

# SUBMITTAL 30RGLXD

# **AIRSTAGE**

### Inverter Driven Heat Pump

### 30,000 BTU Mid Static Ducted

Job Name		
Location	Date	
Engineer	Арргоval —	
Submitted To	Construction	
Submitted By	Unit No	
Reference	Drawing No	

#### **PRODUCT FEATURES**

Gross (H x W x D) Net Weight

Gross Weight

Effective Date:

lb (kg)

Up To 0.8" WC Two wire or Three wire Controls Automatic Airflow Adjustment Heating operation rated down to -5°F outdoor temperature Quiet Operation (as low as 29 decibels) Long Lineset Lengths (up to 164')





MODEL NUMBERS					
Indoor Unit ARU30RG					
Outdoor Unit			AOU30RGLX		
System					
EFFICIENCIES					
SEER			16.5		
SEER 2 1					
EER 1			10.6		
EER 2			10		
HSPF			10.4		
HSPF 2			9.1		
COP	kW/kW		3.78		
COP	Btu/hW		12.9		
COP2	kW/kW		3.64		
COP2	Btu/hW		12.4		
OUTDOOR TEMPERATU	RE OPERATIO	N RANGE			
Cooling	°F(°C)	-5 to 115 (-21 to 46)			
Heating	1 ( C)		-5 to 75 (-21 to 24)		
CAPACITIES					
Cooling	Rated		30000		
Cooming	Min.–Max.	Btu/h	9,600–35,000		
Heating	Rated	Diam	32000		
	Min.–Max.		9,200–39,000		
LINESET REQUIREMENT	rs				
Connection Method			Flare		
Liquid	in (mm)		Ø3/8 (9.52)		
Gas	()	Ø5/8 (15.88)			
Pre-charge length		66 (20)			
Minimum Length	ft (m)	16 (5)			
Max. length	,	164 (50)			
Max. height difference					
INDOOR DIMENSIONS	& WEIGHT				
Net (H × W × D)	in (mm)	11-13/16 × 39-3/8 × 27-9/16 (300 × 1,000 × 700) 15-3/4 × 48-3/4 × 34-7/16 (400 × 1,238 × 875)			
Gross (H × W × D)	111 (111111)				
Net Weight	lb (kg)	93 (4			
Gross Weight	ID (KG)	110 (50)			
OUTDOOR DIMENSION	S & WEIGHT				
Net (H x W x D)	in (mm)	32-11/16 × 35-7/16 × 13 (830 × 900 × 330)			
Gross (H x W x D)		39-3/8 × 4	39-3/8 × 41-5/16 × 17-1/2 (1,000 × 1,050 × 445)		

#### **Warranty Information**



7 Year Compressor, 5 Year Parts out-of-the-box Warranty



10 Year Compressor, 10 Year Parts Warranty when registered within 60 days of installation in a residence



12 Year Compressor, 12 Year Parts Warranty when registered within 60 days of installation in a residence, and installed by a Fujitsu Elite contractor

ACCESSORIES	
UTY-RNRUZ-Series	Wired Remote Controller
UTY-RSRY	Simple Remote Controller
UTY-RHRY	Simple Remote Controller
UTY-LBTUM	IR Receiver Kit with Wireless Remote Controller
UTY-XSZX	Remote Sensor Unit
UTD-LFNB	Long-life Filter
UTY-XWZXZG	External Connect Kit
UTY-XCSX	External Input and Output PCB
UTY-TFSXZ2	WLAN Adapter
UTY-VMSX	Modbus Converter
UTY-TTRXZ1	Thermostat Converter

Due to continuous product improvements, specifications are subject to change without notice. Please log in to the Fujitsu Portal for the most up-to-date documentation https://connect.fujitsugeneral.com

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## **Inverter Driven Heat Pump**

