



Floating Air™ *Prestige®* Single-Zone
DUCTLESS MINI-SPLIT SYSTEMS
WALL-MOUNTED, SINGLE-ZONE HEAT PUMPS

PURCHASER	P.O. #	DATE
PROJECT	LOCATION	
ENGINEER	ARCHITECT	
SUBMITTED BY	FOR APPROVAL	FOR REFERENCE

ITEM	PLAN DESIGNATION	QUANTITY	COOLING BTU/H	VOLTAGE	RHEEM MODEL

Key Features

Indicates sustainability feature

- **FastPro®** design for the fastest access for maintenance of any wall-mounted ductless systems
- All models ENERGY STAR® and ENERGY STAR® Cold Climate Heat Pump certified
- **Precision Inverter®** technology (variable speed compressor)
- Extreme cold climate heat pump performance: 100% of rated capacity at 5°F
- Extreme low ambient heat pump operation
- Easy-to-read temperature display
- Wireless remote control included
- Soft-Start™ compressor
- BLDC motor
- Built-in Wi-Fi
- Sleep mode
- Ultra quiet operation

FEATURING OUR **FastPro®** DESIGN

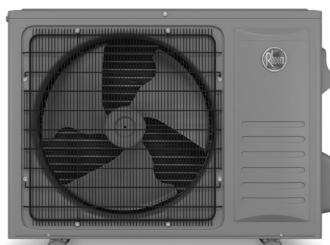


FAHFW09A3D, FAHW12A3D,
FAHFW18A3D, FAHFW24A3D



**HIGH EFFICIENCY
HEATING & COOLING**

- Low ambient heat pump operation down to -22°F
- Low ambient cooling operation down to 5°F
- Low temperature compressor start-up protection



