

Mitsutomo Submittal Data Sheet

36k High Heat Slim Ducted Heat Pump System

Job Name: _____

Engineer: _____

Submitted By: _____

Date: _____

Unit Tag: _____

System Info & Features:

- Slim design
- Up to .8" Static Pressure
- Heating down to -22 deg
- Self diagnostics
- Super quiet
- 7 Day Programmable Wall Thermostat



MODEL NUMBER	
Indoor unit:	HD-UZ36-BB-Q
Outdoor unit:	HO-SZ36-BB-Q
Certified:	

OPTIONAL ACCESSORIES	
3rd Party Thermostat Interface Adapter	17222000A68532

SYSTEM PERFORMANCE DATA			
Electrical:			
Normal Operational Voltage	(V, Ph, Hz)	208/230V,1Ph, 60Hz	
Minimum circuit ampacity (outdoor)	(A)	40.0	
Max fuse (outdoor)	(A)	50.0	
Connection wiring	14AWG*2	Stranded, shielded	
Cooling Efficiencies & Capacity Data:			
Capacity	(Btu/h)	36000(9770~41600)	
Power Input	(W)	3950(480~4130)	
Current	(A)	17.5(3.73~17.9)	
SEER2	(Btu/W)	16.5	
EER2	(Btu/W)	9.0	
Heating Efficiencies & Capacity Data:			
Capacity	(Btu/h)	42000(12700~52000)	
Power Input	(W)	3700(670~4755)	
Current	(A)	16.9(4.97~21.03)	
HSPF2-4	(Btu/W)	11.0	
HSPF2-5	(Btu/W)	8.8	
COP	W/W	3.33	
Heat at 17F (H32)	(Btu/h)	34000	
Heat at 5F (H42)	(Btu/h)	36000	
COP at 5F (H42)	W/W	1.98	
Temperature Ratings:			
Indoor (cooling)	(Deg. °F)	62~90	
Indoor (heating)	(Deg. °F)	32~86	
Outdoor (cooling)	(Deg. °F)	5~122	
Outdoor (heating)	(Deg. °F)	-22~75	

INDOOR UNIT DATA		
Input	(W)	250.00
Output	(W)	300.0
RLA	(A)	1.6
Speed(Hi/Mi/Lo)	(RPM)	1130/1050/990
Air Flow & Sound Data:		
Indoor air flow (Hi/Med/Lo)	(CFM)	1081.76/912.35/702.94
Indoor noise level (Hi/Med/Lo)	(DBA)	49.5/46.5/43.0
Dry Mode (Dehumidification)	(LPH)	2.85

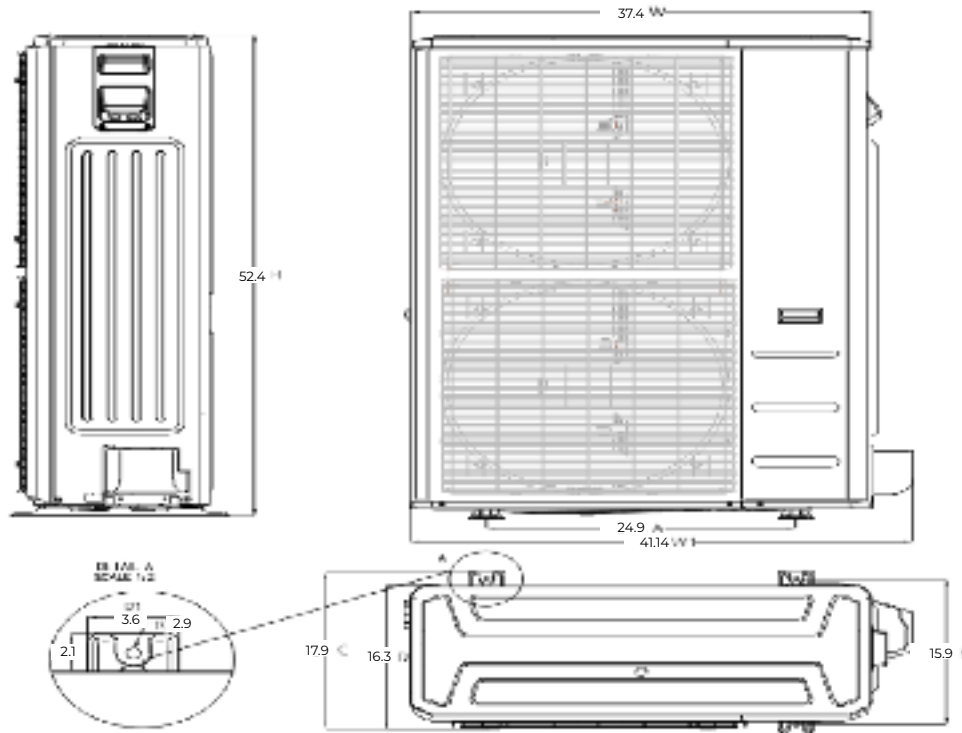
OUTDOOR UNIT DATA		
Compressor:		
Type		Rotary
Capacity	(Btu/h)	44015
Input	(W)	3565
Rated current (RLA)	(A)	32
Outdoor Fan Motor:		
Qty		2
Input	(W)	126.0
Output	(W)	85
RLA	(A)	1.2
Speed	(RPM)	800/750/650
Airflow & Sound Data:		
Outdoor air flow (Max.)	(CFM)	4500
Outdoor noise level	(DBA)	65.0

