

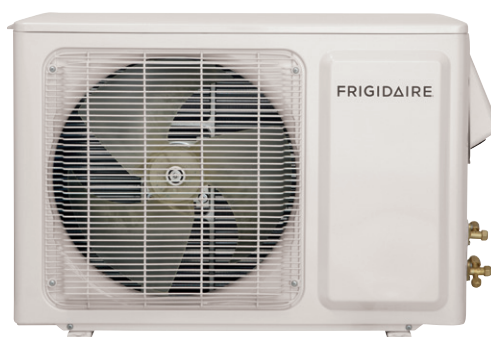
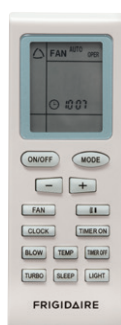
Home Comfort

FRS12PYS1

Ductless Mini-Split Air Conditioner/Heat Pump



FRS12PYW1¹ Indoor



FRS12PYC1¹ Outdoor

Product Dimensions Evaporator (Indoor) Model

Height	10-7/8"
Width	33-1/4"
Depth	7-1/8"

Product Dimensions Condenser (Outdoor) Model

Height	21-1/4"
Width	33-3/8"
Depth	12-5/8"

More Easy-To-Use Features

Multi-Speed Fan

Features three different fan speeds, for more cooling flexibility.

Effortless™ Restart

Automatically resumes operating at its previous settings when power is restored to your unit.

Effortless™ Clean Filter

Our antibacterial filter reduces bacteria, room odors and other airborne particles for a healthier, more comfortable environment.

Ready-Select® Controls

Easily select options with the touch of a button.

Electronic Controls

Allow you to set the comfort level to your preference, while a convenient temperature readout displays the set temperature.

Signature Features

Quick Cool & Quick Warm

When you need to cool down quickly or warm up faster, use the quick cool/warm mode to speed up the fan.

Programmable 24-Hour On/Off Timer

Customize times to fit your schedule for immediate comfort when you get home. The built-in timer allows you to preset the unit to turn on and off in half-hour increments.

Effortless™ Temperature Control

Our air conditioners maintain the preset room temperature, so you will remain comfortable at all times.

Sleep Mode

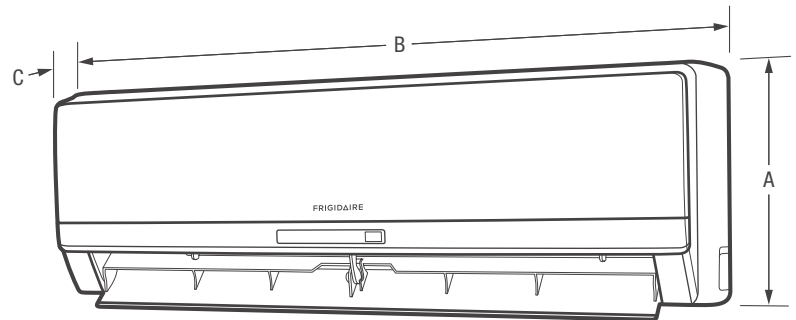
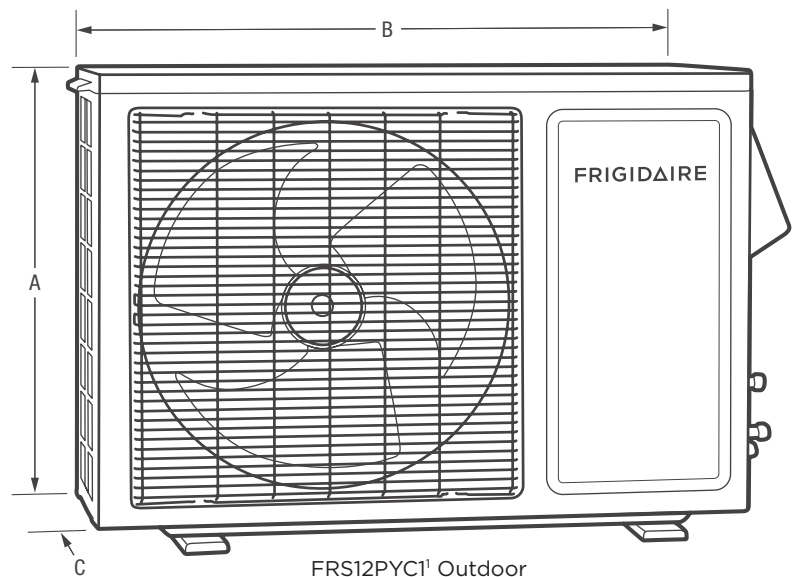
Maximum comfort throughout the evening hours with the added benefit of energy savings. With Sleep Mode, the temperature gradually increases a few degrees over the evening.

