



# SUBMITTAL DATA SHEET

HEAT PUMP, 3 TON Model No. EA-RW36DCU & EA-RW36DAH

Unitary Side Discharge Split System			
Job Name	Location		Date
Purchaser	Engineer		
Submitted To	For	<input type="checkbox"/> Reference	<input type="checkbox"/> Approval <input type="checkbox"/> Construction
Unit Designation	Schedule No.		



OUTDOOR UNIT DATA - EA-RW36DCU		
Compressor Type	Rotary, Variable	
Refrigerant	R32	
Factory Charge(Oz)	91.7	
Refrigerant Oil	RB68GX	
Outdoor Air Flow (Max) (CFM)	2650	
Outdoor Noise Level (dBA)	67	
Dimension (WxDxH)	inch	38.98x16.77x31.1
	mm	990x426x790
Package (WxDxH)	inch	41.61x18.98x33.66
	mm	1057x482x855
Net/Gross Weight	lbs	132/143
	kg	60/65

INDOOR UNIT DATA - EA-RW36DAH-A		
Indoor Air Flow (H/L) (CFM)	1150/950	
Indoor Noise Level (H/L) (dBA)	44/40	
Dimension (WxDxH)	inch	19.8x22.13x45.75
	mm	503x562x1162
Package (WxDxH)	inch	24.4x26.85x51.5
	mm	620x682x1308
Net/Gross Weight	lbs	141/163
	kg	64/74

SYSTEM RATINGS			
EFFICIENCY			
Cooling		Heating	
SEER2	20.2	HSPF2-4	10.2
EER2	11.5	COP2	3.86

PERFORMANCE of Cooling	
Cooling (Btu/hr)	
Rated Capacity	34200
Min/Max Capacity	10600/36400
Moisture Removal (Gal/h)	9.9
Standard Operating Range	50°F~129°F(10°C~54°C)
Rated Cooling Conditions:	Indoor: 80°F DB / 67°F WB Outdoor: 95°F DB / 75°F WB

ELECTRICAL		
	ODU	IDU
Power Supply	208/230-1-60	115/208/230-1-60
Connection Wiring	12AWG	16AWG
Compressor RLA	15.44	/
Fan Motor RLA	1.8	2.87/5.35(230V/115V)
Fan Motor W	180	354/409
Rated Power Input @ Cooling (W)	2650	354/409
Rated Power Input @ Heating (W)	2400	354/409
Recommended breaker size(A)	25	15
MCA: Min. circuit amps (A)	22	5/8 (230V/115V)
RLA: Rated load amps (A)	14	2.87/5.35 (230V/115V)
System MOCP(A)	35	6/10(230V/115V)

PERFORMANCE OF HEATING	
Heating (Btu/hr)	
1. @ 47°F Rated (Min/Max)	35000 (11000/37000)
2. @ 17°F Rated	27400
3. @ 5°F Max: Capacity / COP2	26600 / 2.30
Standard Operating Range	-13°F ~ 86°F
1. Rated Heating Conditions:	Indoor: 70°F DB / 60°F WB Outdoor: 47°F DB / 43°F WB
2. Rated Heating Conditions:	Indoor: 70°F DB / 60°F WB Outdoor: 17°F DB / 15°F WB
3. Heating Conditions, Compressor Operating at Max. Frequency	Indoor: 70°F DB / 60°F WB Outdoor: 5°F DB / -

PIPING	
Liquid Size(in)	3/8
Gas Size(in)	5/8
Drain Size(in)	3/4
Max. Piping Length(ft)	131
Max. Height Difference(m)	66
Max. Pre-charged Length(m)	25
Refrigerant Pre-charged Amount(oz)	92
Additional Charge of Refrigerant (oz/ft)	0.43
Connection Method	Threaded