

Job Name : _____
Purchaser : _____
Engineer : _____
Submitted To : _____
Submitted By : _____
Unit Designation : Schedule No.: _____

Location : _____
P.O. No. : _____
Architect : _____
Date : _____
For : ☐ Reference ☐ Approval ☐ Construction
Model No.: _____

Submittal Data : LC246HV

Ceiling Cassette Single Zone Mini-Split



System Model

Indoor Model # LCN246HV
Outdoor Model # LUU246HV



Performance

Capacity Cooling (BTUs)	23,000
Heating (BTUs)	25,000
SEER	14
HSPF	7.7
EER	9.8/9.2
Air Circulation (CFM H/M/L)	636/565/494
Fan Speeds (Fan/Cooling/Heating)	4/5/4
Dehumidification (pts/hr)	2.1
Sound Data - Indoor $\pm$ 3dB(A)	39/37/34
Sound Data - Outdoor $\pm$ 3dB(A)	55

Electrical :

Outdoor Unit:

Rated Voltage Outdoor (V, Hz, Ph)	208-230/60/1
Maximum Overcurrent Protection (A)	25
Minimum Circuit Ampacity (A)	17.6
Cooling Running Current (Rated) (A)	11.0
Heating Running Current (Rated) (A)	16.1
Compressor Running Current (Rated) (A)	13.1
Fan Motor Running Current (Rated) (A)	0.6

Indoor Unit:

Rated Voltage Indoor (V, Hz, Ph)	208-230/60/1
Power Input (Rated)	
Cooling (kW)	2.5
Heating (kW)	2.55

Dimensions (WxHxD) :

Indoor Dimension (inches)	33 x 8 x 33
Indoor Weight (lbs)	46.3
Cassette Grill Dimension (inches)	37 3/8 x 1 15/32 x 37 3/8
Cassette Grill Weight (lbs)	11.0
Outdoor Dimension (inches)	34 1/4 x 31 13/16 x 12 19/32
Outdoor Weight (lbs)	132.3

Standard Features :

- Limited Five Year Compressor Warranty
- Limited Two Year Functional Parts Warranty
- Inverter (Variable speed compressor)
- R-410a Refrigerant
- Internal condensate pump
- Swirl Wind
- Jet Cool
- Independent vane control
- Evaporator frost control
- Auto restart
- Auto changeover
- Ultra-quiet turbo fan
- Gold Fin TM Anti-Corrosion Treatment for Condenser
- Built-in low ambient standard, down to 14°F (cooling mode)

Refrigerant Piping :

Refrigerant Type	R410a
Refrigerant Charge (25ft)(lbs)	4.41
Liquid Side (inches, O.D)	3/8
Suction Side (inches, O.D)	5/8
Additional Refrigerant (oz./ft.)	0.38
Maximum Pipe Length (ft)	98
Piping length (no add'l refrigerant, ft.)	25
Maximum Elevation (ft)	66

Operating Range (Indoor) :

Cooling (°F)	64-90
Heating (°F)	61-86

Operating Range (Outdoor) :

Cooling (°F)	14-115
Heating (°F)	5-75

Accessory

REQUIRED Cassette Grill (Sold Separately) : PT-UMC
Optional Plasma Kit (Sold Separately) : PTPKM0



Wired Remote Controller (PQRCUSA1)
included in indoor unit package



Wireless Remote Controller (PQWRHDF0)
included in indoor unit package

Note :