FPHFR09A3D, FPHFR12A3D



FPHFR18A3D, FPHFR24A3D



FLOATING AIR™ PRESTIGE® | SINGLE-ZONE | WALL-MOUNTED HEAT PUMPS

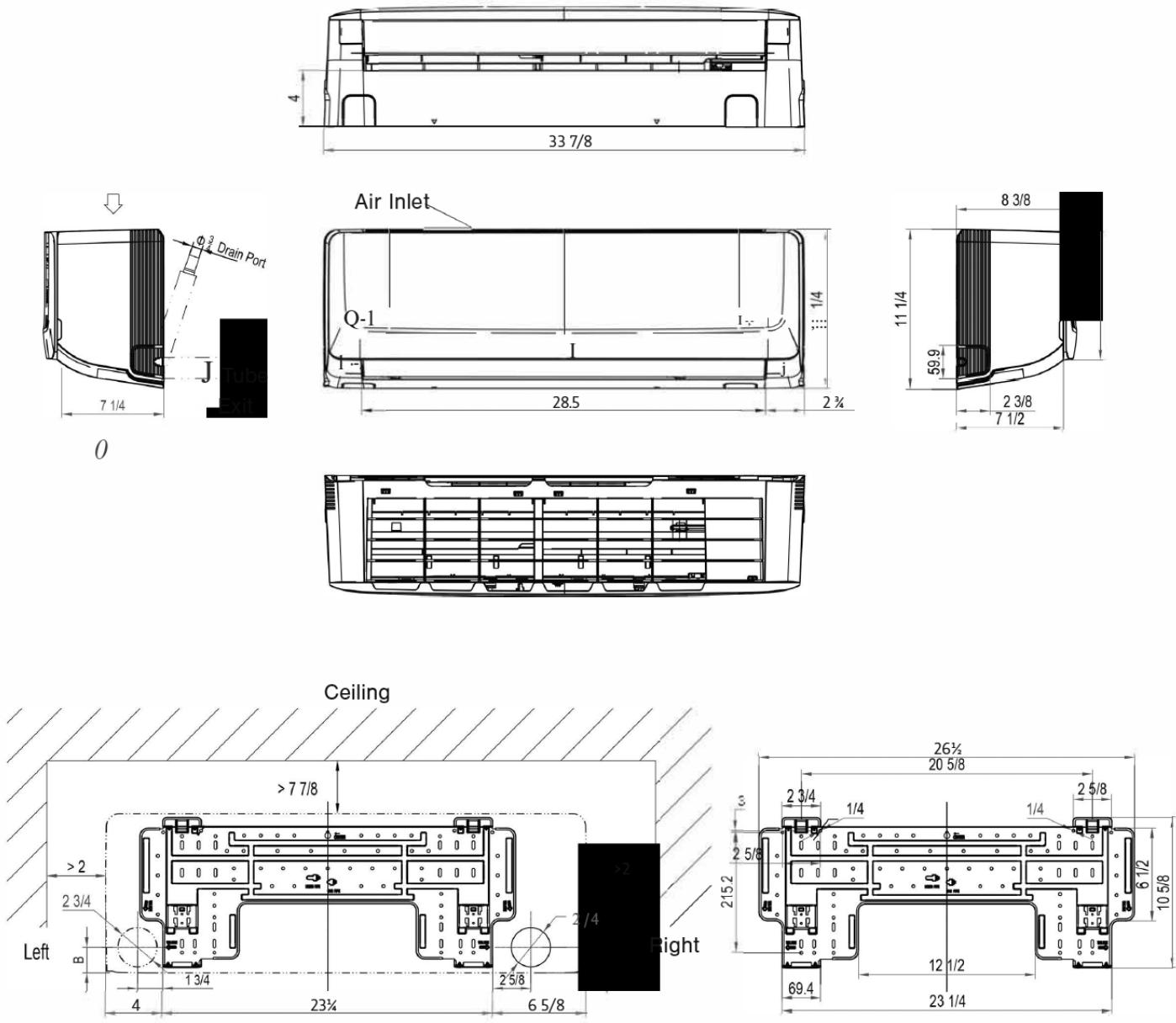
MODEL	Model Set	Unit	FXHW093D	FXHW123D	FXHW183D	FXHW243D
	Indoor Model		FAHFW09A3D	FAHFW12A3D	FAHFW18A3D	FAHFW24A3D
	Outdoor Model		FPHFR09A3D	FPHFR12A3D	FPHFR18A3D	FPHFR24A3D
	Power Supply	V/Hz/ph			208V/230V~, 60Hz, 1P	
COOLING	ENERGY STAR® Standard	Y/N	Y	Y	Y	Y
	ENERGY STAR – Cold Climate	Y/N	Y	Y	Y	Y
HEATING	Rated Capacity @ 95°F	Btu/h	9,000	12,000	18,000	24,000
	Cooling Capacity Range (Min.–Max.)	Btu/h	4,600–12,700	4,600–12,700	7,800–22,000	10,000–28,000
	EER2 @ 95°F	Btu/h/W	12.00	12.00	12.00	12.00
	SEER2	Btu/h/W	22.00	22.00	21.00	21.00
INDOOR AIRFLOW	Cooling Operating Range (Min.–Max.)	°F	5–125	5–125	5–125	5–125
	Rated Capacity @ 47°F	Btu/h	9,000	12,000	18,000	24,000
	Heating Capacity Range (Min.–Max.)	Btu/h	5,500–16,000	5,500–16,000	7,800–23,000	6,700–30,000
	COP @ 47°F	W/W	12.00	12.00	3.66	3.52
OUTDOOR AIRFLOW	COP @ 5°F	W/W	1.80	1.80	1.80	1.80
	HSPF2	Btu/h/W	10.50	10.50	10.00	10.00
	Rated Capacity Heating @ 17°F (-8.3°C)	Btu/h	6,500	8,700	14,100	19,100
	Maximum Heating Capacity @ 5°F (-15°C)	Btu/h	12,000	12,000	18,000	24,000
OUTDOOR FAN MOTOR	Maximum Heating Capacity @ -13°F (-25°C)	Btu/h	8,400	8,400	12,600	16,200
	Heating Operating Range (Min.–Max.)	°F	-22–75	-22–75	-22–75	-22–75
INDOOR FAN MOTOR	Air Circulation (Max./H/M/L)	ft³ CFM	382/341/294/247	394/365/312/253	647/588/482/382	706/647/559/441
INDOOR FAN MOTOR	Sound Rating – Indoor (Max./H/M/L/Quiet)	dB(A)	42/39/37/35/32	42/39/37/35/32	48/45/41/39/36	50/48/43/41/39
OUTDOOR AIRFLOW	Output	W	25	25	35	35
