



SINGLE ZONE WALL MOUNTED HEAT PUMP SYSTEM

TW36HQ2B4D		
Indoor Unit		TW36HQ2B4DI
Outdoor Unit		TW36HQ2B4DO
Performance		
Cooling Rated Capacity	Btu/h	33,600
Cooling Cap. Range Min-Max	Btu/h	7,404~35,997
SEER/EER		18.0/8.2
Heating Rated Capacity(47°F)	Btu/h	34,600
Heating Rated Capacity(17°F)	Btu/h	20,200
Heating Cap. Range Min-Max	Btu/h	14,979~35,997
HSPF/COP		9.0/2.7
Electrical		
Voltage, Phase, Cycle	V-Ph-Hz	208/230-1-60
Voltage Range	V	187~253
MCA	A	24.0
MOP	A	40
Compressor RLA	A	17.5
Fan Motor FLA	A	0.73
Cooling Power Input	W	4,100
Heating Power Input	W	3,800
Piping		
Pipe Length Min-Max	ft	10~98
Piping Lift	ft	33
Liquid Line	in	1/4
Vapor Line	in	5/8
Connection Type		Flare



Operating Range		
Cooling Outdoor DB	°F	0~109
Heating Outdoor DB	°F	-4~75
System Data		
Compressor Type		DC Inverter Rotary
Refrigerant Type		R410A
Pre-Charge	oz	91.7
Pre-Charge Length	ft	25
Additional Charge	oz/ft	0.5
Refrigerant Control		EXV
ODU Sound Pressure (Cooling/Heating)	dB(A)	65/65
IDU Sound Pressure (Cooling Min/Max)	dB(A)	37/54
IDU Sound Pressure (Heating Min/Max)	dB(A)	37/54
IDU Airflow (Cooling Min/Max)	cfm	559/883
IDU Airflow (Heating Min/Max)	cfm	559/883
Dehumidification	pts/hr	7.40



Job Name:		Date:	
Reference #:			
Signature:			

TOSOT NORTH AMERICA
 930 W 21ST STREET, CHICAGO IL 60608
 TEL: +1(312)800-8455
 EMAIL: SALES@TOSOT-NA.COM



COOLING PERFORMANCE*								
Outdoor Ambient DB	Indoor Ambient Temperature							
	68°F DB		73°F DB		80°F DB		82°F DB	
	57°F WB		61°F WB		67°F WB		68°F WB	
	TC	SHC	TC	SHC	TC	SHC	TC	SHC
5°F	19,555	15,337	20,658	16,196	23,315	18,286	23,665	18,561
14°F	20,803	16,316	21,977	17,230	24,803	19,454	25,175	19,745
23°F	22,792	17,879	24,379	19,123	27,933	21,909	28,352	22,237
32°F	23,932	18,773	25,598	20,079	29,330	23,004	29,770	23,349
41°F	25,129	19,712	26,878	21,083	30,796	24,154	31,258	24,517
50°F	26,385	20,697	28,222	22,138	32,336	25,362	32,821	25,742
59°F	27,640	21,677	29,564	23,186	32,379	25,388	32,864	25,769
68°F	31,303	24,551	33,259	26,081	35,542	27,876	36,075	28,294
77°F	30,933	24,265	32,900	25,806	35,216	27,622	35,744	28,037
86°F	29,412	23,065	31,368	24,606	34,237	26,852	34,751	27,255
95°F	27,836	21,832	29,781	23,351	32,607	25,575	33,096	25,958
104°F	26,488	20,775	28,422	22,294	31,759	24,914	32,236	25,288
113°F	25,129	19,707	27,064	21,226	30,411	23,846	30,868	24,204

