Submittal-Charmo 12K 115V Minisplit

Job name:		**Submitted by:**	
Location:		**Submitted to:**	
Engineer:		**Unit tag:**	
Date:		**Drawing number:**	

Warranty information

Standard 7 years parts & compressor

Registered 12 years parts & compressor

Terms and conditions apply

Type

Energy Star Heat Pump ◯

Cold Climate Energy Star Heat Pump ◯

Model numbers

Indoor:	WLWH12HQ19SAI
Outdoor:	WLWH12HQ19SAO

Capacity range

Output (BTU/H)	Minimum	Rated	Max
Cooling:	3070	12000	13300
Heating:	3070	12000	14600

Certification

AHRI NO.	Energy Star

Heating performance

Output (BTU/H)	Minimum	Rated	Max
47F (8.3C)			
17F (-8.3C)			
5F (-15C)			

Efficency Ratings

SEER2	17.5
HSPF2	8.5
EER (W/W)	2.85
COP (W/W)	3.5

Outdoor temparature range

Cooling:	-18-48C	0-118F
Heating:	-25-24C	-13-75F

Electrical

Power supply	115V/60Hz/1Ph
Min/Max voltage	103-126Vac
MCA	19A
MOP	30A
Power Supply Wire	12/3 AWG
Interconnecting Wire	14/4 AWG

Condenser specifications

Connecting type	Screw Connection
Liquid line size	1/4in (6mm)
Gas line size	3/8in (9.52mm)
pre-charge length	24.6ft (7.5M)
MIN. Refrigerant Pipe Length	10 ft (3M)
MAX. Refrigerant Pipe Length	100 ft (30M)
MAX. Vertical Height difference (total)	60 ft (20M)
Refrigerant Type	R-410A
Factory Charge	17.6 oz
Additional Charge	0.2 oz/ft
Sound Pressure Level	52dB (A)

Features:

Capillary Expansion
Rotary compressor
Basepan heater
Compressor electric heater

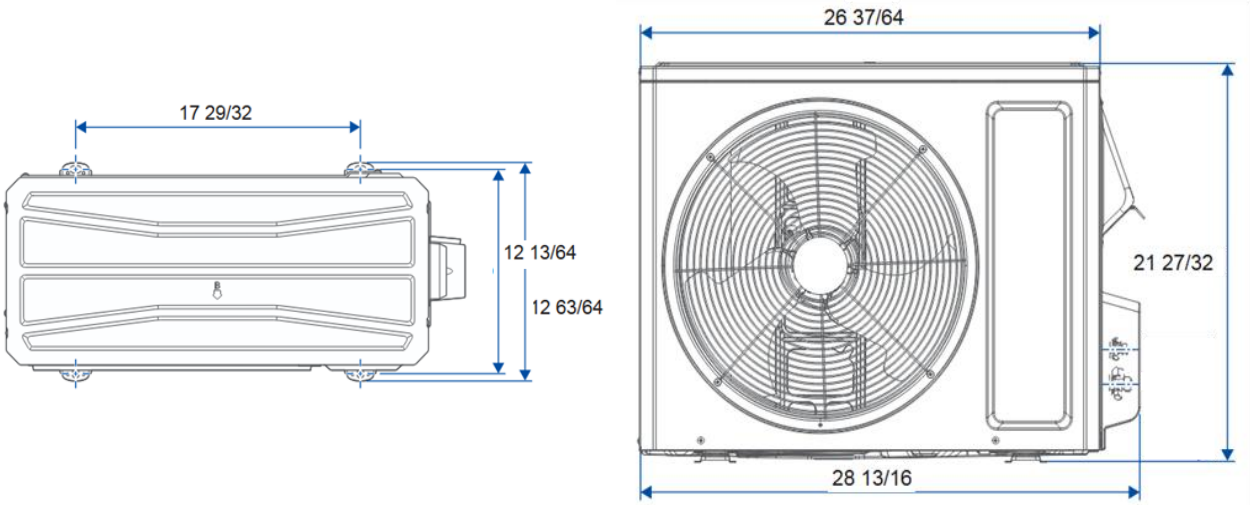
Weight

Gross weight:	60.6Lbs (27.5Kg)
Net weight:	55.1Lbs (25Kg)

