

Submittal: GXH36(10.6)FMK4DH **Flex Match Outdoor Unit**

Job Name:	Location:	Date:
Purchaser:	Engineer:	
Submitted To:	For:	
Unit Designation:	Schedule #:	

- Features:**
- Inverter-driven Compressor and Fan
 - Flared Piping Connections
 - Wireless Remote Controller Included (Ductless)
 - Anti-corrosion coils
 - Intelligent defrost
 - Auto-Restart
 - Easy diagnosis
 - Limited 5-year parts & 7-year compressor warranty



SYSTEM RATINGS	
Rated Cooling Capacity:	34,018
Minimum Cooling Capacity:	8,871
Maximum Cooling Capacity:	35,826
Rated Heating Capacity:	42,514
Minimum Heating Capacity:	8,871
Maximum Heating Capacity:	44,356
SEER:	21
EER:	12.15
HSPF:	10.2
COP:	12.69

OUTDOOR UNIT DATA	
Compressor	
Type:	Inverter Rotary
RLA:	15.6
Fan Motor	
Output Power:	170
FLA:	0.82
Air Flow CFM (Max):	4,531
Sound Pressure	
Cooling:	61
Heating:	71
Physical Characteristics	
Dimensions:	
Width:	42.795
Height:	43.425
Depth:	17.323
Weight (Net lbs)	198.45

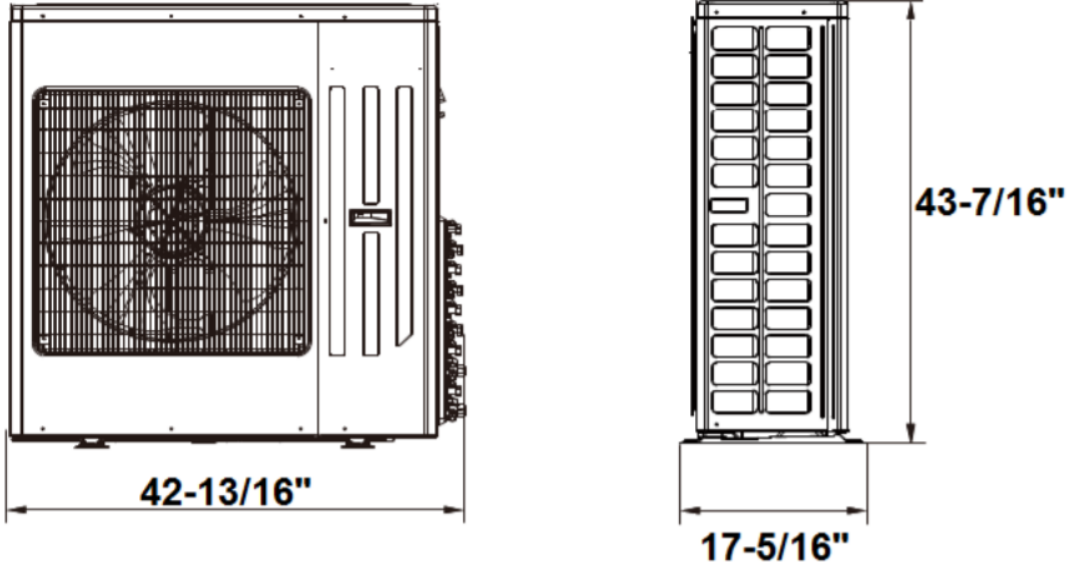
Operating Ambient Temperature Range (°F)	
Cooling (Min-Max):	0~ 118
Heating (Min-Max):	-4~ 86

Refrigerant Piping Data	
Refrigerant Type:	R-410A
Pre-charged Amount (Oz):	128.8
Additional amount (Oz/ft.):	0.215
<p><i>No additional refrigerant is needed if total line set length does not exceed 131.2 feet. If length exceeds 131.2 feet, add 0.2 Oz/ft</i></p> <p><i>See page 3 and 4 for piping limitations.</i></p>	

Power Supply	
Voltage (Min-Max):	176/253
Minimum Circuit Ampacity (MCA):	21
Max. Overcurrent Protection (MOCP):	30

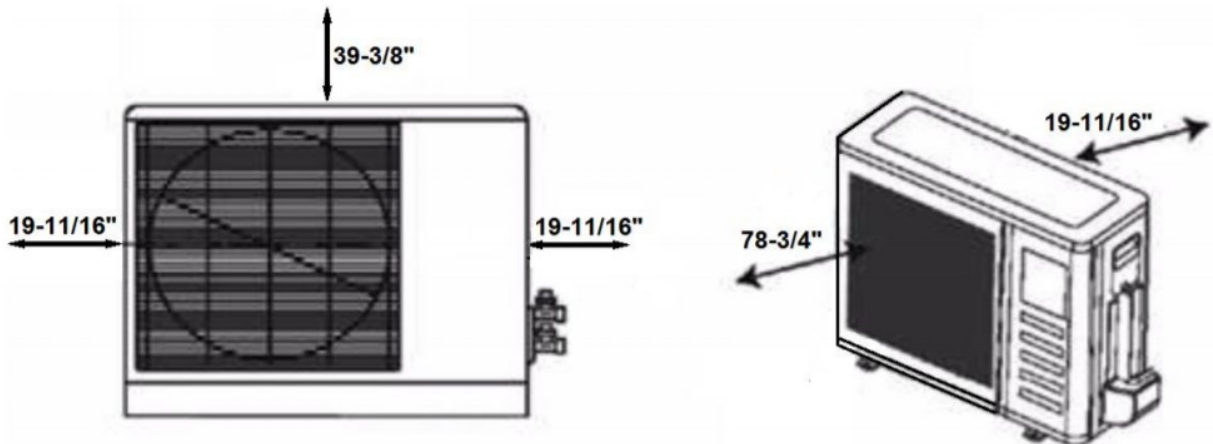
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Outdoor Unit Dimensions