Performance	BTUs
Cool	12,000
Heat	13,000

¹Photo may not represent actual model.

Model Numbers	
Set Model Number	FRS12PYS1
Indoor Unit Part Number	FRS12PYW1
Outdoor Unit Part Number ¹	FRS12PYC1
Performance	
BTU (Cool)	12,000
BTU (Heat Pump)	13,000
Cooling Area (Sq. Ft.)	640
SEER (Air Conditioner)	18.0
HSPF (Heat Pump)	9.6
Inverter Technology	Yes
Electrical	
Volts	115
Min Circuit Ampacity	3.15
Maximum Circuit Breaker	25
Rated Amps (Cool)	0.4/11.6
Rated Watts (Cool)	20/980
Rated Amps (Heat)	0.4/13.6
Rated Watts (Heat)	20/11.8
Features	
Controls	Ready-Select® Controls
Fan Speeds (Cool/Fan/Heat)	4/3/4
Low Voltage Start-Up	Yes
Turbo Fan	Yes
Auto Fan	Yes
Energy Saver	Yes
Sleep Mode	Yes
24-Hour On/Off Timer	Yes
Remote Control	Full-Function
Air CFM (High/Med/Low) Indoor	173/147/129
Air Direction Control (Vert./Horz.)	Swing/Manual
Air Discharge (Full-Width)	Bottom
Filter Type	Antimicrobial Mesh
Filter Access	Slide-Out
dB Indoor (High/Med/Low)	47/43/40
dB Outdoor	55
Warranty ²	Yes
Included Accessories	
Drain Kit (Outdoor Unit)	Yes
Installation Plate (Indoor Unit)	Yes
Line Set Kit (Indoor Unit)	Yes
Remote Holder (Indoor Unit)	Yes

¹Includes 25 ft. line set

²1 yr Full /5 yr sealed system

FRS12PYW1¹ Indoor

FRS12PYC1¹ Outdoor

NOTE: For planning purposes only. Always consult local and national electric codes. Refer to Product Installation Guide for detailed installation instructions on the web at frigidaire.com.



Product Dimensions	
Indoor -	
A - Height	10-7/8"
B - Width	33-1/4"
C - Depth	7-1/8"
Outdoor -	
A - Height	21-1/4"
B - Width	33-3/8"
C - Depth	12-5/8"

¹Illustration may not represent actual model.

All refrigeration and electrical work must be performed by a certified and licensed refrigeration technician for full parts and labor warranty validation. Insulated line sets and control wires are required and available for Frigidaire split systems in 25 ft. length. Each line set is equipped with flare nuts on both ends. Each system requires one line set for each indoor unit installed.

Accessories information available on the web at frigidaire.com

FRIGIDAIRE

USA • 10200 David Taylor Drive • Charlotte, NC 28262 • 1-800-FRIGIDAIRE • frigidaire.com
 CANADA • 5855 Terry Fox Way • Mississauga, ON L5V 3E4 • 1-800-265-8352 • frigidaire.ca

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Specifications
subject to change.

