



TOSOT

T-UNIX

TOSOT

UNIVERSAL DC INVERTER HEAT PUMP

**Model:
TU36-24WADU**



HEAT PUMP		
Model		TU36-24WADU
Performance		
Cooling Rated Capacity	Btu/h	36,000
Cooling Cap. Range Min-Max	Btu/h	18,000~36,000
Energy Efficiency	Seer	Up to 20.5
Heating Rated Capacity	Btu/h	36,000
Heating Max Capacity(-5°F)	Btu/h	25,500
Heating Max Capacity(-22°F)	Btu/h	18,360
Heating Cap. Range Min-Max	Btu/h	18,000~36,000
Operating Range		
Cooling Outdoor DB Min-Max	°F	5~119
Heating Outdoor DB Min-Max	°F	-22~75
Electrical		
Voltage, Phase, Cycle	V/Ph/Hz	208/230-1-60
Rated Current Cooling	A	21
Rated Current Heating	A	25
MCA	A	24
MOP	A	35
Piping		
Total Piping Length	ft	98
Piping Lift*	ft	49
Pipe Connection Size - Liquid	in	3/8
Pipe Connection Size - Suction	in	3/4
Pipe Connection Type		Flare or Solder
Refrigerant		
Type		R410A
Charge	lb	9.3
Compressor		
Type		Inverter Rotary
Outdoor		
Dimensions(W x D x H)	in	37 x 20-7/8 x 32-1/4
Net Weight	lb	218
Sound Rating	dB(A)	62

**Heat pump unit above or below indoor unit*

Job Name:		Date:	
Reference #:			
Signature:			

TOSOT NORTH AMERICA

930 W 21ST STREET, CHICAGO IL 60608

TEL: +1(312)800-8455

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COOLING PERFORMANCE

Outdoor Ambient Temperature (DB)	Indoor Temperature											
	60°F				70°F				80°F			
	TC	Input Power (Watts)	EER	SHC	TC	Input Power (Watts)	EER	SHC	TC	Input Power (Watts)	EER	SHC
50°F	23400	2120	11.03	16510	30600	2510	12.19	21590	36000	2650	13.58	25400
65°F	24050	2080	11.56	16900	31450	2470	12.73	22100	37000	2600	14.23	26000
75°F	19500	1440	13.54	14625	25500	1710	14.91	19125	30000	1800	16.66	22500
85°F	23400	2400	9.75	16575	30600	2850	10.73	21675	36000	3000	12.00	25500
95°F	23400	2610	8.96	16380	30600	3100	9.87	21420	36000	3270	11.00	25200
105°F	23400	3680	6.35	16185	30600	4370	7	21165	36000	4600	7.82	24900
115°F	21450	3440	6.23	15730	28050	4080	6.87	20570	33000	4300	7.67	24200

HEATING PERFORMANCE

Outdoor Ambient Temperature (DB)	Return Air Temperature											
	60°F				70°F				80°F			
	TC	Input Power (Watts)	COP		TC	Input Power (Watts)	COP		TC	Input Power (Watts)	COP	
-22°F	18600	4060	4.50		18430	4150	4.44		18000	4190	4.29	
-15°F	21300	4340	4.90		21100	4430	4.76		20600	4470	4.6	
-5°F	25500	4530	5.62		25250	4630	5.45		24750	4670	5.29	
5°F	30150	4860	6.20		29850	4960	6.01		29253	5010	5.83	
17°F	36360	5440	6.68		36000	5550	6.49		35280	5600	6.3	
32°F	36360	4700	7.73		36000	4800	7.50		35280	4850	7.27	
47°F	36360	3200	11.36		36000	3270	11.01		35280	3300	10.69	
60°F	38580	3330	11.58		38200	3400	11.24		37400	3400	11	

DB --- Dry Bulb

WB --- Wet Bulb

TC --- Total Capacity (BtuH)

SC --- Sensible Capacity (BtuH)

COP --- Coefficient of Performance

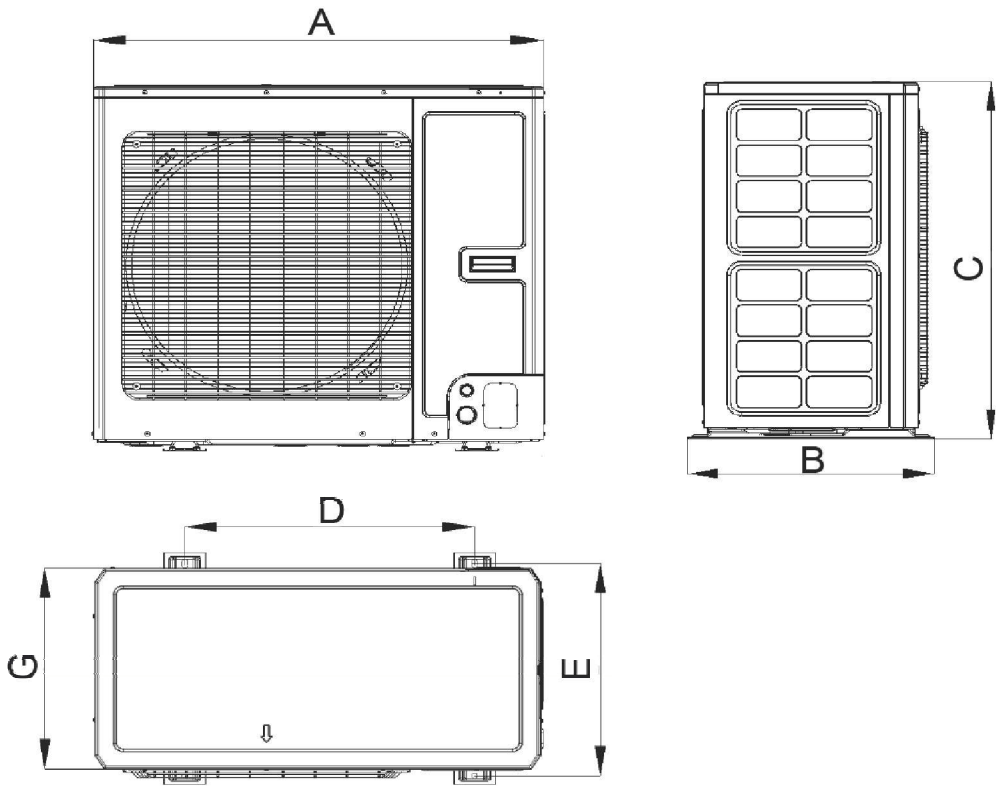
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	Dimensions					
Model #	A	B	C	D	E	G
TU36-24WADU	37"	20-7/8"	32-1/4"	24"	19-1/8"	18-1/8"



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