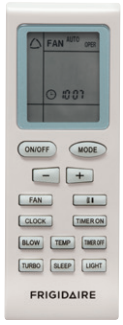
FRIGIDAIRE

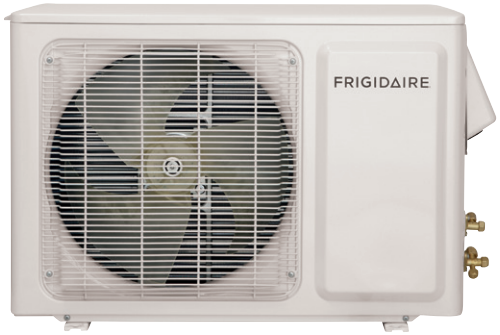
Home Comfort

FRS09PYS1

Ductless Mini-Split Air Conditioner / Heat Pump

FRS09PYW1[1] Indoor





FRS09PYC1[1] 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	9,000
Heat	9,600

[1]Photo may not represent actual model.

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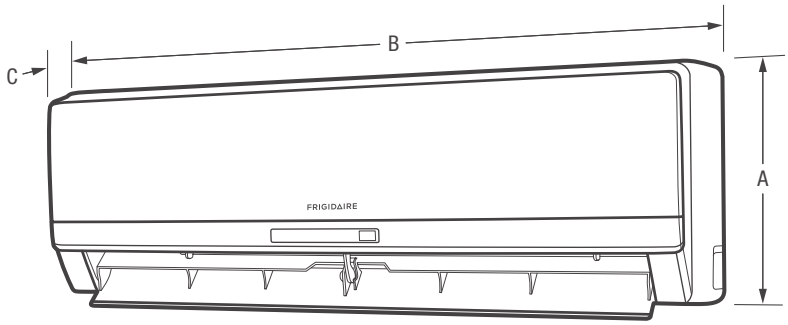
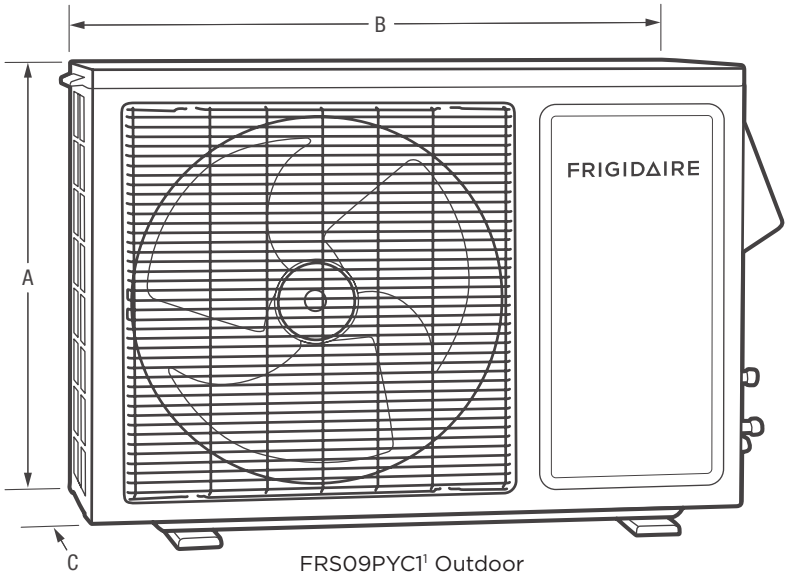
FRS09PYS1 **Ductless Mini-Split Air Conditioner / Heat Pump**

Model Numbers	
Set Model Number	FRS09PYS1
Indoor Unit Part Number	FRS09PYW1
Outdoor Unit Part Number[1]	FRS09PYC1
Performance	
BTU (Cool)	9,000
BTU (Heat Pump)	9,600
Cooling Area (Sq. Ft.)	425
SEER (Air Conditioner)	18
HSPF (Heat Pump)	9.8
Inverter Technology	Yes
Electrical	
Volts	115V
Min Circuit Ampacity	3.15
Maximum Circuit Breaker	25
Rated Amps (Cool)	0.4 / 7.6
Rated Watts (Cool)	20 / 640
Rated Amps (Heat)	0.4 / 8.1
Rated Watts (Heat)	20 / 680
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	56
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

[1] *Includes 25 ft. line set*
[2] *1 yr Full / 5 yr sealed system*



FRS09PYW1[1] Indoor



FRS09PYC1[1] 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"

[1] *Illustration 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***

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USA • 10200 David Taylor Drive • Charlotte, NC 28262 • 1-800-FRIGIDAIRE • **frigidaire.com**
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Specifications subject to change.

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

FRS09PYS1

FRIGIDAIRE

Job:_____ Reference:_____ Construction:_____

Location:_____ Approval:_____ Unit Number:_____

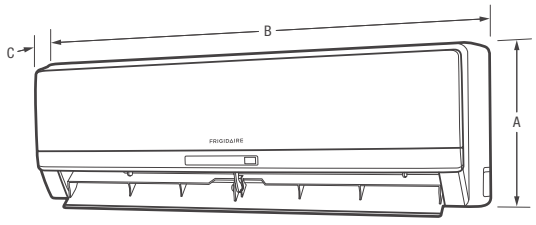
Engineer:_____ Date:_____ Drawing Number:_____

Submitted to:_____ Submitted by:_____

Power	
Min Circuit Ampacity	17 A
Maximum Circuit Breaker	25 A
Capacities	
Cooling	9,000 BTU
Cooling Watts	660 W
Min/Max Cooling	4,435 BTU/10,600 BTU
Heatpump Capacity (BTU)	9,500 BTU
HSPF	9.8
Outdoor Sound Rating	53 dB (A)
SEER	18.0
EER	13.0
Low Ambient Temperature	5° F ≤ T ≤ 115° F
Voltage/Frequency/Phase	115/60Hz/1P
Dehumidification	1.69 PT/H

Indoor Unit	FRS09PYW1
Dimensions (H x W x D)	10-7/8" x 33-1/4" x 7-1/8"
Max. Wall Thickness	18"
Sound Rating	(38)/34/30/26
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)	1,060 RPM
Coil Type	aluminum fin & copper tube
Fin Type	coated fin
Pipe Type	copper internal thread
Fin Rows (FPI)	2
Tube Diameter	¢ 7.15mm (9/32")
Drain Connection Size	¢ 16mm (5/8")
Compressor	
Compressor Type	Twin Rotary
Compressory Control	DC Inverter
Compressor Load	4.59 A
Locked Rotor Amps	33 A

Outdoor Unit	FRS09PYC1
Dimensions (H x W x D)	21-1/4" x 33-3/8" x 12-5/8"
Sound Rating	53 dB (A)
Net Weight	79.38 lb
Shipping Weight	86 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	¢9.52 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	42.3
Lineset	25 ft
Maximum Height	33 ft
Maximum Line Length	49 ft
Discharge Vapor Line (od)	6 mm (1/4")
Suction (od)	9 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



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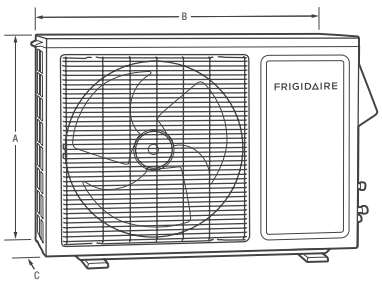

FRS09PYC1[1] Outdoor

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