OUTDOOR AIRFLOW	Speed (High/Med/Low)	r/min	1,100/938/800	1,154/992/800	1,100/960/800	1,200/1,040/880
OUTDOOR FAN MOTOR	Air Circulation (High) for Outdoor	ft³ CFM	1,354	1,354	1,853	2,235
OUTDOOR FAN MOTOR	Sound Rating – Outdoor	dB(A)	64.0	64.0	68.0	71.0
ELECTRICAL	Output	W	40	40	60	110
	Speed (High)	r/min	880	880	880	870
	Cooling (A)	3.9	4.5	6.7	8.9	
	Rated Current	Cooling (W)	750	1,000	1,500	2,000
REFRIGERATION (R-454B)	Heating (A)	3.9	4.5	6.4	8.5	
	Heating (W)	750	1,000	1,440	2,069	
	MOP (Rating of Overcurrent Protective Device)	A	20	20	25	30
	MCA (Minimum Circuit Ampacity)	A	12.0	12.0	16.0	22.0
INDOOR UNIT DIMENSIONS & WEIGHTS	Communication Wire Size and Type		4 × 14AWG	4 × 14AWG	4 × 14AWG	4 × 14AWG
	Moisture Removal	pints/hr	2.4	3.7	4.2	6.3
	Refrigerant Charge Volume	oz.	38.1	38.1	56.4	74.1
	Liquid Pipe	in.	1/4	1/4	1/4	3/8
OUTDOOR UNIT DIMENSIONS & WEIGHTS	Gas Pipe	in.	3/8	3/8	1/2	5/8
	Max. Pipe Length (Total)	ft.	130.0	130.0	150.0	165.0
	Max. Elevation (Indoor Units Higher Than Outdoor Unit)	ft.	50.0	50.0	80.0	100.0
	Pre-charge Pipe Length	ft.	25.0	25.0	25.0	25.0
OUTDOOR UNIT DIMENSIONS & WEIGHTS	Additional Refrigerant Charge per Foot After 25 ft.	oz./ft.	0.16	0.16	0.16	0.38
	Dimension (W×H×D)	in.	33-7/8×11-2/8×8-4/8	33-7/8×11-2/8×8-4/8	45-2/8×13-2/8×10-1/8	45-2/8×13-2/8×10-1/8
		mm	860×285×216	860×285×216	1,148×336×256	1,148×336×256
	Packing (L×H×W)	in.	36-5/8×15×11-2/8	36-5/8×15×11-2/8	47-7/8×16-1/8×13	47-7/8×16-1/8×13
OUTDOOR UNIT DIMENSIONS & WEIGHTS	Net Weight	lbs.	22.1	22.05	34.2	34.2
		kg	10.0	10.0	15.5	15.5
	Shipping Weight	lbs.	26.5	26.5	39.7	39.7
		kg	12.0	12.0	18.0	18.0