Ductless Mini-Split System Air Conditioner/Heat Pump Submittal Sheet

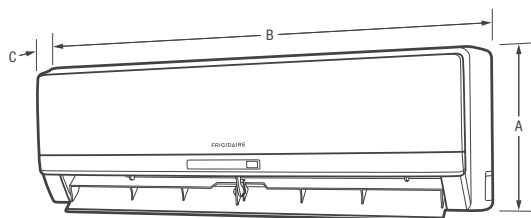
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FRS12PYS1

Job: _____ Reference: _____ Construction: _____
 Location: _____ Approval: _____ Unit Number: _____
 Engineer: _____ Date: _____ Drawing Number: _____
 Submitted to: _____ Submitted by: _____

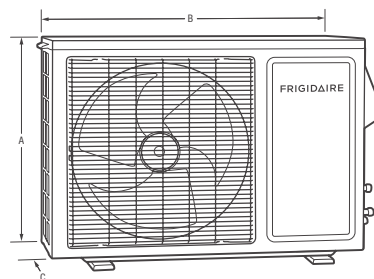
Power	
Min Circuit Ampacity	18 A
Maximum Circuit Breaker	25 A
Capacities	
Cooling	12,000 BTU
Cooling Watts	1,000 W
Min/Max Cooling	4,500 BTU/14,000 BTU
Heatpump Capacity (BTU)	13,000 BTU
HSPF	9.6
Outdoor Sound Rating	55 dB (A)
SEER	18.0
EER	12.0
Low Ambient Temperature	5° F ≤ T ≤ 115° F
Voltage/Frequency/Phase	115/60Hz/1P
Dehumidification	2.45 PT/H

Indoor Unit	FRS12PYW1
Dimensions (H x W x D)	10-7/8" x 33-1/4" x 7-1/8"
Max. Wall Thickness	18"
Sound Rating	(40)/36/32/26
Net Weight	22 lb
Shipping Weight	26 lb
Fan Motor Load	.35 A
Number of Fan Speeds	4
Fan Type	Cross-flow
RPM at High Speed (cool)	1,080 RPM
Coil Type	aluminum fin & copper tube
Fin Type	coated fin
Pipe Type	copper internal thread
Fin Rows (FPI)	2
Tube Diameter	ϕ 7.15mm (9/32")
Drain Connection Size	ϕ 16mm (5/8")
Compressor	
Compressor Type	Twin Rotary
Compressory Control	DC Inverter
Compressor Load	4.59 A
Locked Rotor Amps	33 A



FRS12PYW1¹ Indoor

Outdoor Unit	FRS12PYC1
Dimensions (H x W x D)	21-1/4" x 33-3/8" x 12-5/8"
Sound Rating	55 dB (A)
Net Weight	82.38 lb
Shipping Weight	89 lb
Fan Motor Load	15 A
Drive Type	dc motor
CFM (high)	1,058
Fan Type	propeller
Fan Diameter/Number of Speeds	15-5/8"/1
Number of Poles and RPM	1 (900)
Coil Type	aluminum fin & copper tube
Fin Type	coated fin
Pipe Type	copper internal thread
Fin Rows (FPI)	2
Tube Size	ϕ9.52 mm (3/8")
Features	
Controls	microprocessor
Remote Control	lcd wireless
Temperature Control	61-86°F (16-30°C)
Timer	24 hr
Air Louvers	2 pieces
Horizontal	manual
Vertical	swing
Low Voltage Restart	built-in
Self-Diagnosis	yes
Air Filter	washable, anti-mold
Refrigerant System	
Refrigerant	R410A
Ounces	45.8
Lineset	25 ft
Maximum Height	33 ft
Maximum Line Length	66 ft
Discharge Vapor Line (od)	6 mm (1/4")
Suction (od)	12 mm (3/8")
Operating Range	
Indoor Air Cooling Intake Temp Range	90°F - 41°F db/wb
Indoor Air Heating Intake Temp Range	81°F - 32°F db/wb
Outdoor Air Cooling Intake Temp Range	115°F - 41°F db/wb
Outdoor Air Heating Intake Temp Range	75°F - 5°F db/wb



FRS12PYC1¹ Outdoor

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