## 30,000 BTU Mid Static Ducted

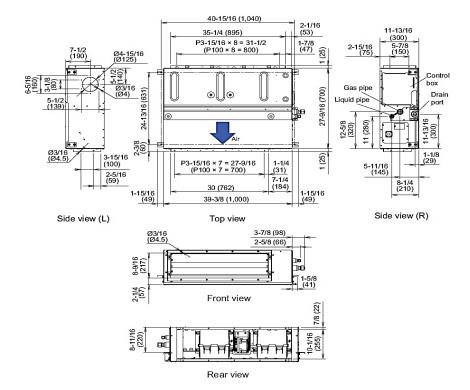
FAN DATA				
TAN DATA	Cooling	HIGH MED LOW	CFM (m3/h)	1,001(1,700) 800 (1,360) 700 (1,190)
Indoor Unit Airflow rate	Heating	QUIET HIGH MED LOW QUIET		630 (1,070) 1,001 (1,700) 800 (1,360) 700 (1,190) 630 (1,070)
Outdoor Unit Airflow	Cooling			2,119 (3,600)
rate	Heating			2,119 (3,600)
SOUND PRESSURE				, (-,,
	Cooling	HIGH MED LOW QUIET		38 34 30 29
Indoor Unit	Heating	HIGH MED LOW QUIET	dB (A)	38 34 30 29
Outdoor Unit	Cooling Heating			53 55
REFRIGERANT				
Туре				R410A
Charge	lb oz g			4 lb 10.1 oz 2100
Oil Type				POE (RB68)

<b>ELECTRICAL SPEC</b>	IFICATIONS			
Voltage/Frequenc	y/Phase			208/230 V~ 60 Hz
Available Voltage Range				187–253 V
Current	Cooling	Rated		13.1
Cullellic	Heating	Rated		11.4
Mayimum Operah	ina Curront	Cooling		15.6
Maximum Operating Current		Heating	A	16.1
Starting current				11.5
MCA				20.8
Maximum Circuit	Breaker			30
	Cooling	Rated		3
laant Dania	Cooling	MinMax.	kW	0.70-3.43
Input Power	Heating	Rated	KVV	2.58
		Min.–Max.		0.62-3.27
Power Factor	Cooling Heating		%	99.6
Power ractor			70	98.4
OTHER			·	*
Moisture Remova		pints/h (L/h)		5.1 (2.4)
Energy Star				No
	Material		PVC	
Drain hose	Tip diameter	in (mm)	Ø13/16 (20.7) (I.D.), Ø1-1/16	
			(26.6) (O.D.)	
	Cooling	°F (°C)	64.4 to 89.6 (18 to 32)	
Operation Range		%RH		80 or less
	Heating	°F (°C)	60.8 to 86.0 (16 to 30)	
Static pressure range		inWG (Pa)	0.12 to 0.80 (30 to 200)	

### **DIMENSIONS:**

Units: In. (mm)

# Indoor Unit:

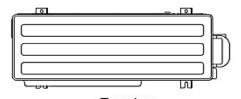


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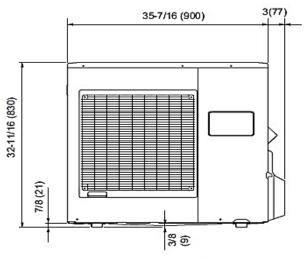
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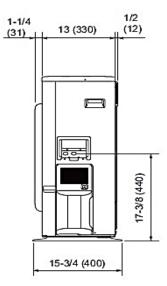
DIMENSIONS Units: In. (mm)

#### Outdoor Unit



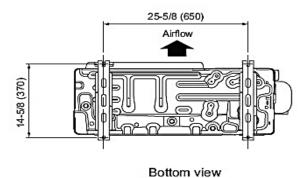
Top view

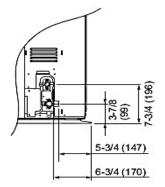




Front view







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Note: Specifications are based on the following conditions: Cooling: Indoor temperature of 80°F (26.7°C) D8/67°F (19.4°C) WB, and outdoor temperature of 95°F (35°C) DB/75°F (23.9°C) WB. Heating: Indoor temperature of 70°F (21.1°C) D8/60°F (15.6°C) WB, and outdoor temperature of 47°F (8.3°C) D8/43°F (6.1°C) WB. Pipe length: 25°ft. (7.5m), Height difference: 0ft. (0m) (Outdoor unit – Indoor unit).