Standard With Registration



DIMENSIONAL DRAWINGS: WALL-MOUNTED HEAT PUMPS

INDOOR UNITS/ FAHFW09A3D, FAHFW12A3D

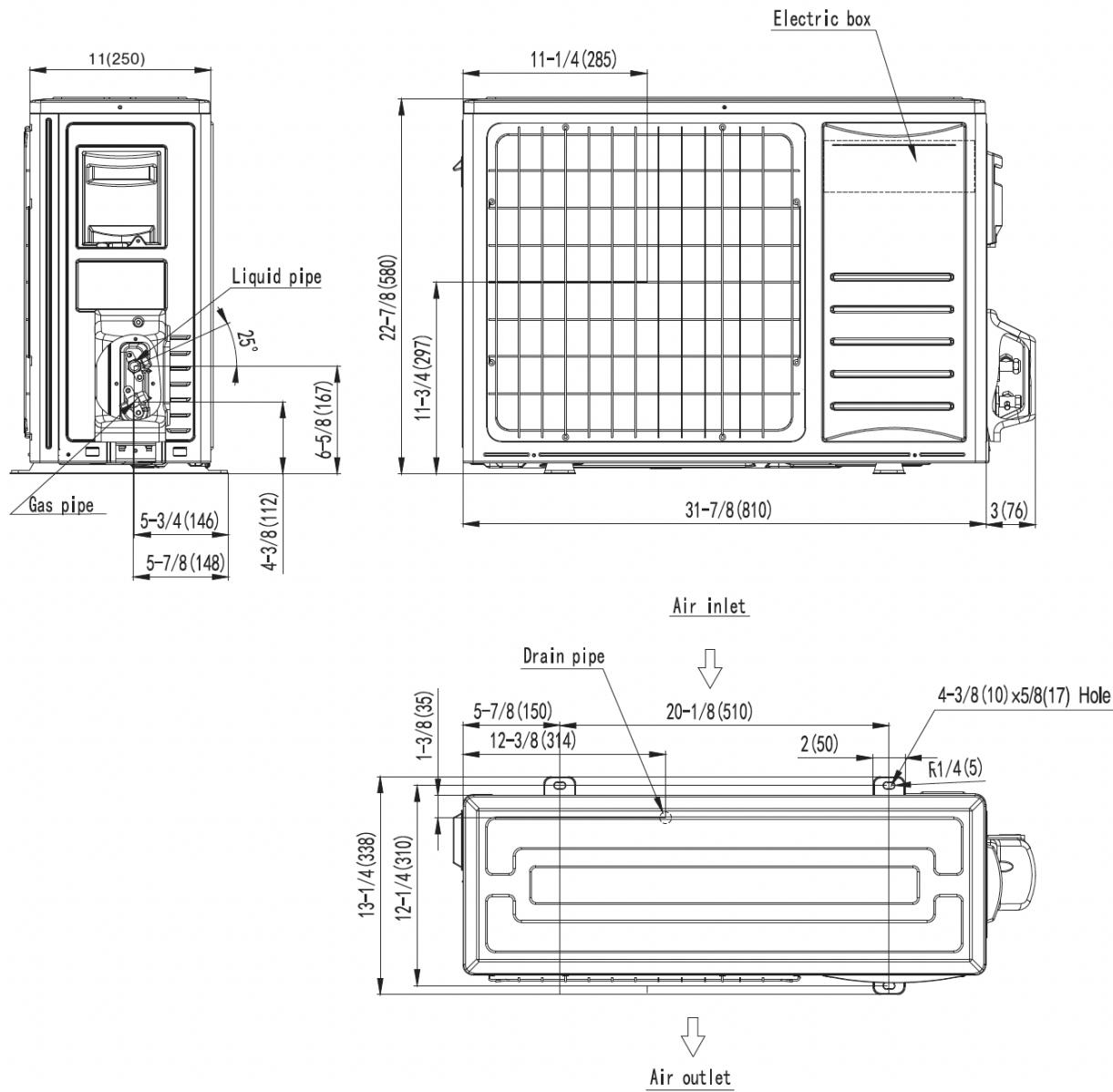


Model	W	H	D
FAHFW09A3D, FAHFW12A3D	33 7/8"	11 2/8"	8 3/8"