REFRIGERANT PIPE DATA		
Refrigerant type		R410A
Refrigerant charge	(oz)	148.40
Design pressure	(PSIG)	550/340
Liquid side / Gas side	(inch)	3/8" / 5/8"
Max. pipe length	(ft)	213.3
Max. height difference	(ft)	98.4
Refrigerant Precharge	(ft)	25.0
Additional charge for each ft	(oz/ft)	0.32
Connection method		Flared
Refrigerant oil / oil charge	(ml)	1460±15ml/ESTER OIL VG74

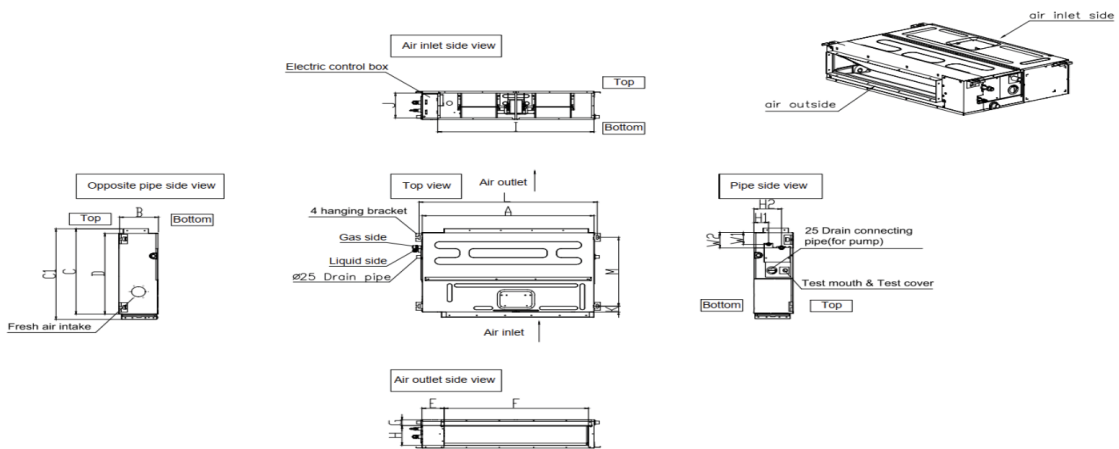
Dimensions:		
Indoor:		
Dimension (WxDxH)	(inch)	53.54x30.47x9.80
Packing(WxDxH)	(inch)	61.81x31.69x12.99
Net/Gross weight	(lbs.)	110.89/128.09
Outdoor:		
Dimension (WxDxH)	(inch)	37.48x16.34x52.48
Packing(WxDxH)	(inch)	43.11x19.49x58.27
Net/Gross weight	(lbs.)	220.24/248.02

WARRANTY	
	5 years compressor 5 years parts

Outdoor Unit Dimension



Indoor Unit Dimension



Model	Outline Dimension					Air Outlet Opening Size				Air Return Opening Size			Install Hanger Size		Size of Refrigerant Pipe			
	Unit	A	B	C	D	E	F	G	H	I	J	K	L	M	H1	H2	W1	W2
36	inch	53.5	9.8	30.5	27.6	5.5	46.7	2.0	6.9	49.6	9.0	0.2	55.1	23.5	3.1	5.9	5.1	6.1