

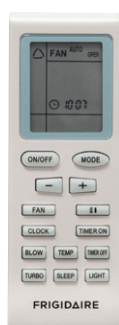
Home Comfort

FRS18PYS2

Ductless Mini-Split Air Conditioner/Heat Pump



FRS18PYW2¹ Indoor



FRS18PYC2¹ Outdoor

Product Dimensions Evaporator (Indoor) Model

Height	11-3/4"
Width	37"
Depth	7-7/8"

Product Dimensions Condenser (Outdoor) Model

Height	27-1/2"
Width	35-1/16"
Depth	13-3/8"

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

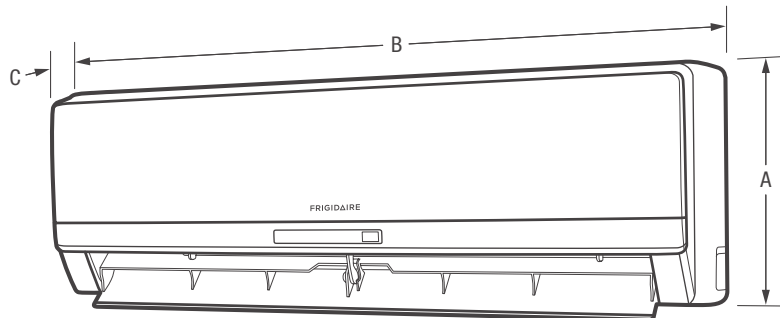
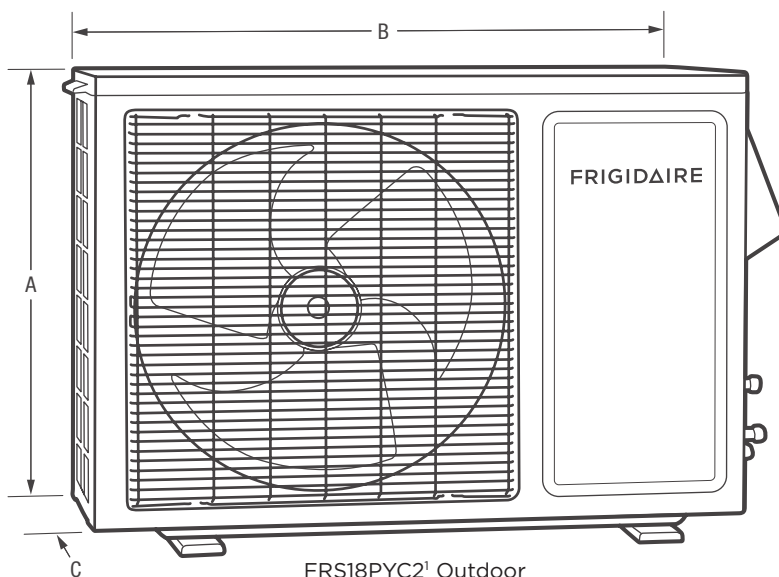
Maximum comfort throughout the evening hours with the added benefit of energy savings. With Sleep Mode, the temperature gradually increases a few degrees over the evening.

Performance	BTUs
Cool	18,000
Heat	24,800

¹Photo may not represent actual model.

Model Numbers	
Set Model Number	FRS18PYS2
Indoor Unit Part Number	FRS18PYW2
Outdoor Unit Part Number ¹	FRS18PYC2
Performance	
BTU (Cool)	18,000
BTU (Heat Pump)	24,800
Cooling Area (Sq. Ft.)	1,100
SEER (Air Conditioner)	18.0
HSPF (Heat Pump)	10.5
Inverter Technology	Yes
Electrical	
Volts	230 / 208V
Min Circuit Ampacity	3.15
Maximum Circuit Breaker	25
Rated Amps (Cool)	0.3 / 6.6
Rated Watts (Cool)	23 / 1,500 (380-2,650)
Rated Amps (Heat)	0.3 / 12.2
Rated Watts (Heat)	23 / 2,730 (335-2,730)
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	270 / 224 / 190
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)	44 / 40 / 35
dB Outdoor	54
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

FRS18PYW2¹ Indoor

FRS18PYC2¹ 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	11-3/4"
B - Width	37"
C - Depth	7-7/8"
Outdoor -	
A - Height	27-1/2"
B - Width	35-1/16"
C - Depth	13-3/8"

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

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

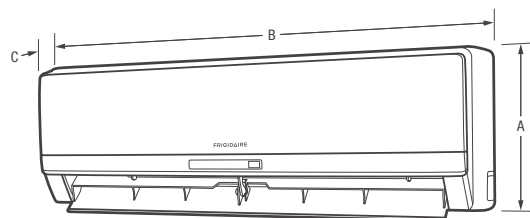
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FRS18PYS2

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

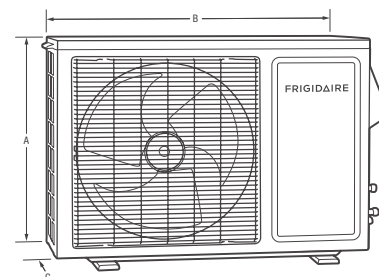
Power	
Min Circuit Ampacity	13.8 A
Maximum Circuit Breaker	25 A
Capacities	
Cooling	18,000 BTU
Cooling Watts	1,500 W
Min/Max Cooling	6,000 BTU/22,350 BTU
Heatpump Capacity (BTU)	25,000 BTU
HSPF	10.2
Outdoor Sound Rating	54 dB (A)
SEER	18.0
EER	12.0
Low Ambient Temperature	5° F ≤ T ≤ 115° F
Voltage/Frequency/Phase	230/208/60Hz/1P
Dehumidification	4.22 PT/H

Indoor Unit	FRS18PYW2
Dimensions (H x W x D)	11-3/4" x 37" x 7-7/8"
Max. Wall Thickness	18"
Sound Rating	(46)/44/40/35
Net Weight	28 lb
Shipping Weight	37 lb
Fan Motor Load	.27 A
Number of Fan Speeds	4
Fan Type	Cross-flow
RPM at High Speed (cool)	1,350 RPM
Coil Type	aluminum fin & copper tube
Fin Type	coated fin
Pipe Type	copper internal thread
Fin Rows (FPI)	2
Tube Diameter	ø 7.15mm (9/32")
Drain Connection Size	ø 16mm (5/8")
Compressor	
Compressor Type	Twin Rotary
Compressory Control	DC Inverter
Compressor Load	8.4 A
Locked Rotor Amps	41 A



FRS18PYW2¹ Indoor

Outdoor Unit	FRS18PYC2
Dimensions (H x W x D)	27-1/2" x 35-1/16" x 13-3/8"
Sound Rating	54 dB (A)
Net Weight	110 lb
Shipping Weight	121 lb
Fan Motor Load	.28 A
Drive Type	dc motor
CFM (high)	1,904
Fan Type	axial flow
Fan Diameter/Number of Speeds	20-1/2"/2
Number of Poles and RPM	2 (690/550)
Coil Type	aluminum fin & copper tube
Fin Type	coated fin
Pipe Type	copper internal thread
Fin Rows (FPI)	2
Tube Size	ø7.15 mm (9/32")
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	51.15
Lineset	25 ft
Maximum Height	49 ft
Maximum Line Length	98 ft
Discharge Vapor Line (od)	6 mm (1/4")
Suction (od)	12 mm (1/2")
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



FRS18PYC2¹ Outdoor

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FRIGIDAIRE

USA • 10200 David Taylor Drive • Charlotte, NC 28262 • 1-800-FRIGIDAIRE • frigidaire.com
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FRS18PYS2 11/15

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Specifications
subject to change.