UNITS: INCHES

DIMENSIONAL DRAWINGS: OUTDOOR HEAT PUMPS

OUTDOOR UNITS/ FPHFR09A3D, FPHFR12A3D

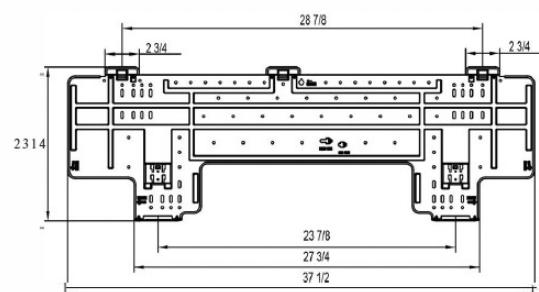
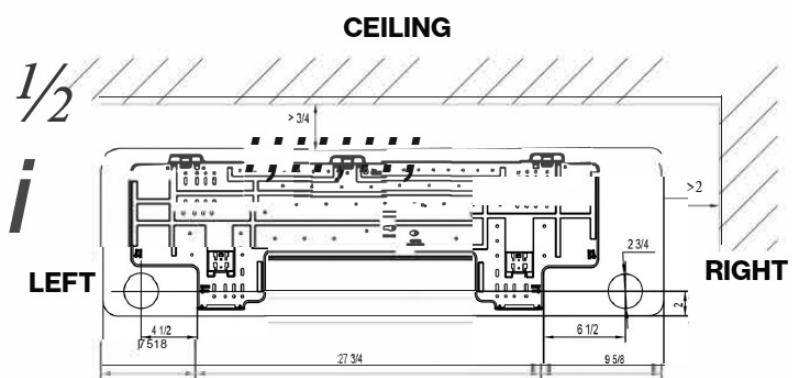
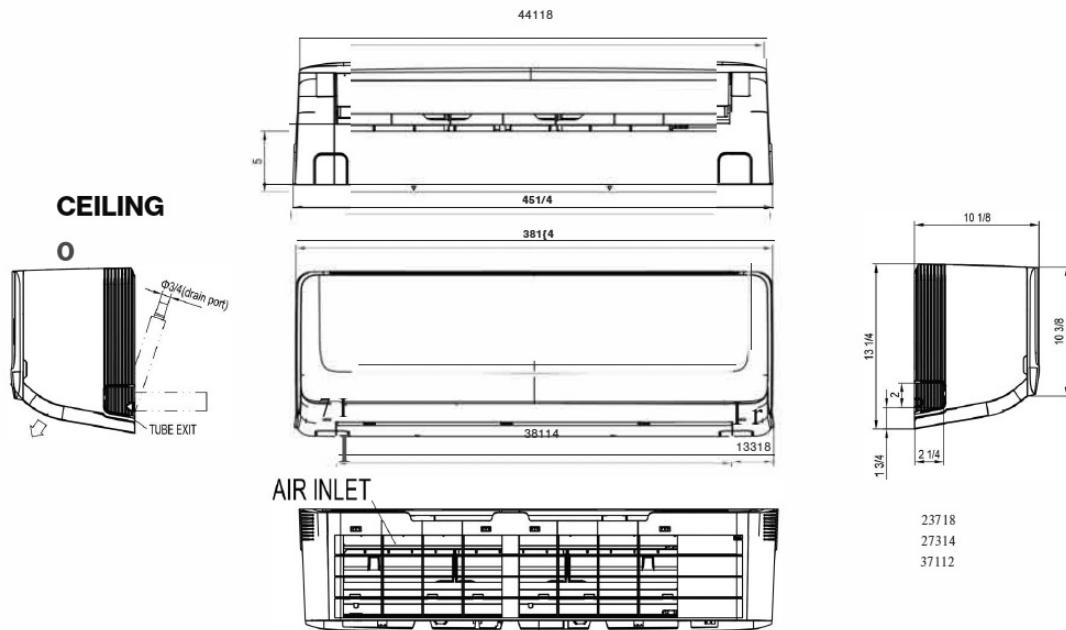


Model	W	H	D
FPHFR09A3D, FPHFR12A3D	31 7/8"	22 7/8"	12 2/8"

