



# Submittal-Charmo 12K 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: KW12HQ19CDI  
 Outdoor: KW12HQ19CDO

**Capacity range**



Output (BTU/H)	Minimum	Rated	Max	Certification		
Cooling:	3070	12000	13300	AHRI NO.	Energy Star	nep
Heating:	3070	12000	14600	217956851	4,514,328.	

Heating performance				Efficiency Ratings	
Output (BTU/H)	Minimum	Rated	Max	SEER2	
47F (8.3C)	3070	12000	12000	HSPF2	19
17F (-8.3C)	2700	9700	11500	EER (W/W)	8.5
5F (-15C)	2600	9100	9100	COP (W/W)	2.85
					3.5

Outdoor temperature range			Electrical	
Cooling:	-18-48C	0-118F	Power supply	208-230V/60Hz/1Ph
Heating:	-25-24C	-13-75F	Min/Max voltage	187-253Vac

Condenser specifications			MCA	
Connecting type	Screw Connection		MOP	12A
Liquid line size	1/4in (6mm)		Power Supply Wire	15A
Gas line size	3/8in (9.52mm)		Interconnecting Wire	14/3 AWG
pre-charge length	24.6ft (7.5M)		Interconnecting Wire	14/4 AWG

		Features:	
MIN. Refrigerant Pipe Length	10 ft (3M)	Capillary Expansion	
MAX. Refrigerant Pipe Length	100 ft (30M)	Rotary compressor	
MAX. Vertical Height difference (total)	60 ft (20M)	Basepan heater	
Refrigerant Type	R-32	Compressor electric heater	

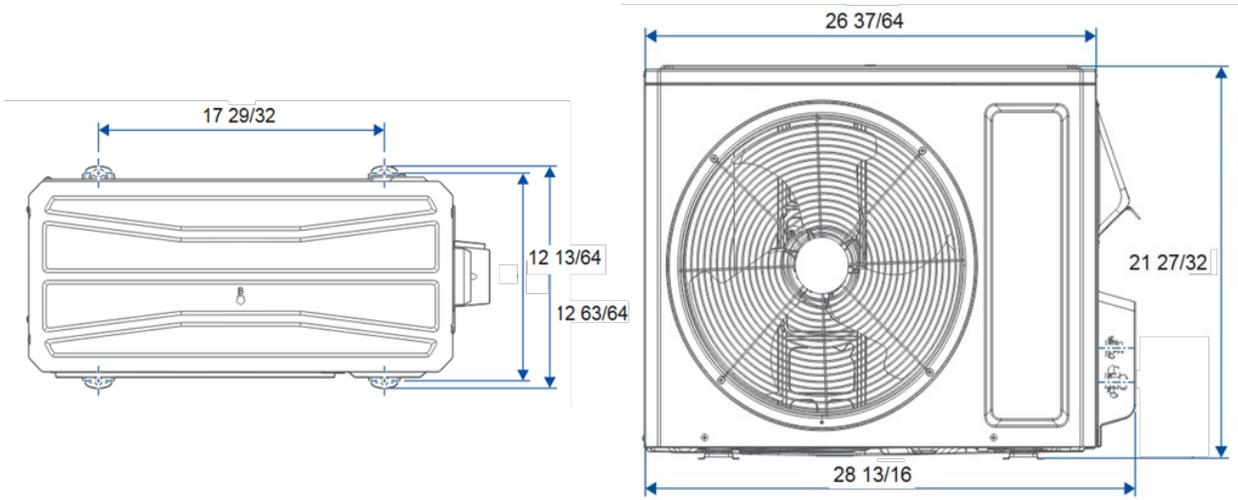
		Weight	
Factory Charge	17.6 oz	Gross weight:	60.6Lbs (27.5Kg)
Additional Charge	0.2 oz/ft	Net weight:	55.1Lbs (25Kg)
Sound Pressure Level	52dB (A)		

