

Residential & Light Commercial Heat Pump System

TOSHIBA
Carrier

Indoor Model: RAV-SM362KRTP-UL
Outdoor Model: RAV-SP362AT2P-UL

Submittal Data

Job Name _____ Location _____
Tag _____



OUTDOOR UNIT STANDARD FEATURES

- Digital inverter compressor technology
- System can operate in cooling only mode with heating locked out
- Line lengths up to 246 ft
- Low-ambient cooling down to 5°F
- System diagnostics

OUTDOOR UNIT MODEL		RAV-SP362AT2P-UL
SYSTEM PERFORMANCE		
Nominal Cooling Capacity†	Btu/h	36,000
SEER2		22.00
EER2		10.50
Nominal Heating Capacity†	Btu/h	47,000
HSPF2		8.90
COP2		3.00
REFRIGERANT LINES		
Total Piping Length	ft	246
Vertical Lift	ft	98
Suction Line Size	in	5/8
Liquid Line Size	in	3/8
AMBIENT OPERATING RANGE		
Cooling DB Min ~ Max*	F	-13~115
Heating DB Min ~ Max	F	-13~59
REFRIGERANT		R410A
FACTORY CHARGE	lbs	6.80

AIRFLOW		
Cooling	CFM	3570
Heating	CFM	3100
SOUND PRESSURE LEVEL		
Cooling	db(A)	54
Heating	db(A)	54
ELECTRICAL		
Power Supply	V/Ph/Hz	208-230/1/60
Minimum Circuit Amps (MCA)	A	30
Recommended Fuse Size	A	40
Maximum Over Current Protection (MOCP)	A	40
PHYSICAL DATA		
Unit Width	in	35-3/8
Unit Height	in	52-3/4
Unit Length	in	12-5/8
Unit Weight - Net / Gross	lbs	218 / 232

Legend

db — Dry Bulb
SEER — Seasonal Energy Efficiency Ratio
HSPF — Heating Seasonal Performance Factor
wb — Wet Bulb

†Rated per AHRI (Air-Conditioning, Heating and Refrigeration Institute) 210/240 Standard.
Cooling: Indoor 80°F (27°C) db/67°F (20°C) wb; Outdoor 95°F (35°C) db
Heating: Indoor 70°F (21°C) db; Outdoor 47°F (8°C) db/43°F (6°C) wb

* Requires wind baffle to operate in cooling mode down to -13°F



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RAV-SM362KRTP-UL HIGH WALL FEATURES

- R-410A refrigerant
- Five sizes from 12,000 to 36,000 Btu/h
- Quiet operation (as low as 43 dBA)
- Auto or manually set three fan speeds
- Easy to remove cleanable filter

INDOOR UNIT MODEL		RAV-SM362KRTP-UL
PERFORMANCE		
Cooling Rated Capacity	Btu/h	36,000
Heating Rated Capacity	Btu/h	47,000
Fan Type (Qty)		Turbo (1)
Airflow (H/M/L)	CFM	970/910/735
Sound Pressure (H/M/L)	dBA	50/47/43
ELECTRICAL		
Power Supply	V/Ph/Hz	From ODU
FILTER		
Type		Washable
Quantity		2
MERV Corresponding Value		5
Dimensions (W x L x D)	in.	16-1/2 x 19-5/8 x 1/16