UNITS: INCHES

DIMENSIONAL DRAWINGS: WALL-MOUNTED HEAT PUMPS

INDOOR UNITS/ FAHFW18A3D, FAHFW24A3D

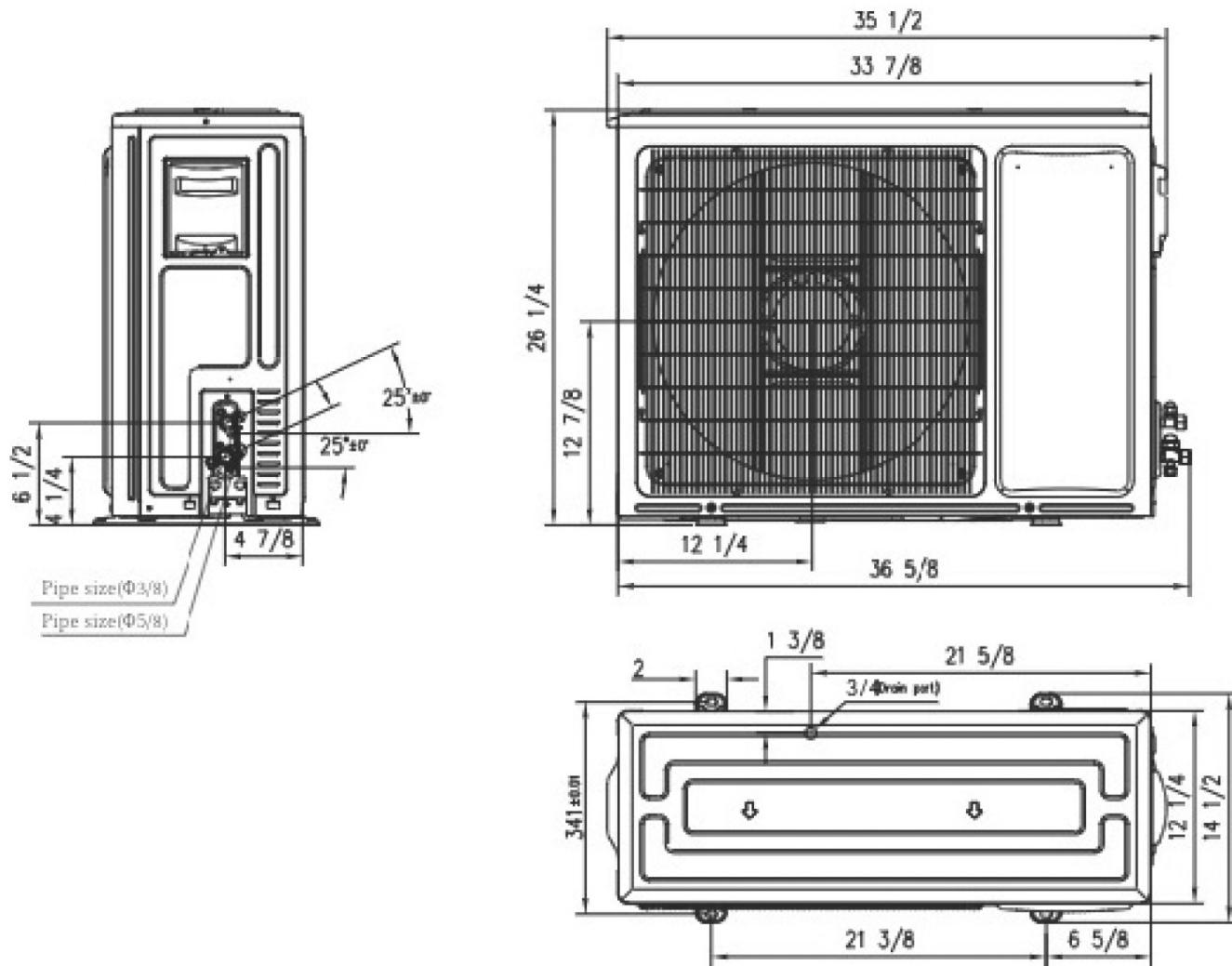


Model	W	H	D
FAHFW18A3D, FAHFW24A3D	45 1/4"	10 1/8"	13 1/4"

