



Project Name:	
Location:	
Engineer:	
Submitted to:	
Submitted by:	
Reference:	
Approval:	
Date:	
Construction:	
Unit #:	
Drawing #:	
Indoor unit model	LUC36-14
Outdoor unit model	BAR36-14

PERFORMANCE DATA

Power supply	Ph-V-Hz	208/230V 1Ph 60Hz
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Cooling

Capacity	Btu/h	34500
Input	W	2949
Rated current	A	14.2
EER	Btu/w	11.7
SEER	Btu/w	14

Electrical

Compressor

Model		HITACHI
Type/Brand		ASH280DG-C8DU
RLA-LRA	A	11.9 -60

SYSTEM DATA

Refrigerant type		R410a
Refrigerant Weight	lbs	123.46
Refrigerant precharge	ft	25
Liquid side/ Suction side	inch	3/8 / 3/4
External Static Pressure	IN. W.C.	0.5

Operation temperature

Indoor(cooling/ heating)	Deg. F	62~90
Outdoor(cooling/heating)	Deg. F	40~120

INDOOR UNIT DATA

Indoor noise level (Hi/Lo)	dB(A)	51
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Indoor unit

Dimension(W*D*H)	inch	19.68×45.75×22.05
Packing (W*D*H)	inch	22.83×47.64×25.59
Net/Gross weight	lbs.	134/146