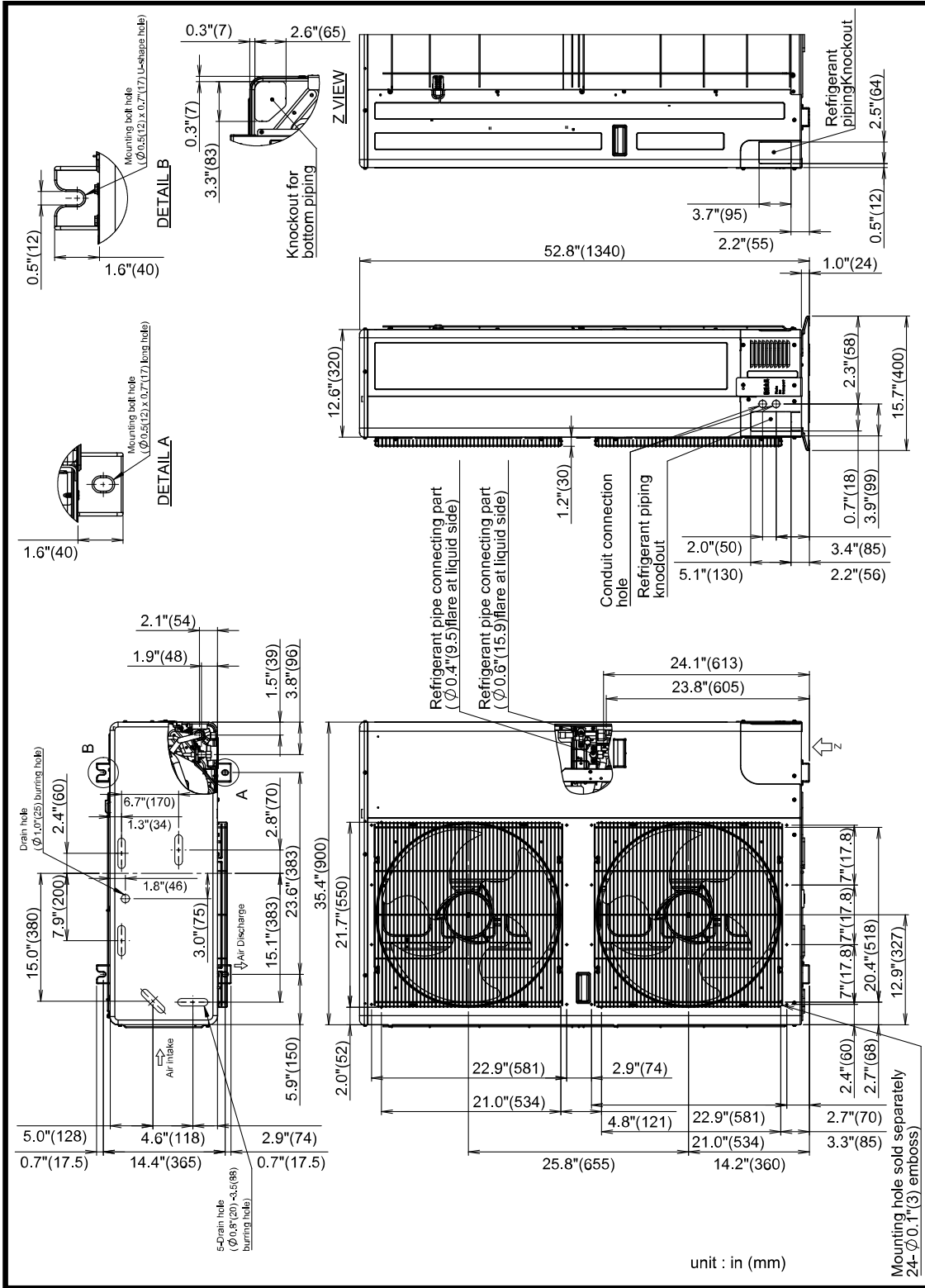
PHYSICAL DATA		
Pipe Connection Size - Liquid (High Pressure)	in	3/8 (Flare)
Pipe Connection Size - Gas (Low Pressure)	in	5/8 (Flare)
Condensate Drain Connection	in	7/8
External Finish		Munsell 2.5GY9.0/0.5
Unit Width	in	47-1/4
Unit Height	in	13-3/4
Unit Depth	in	11.0
Unit Net Weight	lb	44
MOTOR		
Motor Type		DC
Motor Watts	W	61

ACCESSORIES

- ☐ Wired Remote Controller (7-Day Programmable) RBC-AMS54E-UL
- ☐ Simple Wired Remote Controller RBC-AS41UL
- ☐ Remote Sensor TCB-TC41LUL
- ☐ Wired Remote Controller RBC-AMT32UL
- ☐ Condensate Drain Pipe Kit 53DS-900---118

DIMENSIONAL DRAWING

OUTDOOR UNIT RAV-SP362AT2P-UL



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Technical drawing of the KFR-26GW/DN-A1 air conditioner, showing front, top, and side views with dimensions in inches and millimeters.

Front View Dimensions:

- Overall width: 47.2" (1200)
- Front panel height: 2.9" (74)
- Front panel depth: 2.0" (50)
- Air filter height: 0.3" (7.5)
- Air inlet grille height: 11.0" (280)
- Bushing knock out height: 2.9" (74)
- Overall height: 13.7" (348)

Top View Dimensions:

- Overall width: 47.2" (1200)
- Overall height: 2.0" (50)
- Hook part of an installation plate: 1.9" (49)
- Refrigerant pipe connecting port (Gas side): Ø 5/8" (15.88)
- Refrigerant pipe connecting port (Liquid side): Ø 3/8" (9.52)
- Drain hose: 13.8" (350)
- (The outside diameter of thermal insulation): Ø 1.1" (29)
- (Tip size of Drain hose): Ø 0.5" (14) (inside diameter), Ø 0.6" (15) (outside diameter)

Side View Dimensions:

- Overall height: 13.7" (348)
- Distance to ceiling side: 2.2" (57) or more
- Distance to surface of wall: 2.4" (61) or more
- Distance to surface of wall: 4.8" (123) or more
- Overall width: 47.2" (1200)
- Overall height: 13.7" (348)
- Distance to ceiling side: 2.2" (57) or more
- Distance to surface of wall: 2.4" (61) or more
- Distance to surface of wall: 4.8" (123) or more
- Overall width: 47.2" (1200)
- Overall height: 13.7" (348)
- Distance to ceiling side: 2.2" (57) or more
- Distance to surface of wall: 2.4" (61) or more
- Distance to surface of wall: 4.8" (123) or more

Wireless remote controller:

- Overall height: 6.8" (172)
- Overall width: 2.3" (58)
- Overall depth: 0.8" (20)

Remote controller holder:

- Overall height: 5.9" (149)
- Overall width: 2.5" (63)
- Overall depth: 0.7" (17.5)

