Charge		oz/ft	0.32
REFRIGERANT PIPING			
Line Set Size (Liquid - Gas) - Flared Connections		in	3/8 - 3/4
Pre-Charge Length		ft	31
Additional Charge		oz/ft	0.32
Pipe Length (Min - Max)		ft	10 - 164
Max. Pipe Elevation		ft	100

FEATURES & FUNCTIONS SUMMARY

SYSTEM FEATURES	TCAT36F/NaA / TU36-24WADU
Compressor	Inverter
Ultra Low Frequency Torque Control	Yes
Power Factor Correction	Yes
Compressor Type	Rotary
Refrigerant Type	R410A
Outdoor Electronic Expansion Valve (EEV)	Yes
Indoor TXV Control	Yes
Basepan With Electric Heater	Yes
Compressor With Electric Heater	Yes
Fin Coating (Outdoor - Golden & Indoor - Blue)	Acrylic Resin
Intelligent Defrosting	Yes
Intelligent Preheating	Yes
Low Voltage Startup	Yes
Memory/Power Failure Recovery	Yes
Self Diagnosis	Yes
Low Ambient Cooling	Yes
24VAC Thermostat Compatible	Yes