OUTDOOR UNIT DATA

Outdoor fan motor

Type		PSC
Capacitor	uF	6
Rated RPM	r/min	850
Rated HP		0.142857143
FLA	A	1

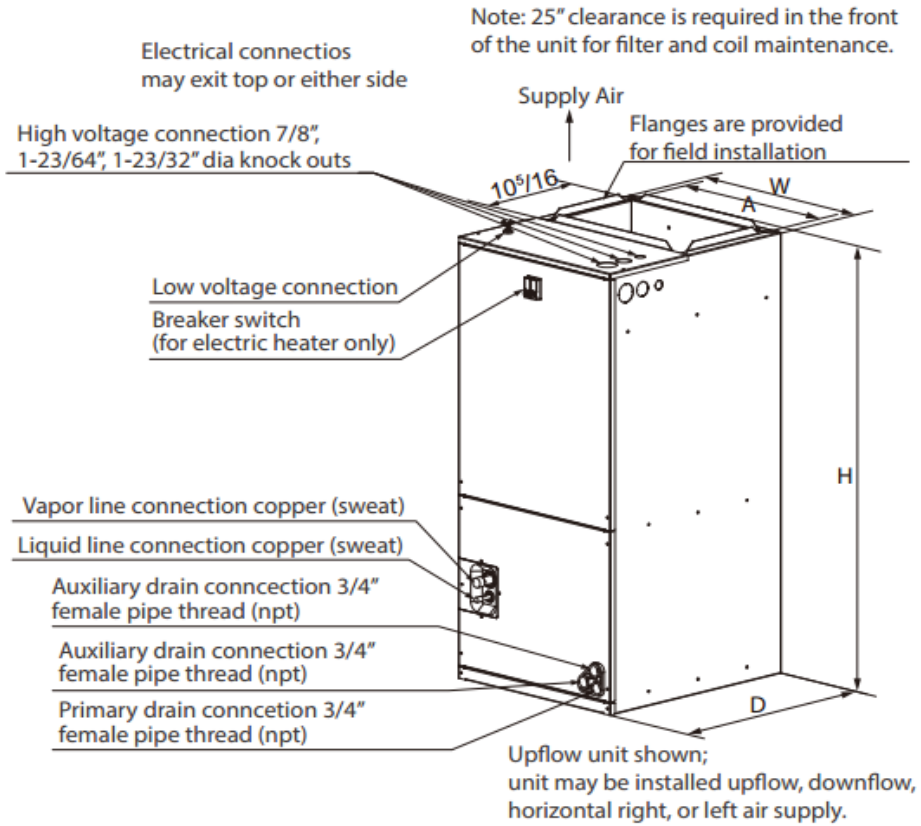
Air flow & Noise level

Outdoor air flow	CFM	2800
Outdoor noise level	dB(A)	60

Outdoor unit

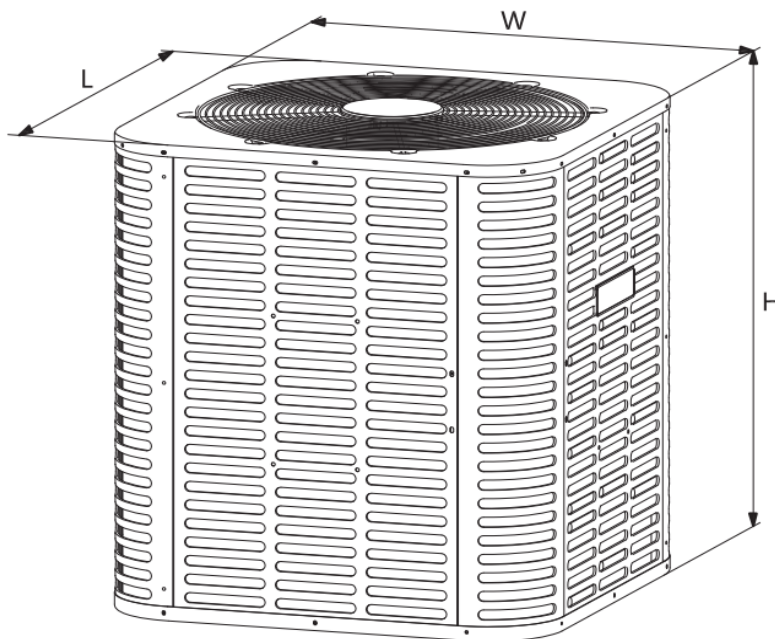
Dimension(W*D*H)	inch	29.13×24.92×29.13
Packing (W*D*H)	inch	29.92×25.98×29.92
Net/Gross weight	lbs.	157/163

INDOOR UNIT



Model	Dimensions Inch [mm]		
	Unit Height "H" IN.	Unit Width "W" IN.	Unit Length "D" IN.
18-42	45.75	19.68	22.05
48-60	45.75	19.68	24.53

OUTDOOR UNIT



Condenser	size (Lx H x W)
BAR18-14	21.81×24.92×21.81

BAR24-14	21.81×24.92×21.81
BAR30-14	21.81×24.92×21.81
BAR36-14	29.13×24.92×29.13
BAR42-14	29.13×33.19×29.13
BAR48-14	29.13×33.19×29.13
BAR60-14	29.13×33.19×29.13



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Indoor unit model	LUC42-14
Outdoor unit model	BAR42-14

PERFORMANCE DATA

Power supply	Ph-V-Hz	208/230V 1Ph 60Hz
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Cooling

Capacity	Btu/h	42000
Input	W	3590
Rated current	A	17.3
EER	Btu/w	11.7
SEER	Btu/w	14

Electrical

Compressor

Model		LG
Type/Brand		ABG036KAC
RLA-LRA	A	15.2 -112

SYSTEM DATA

Refrigerant type		R410a
Refrigerant Weight	lbs	126.99
Refrigerant precharge	ft	25
Liquid side/ Suction side	inch	3/8 / 3/4
External Static Pressure	IN. W.C.	0.5

Operation temperature

Indoor(cooling/ heating)	Deg. F	62~90
Outdoor(cooling/heating)	Deg. F	40~120

INDOOR UNIT DATA

Indoor noise level (Hi/Lo)	dB(A)	54
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Indoor unit

Dimension(W*D*H)	inch	19.68×45.75×22.05
Packing (W*D*H)	inch	22.83×47.64×25.59
Net/Gross weight	lbs.	137/148