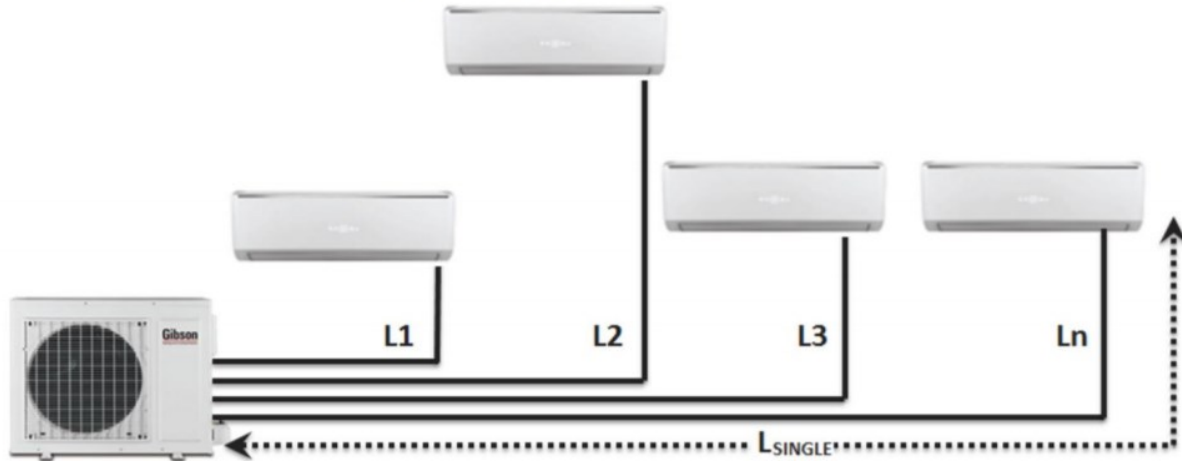
Outdoor Unit Piping Connection Size		
	"Liquid"	Gas
Circuit "A"	1/4"	3/8"
Circuit "B"	1/4"	3/8"
Circuit "C"	1/4"	3/8"
Circuit "D"	1/4"	3/8"
Circuit "E"	1/4"	3/8"

Outdoor Unit Minimum Clearances



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System Piping Length Information

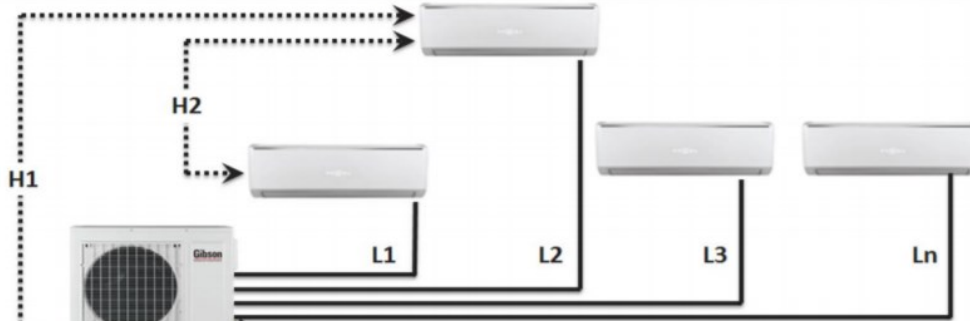


$$L_{TOTAL} = L1 + L2 + \dots + Ln$$

Model Number	Min. Piping Length Per Indoor Unit (Ln)	Max. Piping Length Per Indoor Unit (Ln)	Max. Total Piping Length (L _{TOTAL})
GXH18(5.3)FMK4DH	10	32.8	65.6
GXH24(7.0)FMK4DH	10	65.6	196.8
GXH30(8.8)FMK4DH	10	82	229.7
GXH36(10.6)FMK4DH	10	82	246.1
GXH42(12.3)FMK4DH	10	82	246.1

"L" is the linear equivalent length of liquid line including elbows.

System Piping Height Difference Information



$$L_{TOTAL} = L1 + L2 + \dots + Ln$$

Model Number	Max. Height Difference Between Indoor and Outdoor Units (H1)	Max. Height Difference Between Indoor Units (H2)
GXH18(5.3)FMK4DH	32.8	32.8
GXH24(7.0)FMK4DH	32.8	32.8
GXH30(8.8)FMK4DH	49.2	49.2
GXH36(10.6)FMK4DH	49.2	49.2
GXH42(12.3)FMK4DH	49.2	49.2

"H" is the difference in height measured from the piping connections.