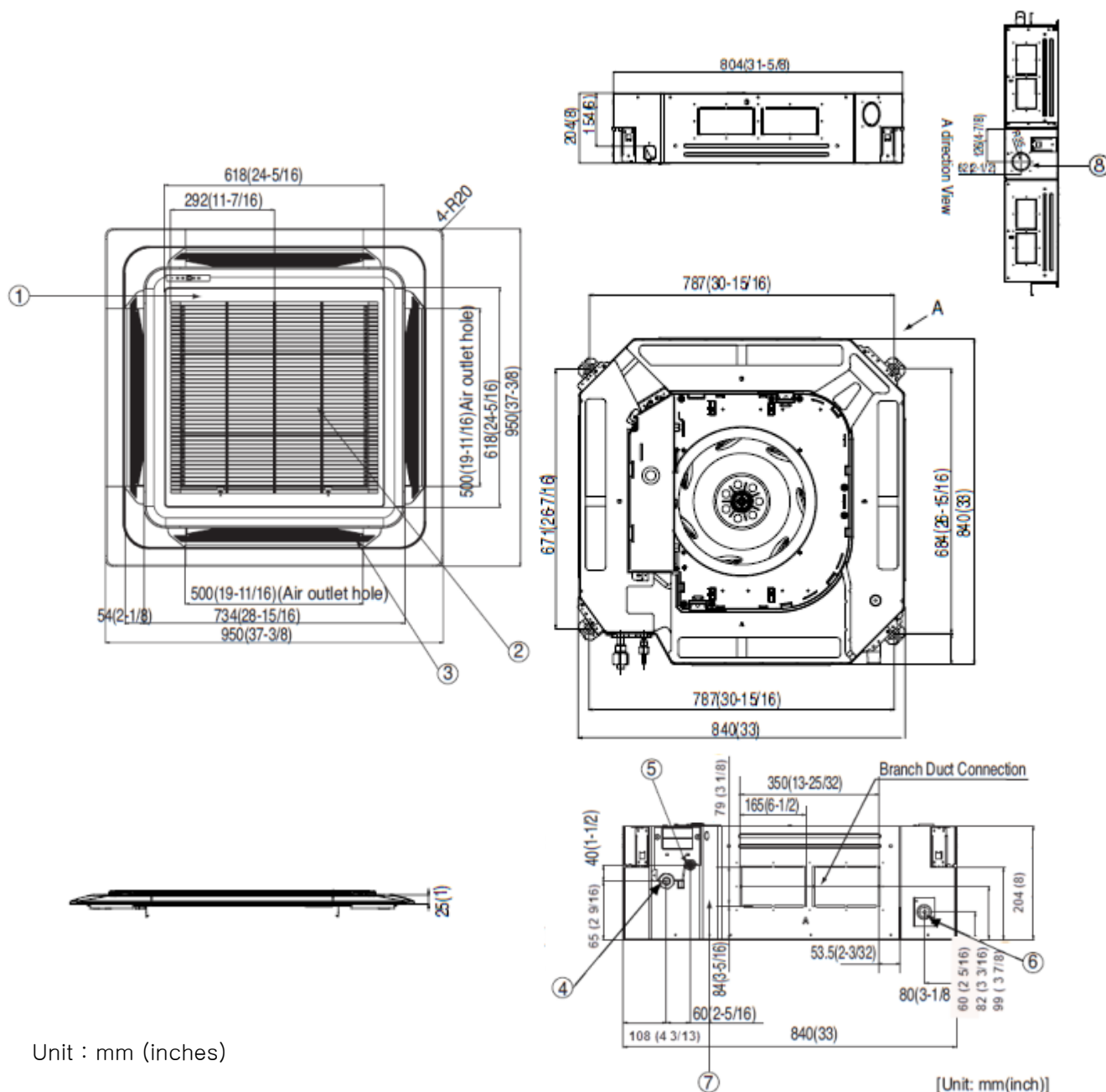
Ceiling Cassette Single Zone Mini-Split



LCN246HV



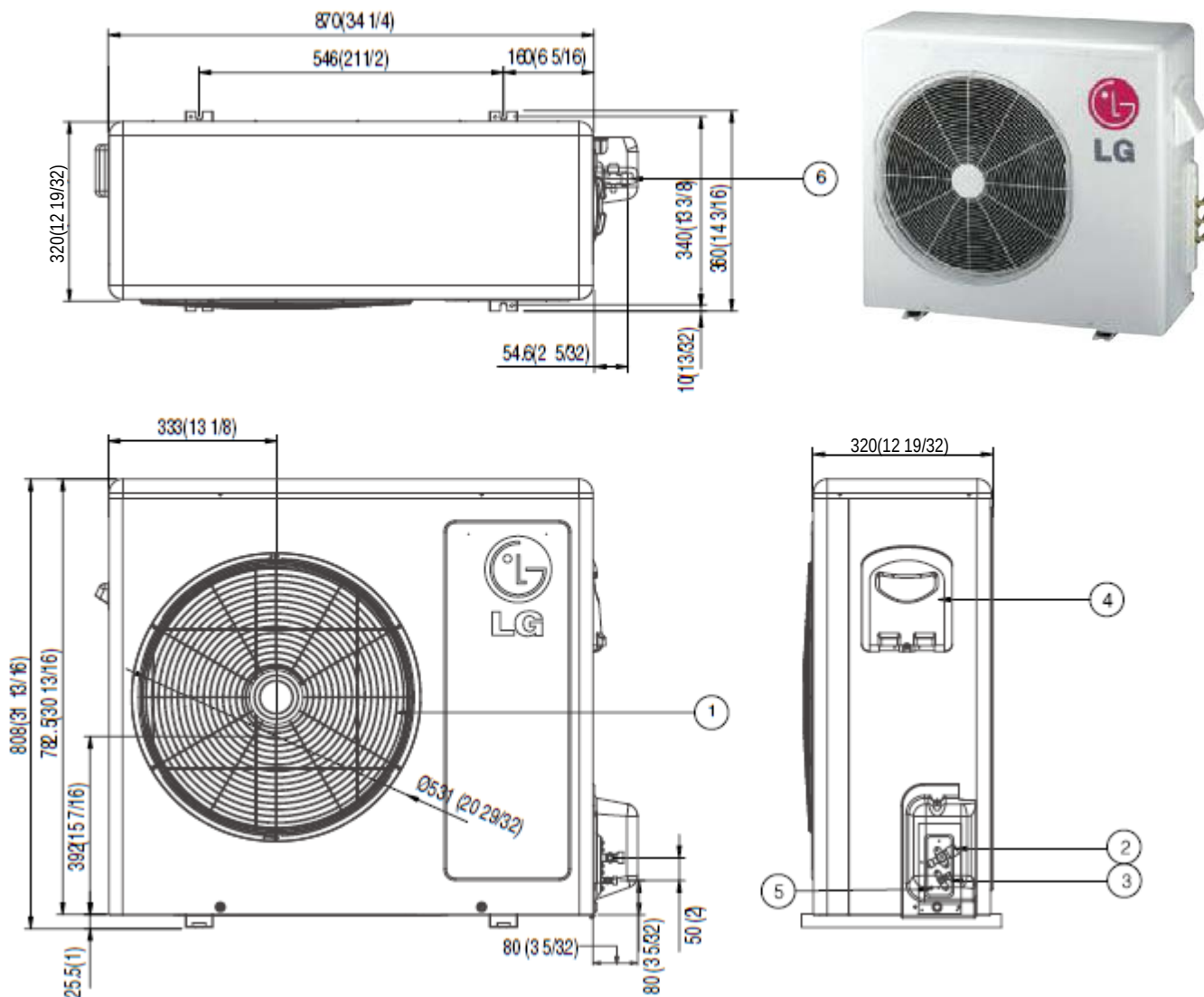
No.	Part Name	Remark
1	Decoration panel	PT-UMC
2	air suction grille	
3	Air discharge grille	
4	Gas pipe connection	
5	Liquid pipe connection	
6	Drain pipe connection	
7	Power supply connection	
8	Fresh air connection	Ø70



Unit : mm (inches)

Dimension :

LUU246HV



Unit : mm (inches)

No.	Part Name	Remark
1	Air discharge grille	
2	Gas pipe connection	
3	Liquid pipe connection	
4	Power & transmission connection	
5	Earth screw	
6	SVC valve cover	