OUTDOOR UNIT DATA

Outdoor fan motor

Type		PSC
Capacitor	uF	6
Rated RPM	r/min	850
Rated HP		0.142857143
FLA	A	1

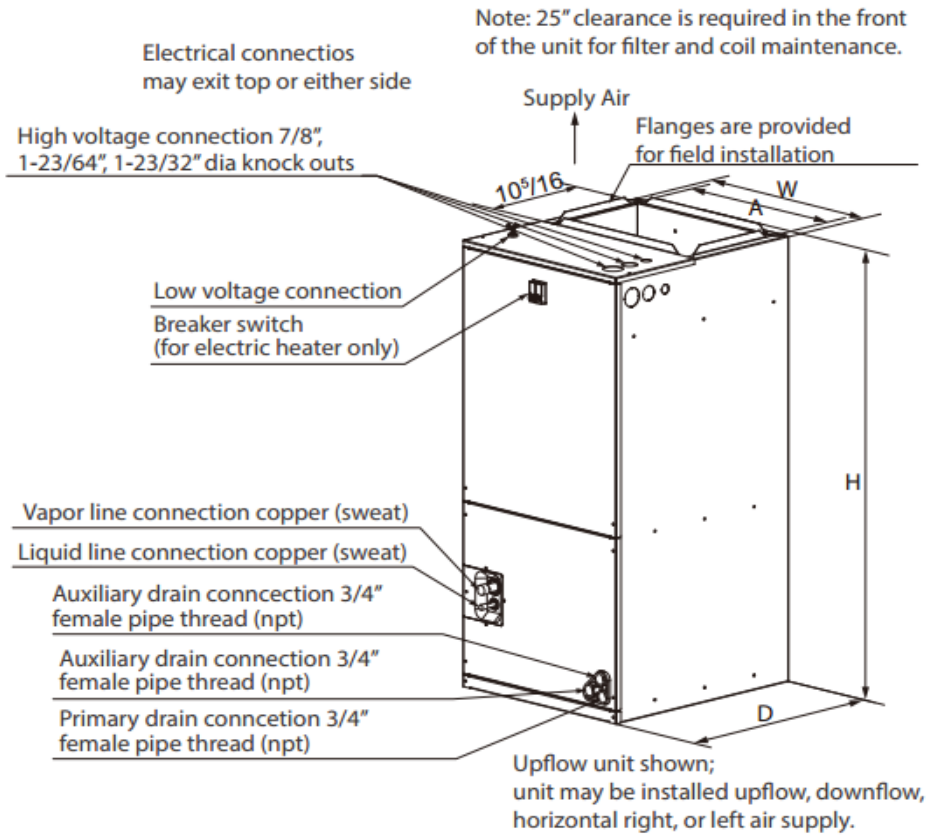
Air flow & Noise level

Outdoor air flow	CFM	4000
Outdoor noise level	dB(A)	60

Outdoor unit

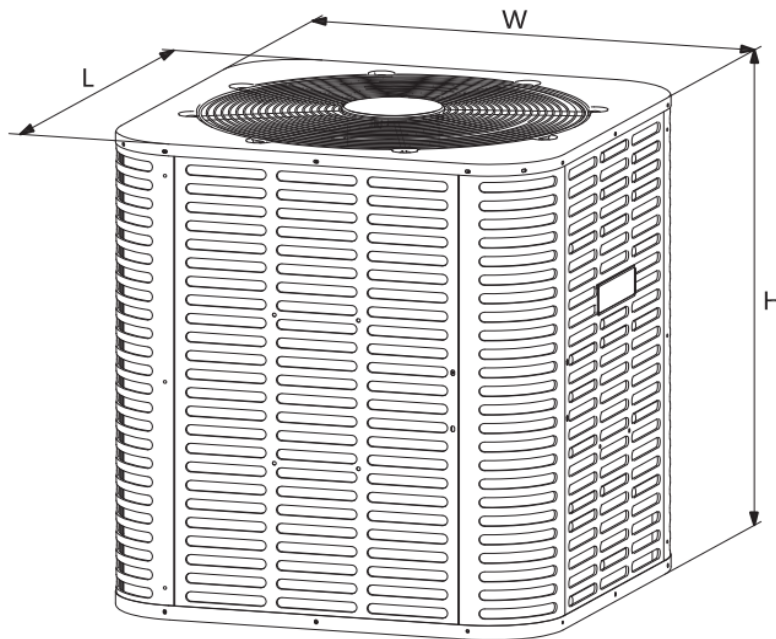
Dimension(W*D*H)	inch	29.13×33.19×29.13
Packing (W*D*H)	inch	29.92×34.45×29.92
Net/Gross weight	lbs.	192/192

INDOOR UNIT



Model	Dimensions Inch [mm]		
	Unit Height "H" IN.	Unit Width "W" IN.	Unit Length "D" IN.
18-42	45.75	19.68	22.05
48-60	45.75	19.68	24.53

OUTDOOR UNIT



Condenser	size (Lx H x W)
BAR18-14	21.81×24.92×21.81
BAR24-14	21.81×24.92×21.81

BAR30-14	21.81×24.92×21.81
BAR36-14	29.13×24.92×29.13
BAR42-14	29.13×33.19×29.13
BAR48-14	29.13×33.19×29.13
BAR60-14	29.13×33.19×29.13