UNITS: INCHES

DIMENSIONAL DRAWINGS: OUTDOOR HEAT PUMPS

OUTDOOR UNITS/ FPHFR18A3D

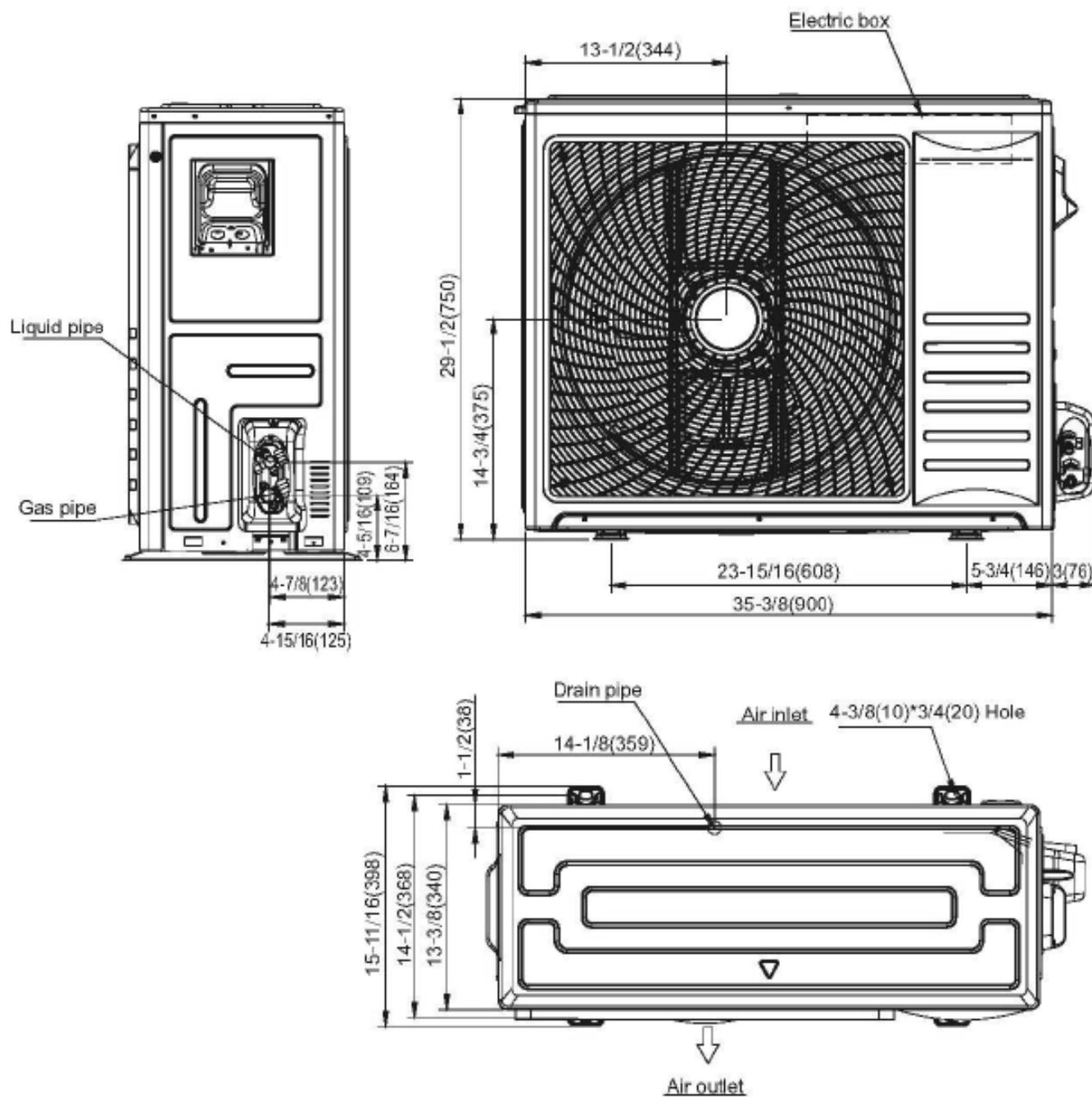


Model	W	H	D
FPHFR18A3D	33 7/8"	26 2/8"	12 2/8"

UNITS: INCHES

DIMENSIONAL DRAWINGS: OUTDOOR HEAT PUMPS

OUTDOOR UNITS/ FPHFR24A3D



Model	W	H	D
FPHFR24A3D	35 5/8"	29 1/2"	13 3/8"

UNITS: INCHES

ACCESSORIES



FPWC1 – Optional hard-wired controller for Floating Air wall-mounted and cassette indoor models. Included with concealed ducted models. Not compatible with AHU indoor models. See your Rheem representative for options.



FreshAire Purifier APWM1 by iWave® – Optional accessory for all wall-mounted ductless models that kills mold, bacteria and viruses—while effectively removing odors and VOCs.



DSSXEMWRTA4 – Optional wireless energy management thermostat with occupancy sensor. For Floating Air Pro, single- and multi-zone models. See your Rheem representative for options.



ADS01 – Field-installed A2L sensor for Floating Air R-454B wall-mounted applications.

ADS02 – Field-installed A2L sensor for Floating Air R-32 wall-mounted applications. See the Installation and Operational Manual for additional information & requirements.