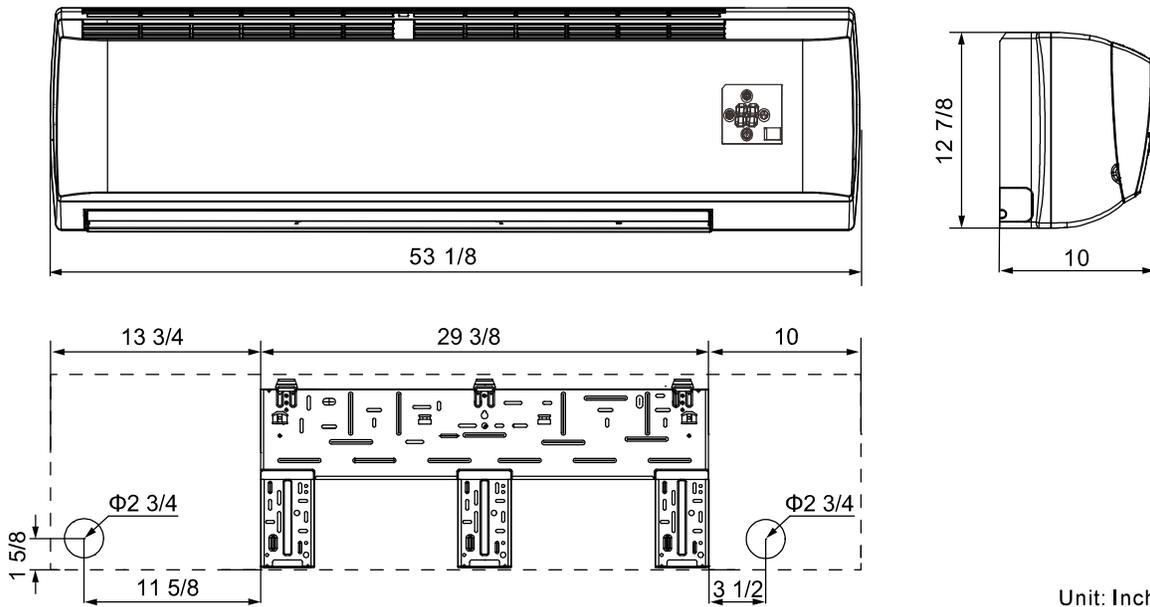
HEATING PERFORMANCE*								
Outdoor Ambient DB	Indoor Ambient Temperature							
	68°F DB		73°F DB		80°F DB		86°F DB	
	57°F WB		61°F WB		67°F WB		72°F WB	
	TC	SHC	TC	SHC	TC	SHC	TC	SHC
-4°F	17,515	17,515	17,220	17,220	16,718	16,718	16,525	16,525
0°F	18,979	18,979	18,663	18,663	18,104	18,104	17,894	17,894
6°F	20,022	20,022	19,685	19,685	19,104	19,104	18,874	18,874
10°F	20,854	20,854	20,506	20,506	19,895	19,895	19,664	19,664
16°F	21,486	21,486	21,128	21,128	20,489	20,489	20,253	20,253
19°F	21,896	21,896	21,538	21,538	20,885	20,885	20,643	20,643
24°F	24,361	24,361	23,992	23,992	23,322	23,322	23,108	23,108
32°F	27,226	27,226	26,857	26,857	26,156	26,156	25,972	25,972
41°F	30,501	30,501	30,143	30,143	29,395	29,395	29,248	29,248
43°F	31,323	31,323	30,954	30,954	30,208	30,208	30,069	30,069
47°F	34,040	34,040	33,450	33,450	32,416	32,416	31,997	31,997
53°F	34,377	34,377	33,777	33,777	32,739	32,739	32,313	32,313
59°F	35,167	35,167	34,546	34,546	33,478	33,478	33,050	33,050
64°F	35,915	35,915	35,283	35,283	34,197	34,197	33,756	33,756
70°F	36,589	36,589	35,957	35,957	34,843	34,843	34,398	34,398
75°F	37,105	37,105	36,452	36,452	35,333	35,333	34,872	34,872

* Maximum System Capacity
 TC - Total Capacity(Btu/h)
 SHC - Sensible Capacity(Btu/h)

TOSOT NORTH AMERICA
 930 W 21ST STREET, CHICAGO IL 60608
 TEL: +1(312)800-8455
 EMAIL: SALES@TOSOT-NA.COM

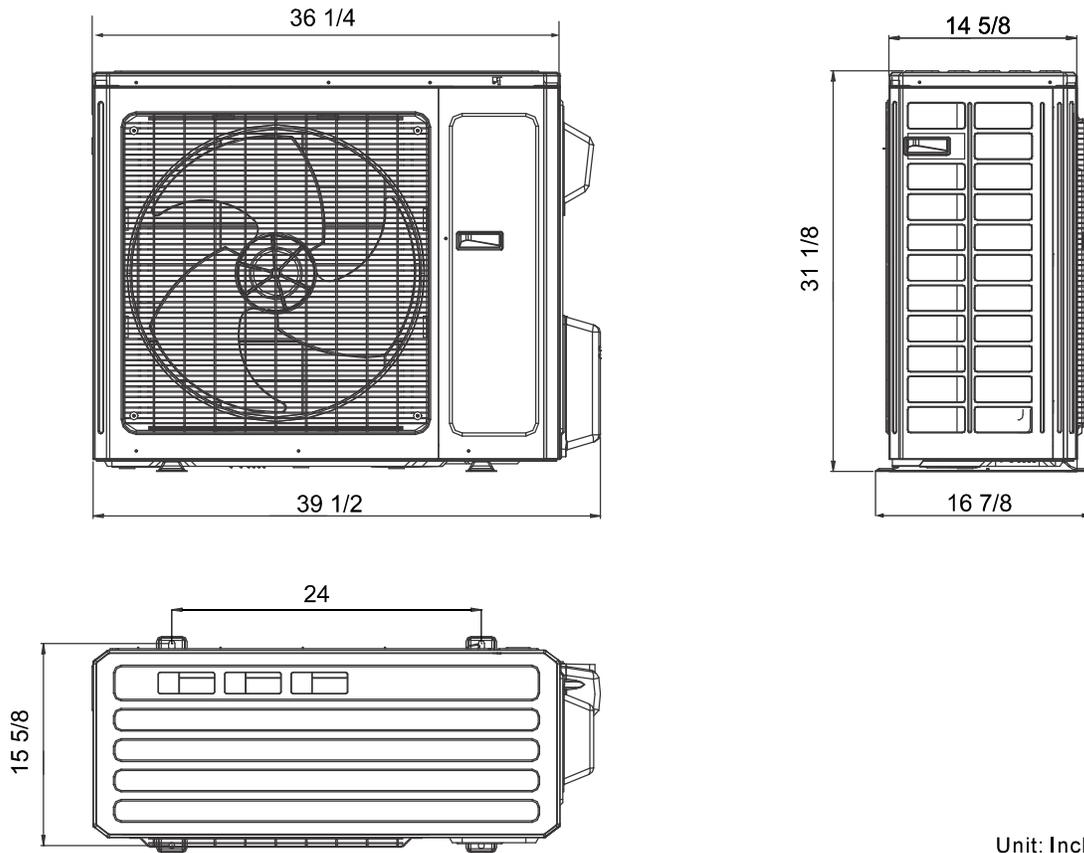


INDOOR UNIT DIMENSIONS



Unit: Inch

OUTDOOR UNIT DIMENSIONS





INSTALLATION DIAGRAM