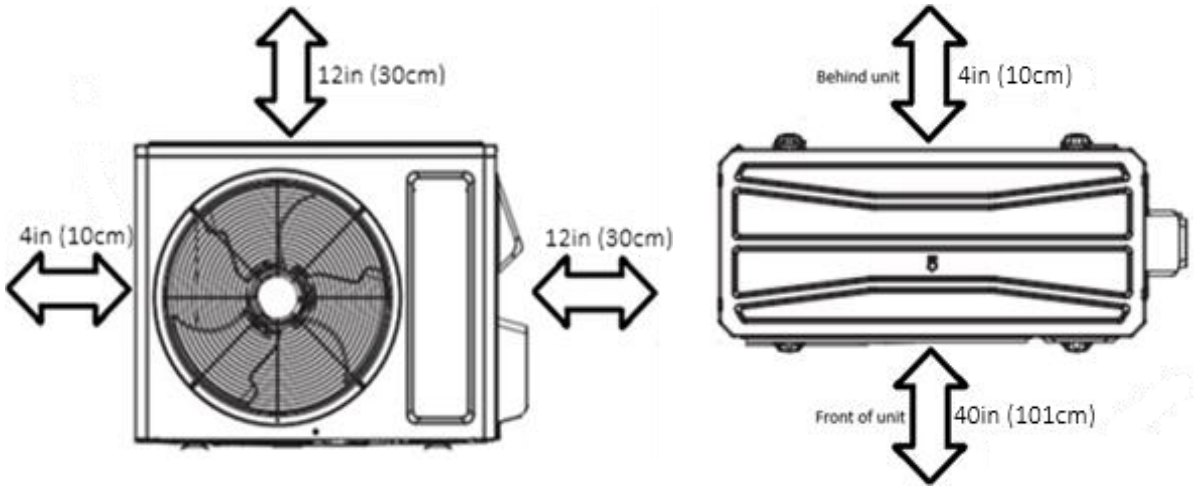
EXCLUSIVELY AT LEGACY HEATING & COOLING

Outdoor Unit Dimensions

WLWH12HQ19SAO



Minimum outdoor unit clearances



Unit must be placed a minimim 18in (45cm) above any surfaces to allow for snow clearance and defrost runoff.
Please follow local best practices and guidelines.

EXCLUSIVELY AT LEGACY HEATING & COOLING

Indoor Unit Specifications

WLWH12HQ19SAI

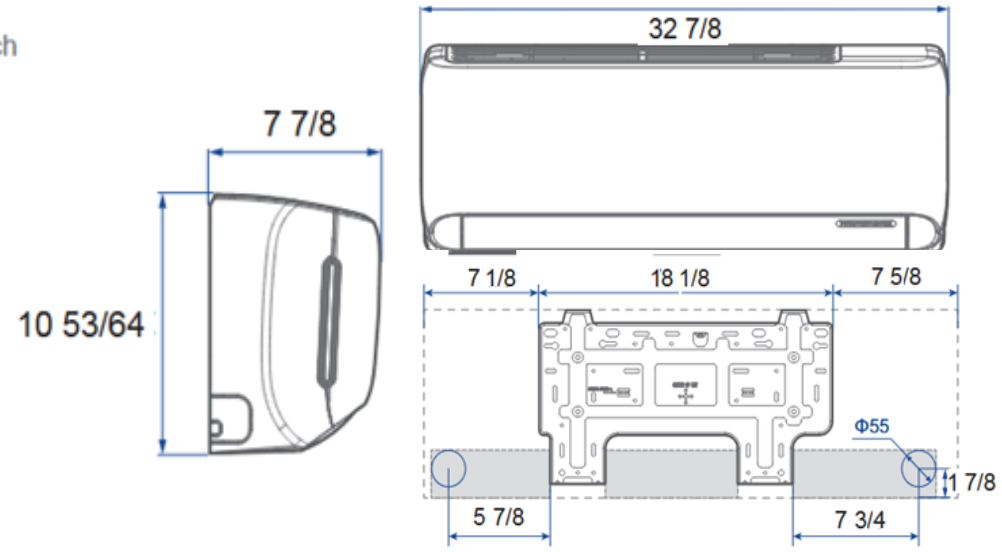
Air flow volume			dB (A)
Turbo	424 CFM	700 m3/h	47
High	353 CFM	600 m3/h	39
Med-high	324 CFM	550 m3/h	38
Medium	277 CFM	470 m3/h	35
Med-low	247 CFM	420 m3/h	33
Low	224 CFM	380 m3/h	32
Sleep	182 CFM	310 m3/h	27

Net weight:	20.9 Lbs	Gross weight:	24.3 Lbs
	9 Kg		11.5 Kg
Included:	Infrared remote YBE1FBF		
Dehumidification level:			2.96pt/hr
Optional Accessories			
24V interlock wired controller:			XE71-00/E
Wired controller:			XE71-44G
Embedded wired controller:			XE74-44E
Embedded WIFI wired controller			XE72-44E

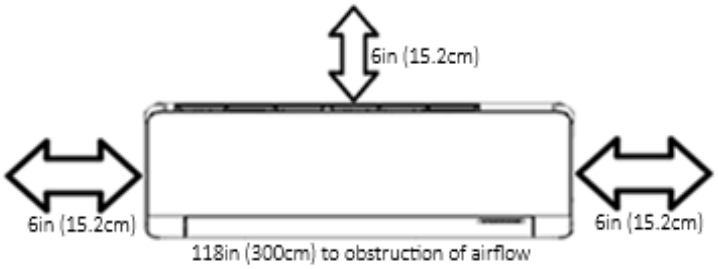
Included Features						
WI-FI control	8C heating	I-feel	Self clean	Forced defrost	Soft start	Low voltage startup

Indoor unit Dimensions

Unit: inch



Minimum indoor unit clearances



EXCLUSIVELY AT LEGACY HEATING & COOLING