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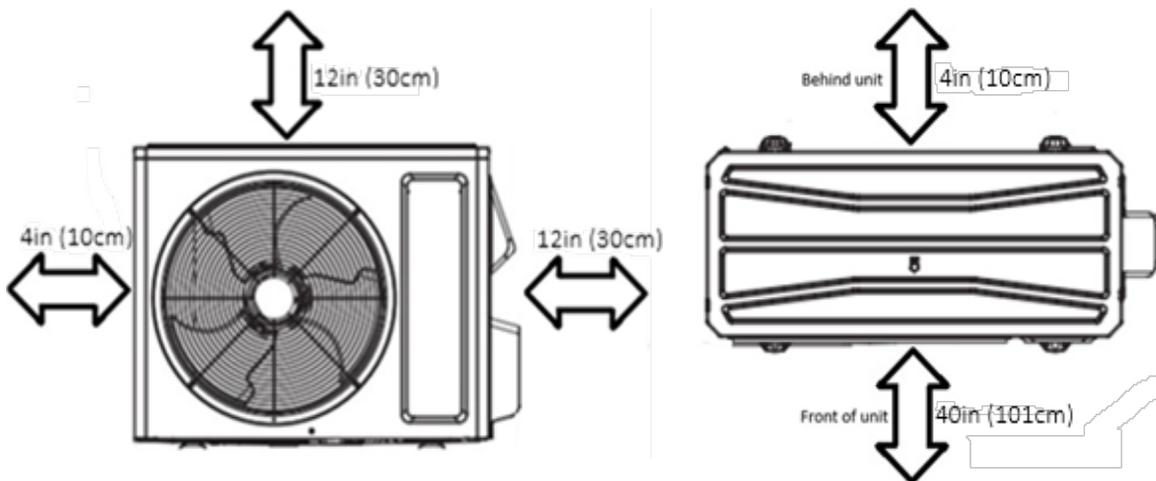


# Outdoor unit Dimensions

KW12HQ19CDO



## Minimum outdoor unit clearances



Unit must be placed a minimum 18in (45cm) above any surfaces to allow for snow clearance and defrost runoff.

Please follow local best practices and guidelines.

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# Indoor unit specifications

KW12HQ19CDI

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

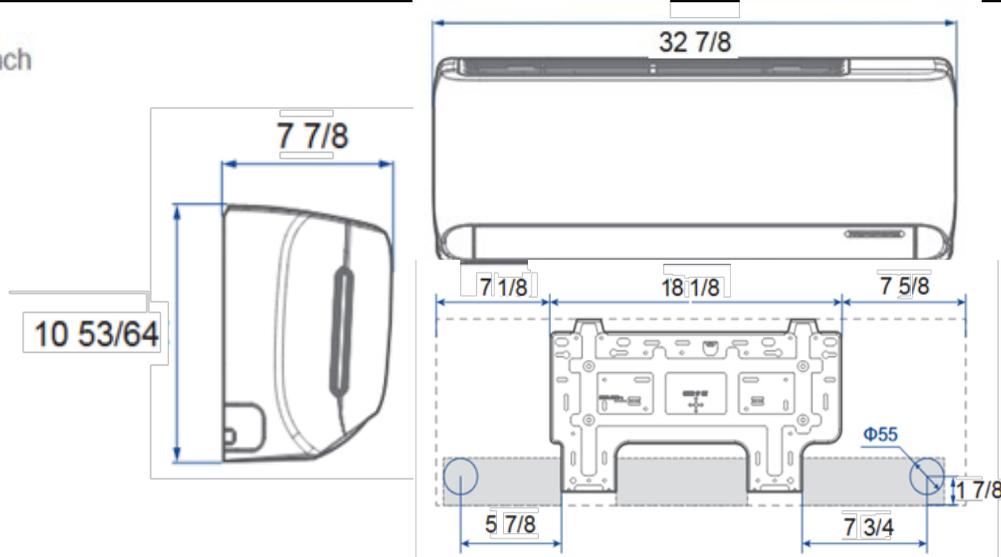
Net weight:	20.9 Lbs	Gross weight:	24.3 Lbs
	9 Kg		11.5 Kg
Included:	Infrared remote YBE1FBF		
Dehumidification level:	2.96pt/hr		
<b>Optional Accessories</b>			
24V interlock wired controller:	XE71-00/E		
Wired controller:	XE71-44G		
Embedded wired controller:	XE74-44E		
Embedded WIFI wired controller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

### Included Features

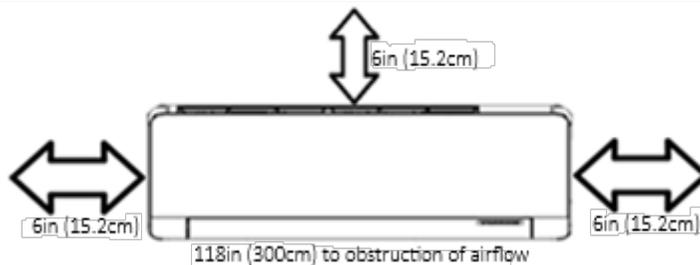
WI-FI control	8C heating	I-feel	Self clean	Forced defrost	Soft start	Low voltage startup
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### Indoor unit Dimensions

Unit: inch



### Minimum indoor unit clearances



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