

## **SUBMITTAL 18RGLX**



18,000 BTU Circular Flow Cassette

### **Inverter Driven Heat Pump**

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

#### **PRODUCT FEATURES**

- 360° Circular flow distributes air more evenly around the room
- Adjustable louver swing
- Adjustable airflow
- Optional human sensor detects room occupancy for energy savings
- 7mm High density heat exchanger
- · Seamless airflow louver
- Grille available in White (UTG-GCGF) or Black (UTG-LCGVCB), sold separately





MODEL NUMBERS				
Indoor Unit			AUU18RGLX	
Outdoor Unit			AOU18RGLX	
System			18RGLX	
EFFICIENCIES				
SEER			21.4	
EER			13.4	
HSPF			10.9	
СОР			14.3	
<b>OUTDOOR TEMPER</b>	<b>ATURE OPERATION</b>	N RANGE		
Cooling	°F(°C)		-5 to 115 (-20 to 46)	
Heating	F(C)		-5 to 75 (-20 to 24)	
CAPACITIES				
Cooling	Rated		18,000	
cooning	Min.–Max.	BTU/hW	5,400-21,500	
Heating	Rated	BIU/IIW	21,000	
Heating	Min.–Max.		5,400-25,600	
LINESET REQUIREM	ENTS			
<b>Connection Method</b>			Flare	
Liquid	in (mm)		Ø 1/4 (6.35)	
Gas			Ø 1/2 (12.70)	
Pre-Charge Length			65 (20)	
Minimum Length	ft (m)		16 (5)	
Maximum Length	it (iii)		164 (50)	
Max. Height Diff.		98 (		
INDOOR DIMENSIO	NS & WEIGHT			
Net (H x W x D)	in		9-11/16 × 33-1/16 × 33-1/16	
	mm	246 × 840 × 840		
Gross (H x W x D)	in		11-3/4 × 37-13/16 × 37-3/8	
	mm		298 × 960 × 950	
Net Weight	11- (1)		53 (24)	
Gross Weight Ib (kg)		62 (28)		
OUTDOOR DIMENSI	ONS & WEIGHT	1		
	in		32-11/16 × 35-7/16 × 13	
Net (H x W x D)	mm		830 × 900 × 330	
	in		39-3/8 × 41-5/16 × 17-1/2	
Gross (H x W x D)	mm		1,000 × 1,050 × 445	
Net Weight			134 (61)	
Gross Weight	lb (kg)		152 (69)	
Gross mergine	1		152 (05)	

#### Warranty Information



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

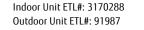


10 Year Compressor, 10 Year Parts Warranty when registered within 30 days of installation in a residence



12 Year Compressor, 12 Year Parts Warranty when registered within 30 days of installation in a residence, and installed by a Fujitsu Elite contractor

ACCESSORIES	
UTG-GCGF	White Cassette Grille
UTG-LCGVCB	Black Cassette Grille
UTY-RNRUZ2	Wired Remote Control
UTY-RSRY	Simple Remote Control
UTY-LBTUC	IR Receiver Kit w/ Wireless Remote
UTY-SHZXC	Human Sensor Kit
UTY-TTRX	Third Party Thermostat Adapter





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://portal.fujitsugeneral.com

Effective Date: 11/20/2018

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		111111	/////	/////
FAN DATA				
	Cooling	High		618 (1,050)
Indoor Unit Airflow		Medium	CFM (m3/h)	565 (960)
		Low		530 (900)
		Quiet		459 (780)
Rate	Heating	High		618 (1,050)
		Medium		565 (960)
		Low		530 (900)
		Quiet		459 (780)
Outdoor Unit	Cooling			1,177 (2,000)
Airflow Rate	Heating			1,489 (2,530)
SOUND PRESSURE				
	Cooling	High	dB (A)	33
		Medium		32
		Low		31
Indoor Unit		Quiet		28
	Heating	High		33
		Medium		32
		Low		31
		Quiet		28
Outdoor Unit	Cooling			47
	Heating			50
REFRIGERANT				
Туре				R410A
Charge	lb oz			4 lb 10.1oz
charge	g			2,100
Oil Type				POE (RB68)

ELECTRICAL SPI	ECIFICATIONS			
Voltage/Freque	ncy/Phase			208-230V/60Hz/1
Voltage Range				187–253 V
Current	Cooling	Rated		6.1
	Heating	Rated		6.6
Maximum Operating Current		Cooling	A	13.6
		Heating		14.1
Starting Current				6.6
MCA			18.3	
Maximum Circuit Breaker				20
	Cooling	Rated		1.35
Input Power	cooning	Min.–Max.	kW	0.50-2.05
input Power	Heating	Rated		1.47
	neating	Min.–Max.		0.48-2.27
Power Factor	Cooling		%	97
	Heating			97
OTHER				
Moisture Removal		pints/h (L/h) 3.9 (2.2		
Energy Star				No
Drain hose	Material	PVC (VP25)		
	Size	in (mm)	Ø 1 (25) (I.D.), Ø 1-1/16 (26.6)	
Operation	Cooling	°F (°C) 64 to 90 (18 to 32)		
Range		%RH	80 or less	
Kange	Heating	°F (°C)	60 to 86 (16 to 30)	

#### CASSETTE GRILL (SOLD SEPARATELY)

			\A/L:L-
Color	UTG-GCGF	White	
	UTG-LCGVB	Bla	
Dimensions (H x W x D)	Net	in (mm)	2- 1/16 x 37-3/8 x 37 3/8
			(53 x 950 x 950)
	Gross		4-5/16 x 39-3/8 x 39-3/4
			(110 x 1,000 x 1,000
Weight	Net	lb (kg)	13 (6.0)
	Gross		22 (10)

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Note: Specifications are based on the following conditions: Cooling: Indoor temperature of 80°F (26.7°C) DB/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) DB/60°F (15.6°C) WB, and outdoor temperature of 47°F (8.3°C) DB/43°F (6.1°C) WB. Pipe length: 25ft. (7.5m), Height difference: Oft. (0m) (Outdoor unit – indoor unit).

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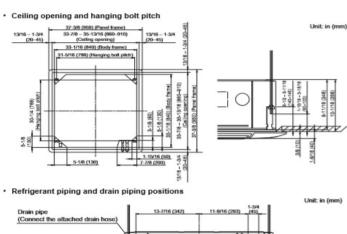


#### DIMENSIONS

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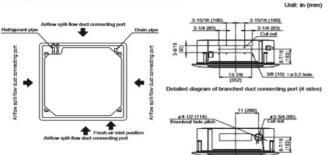
Units: In. (mm)

Halcyon >

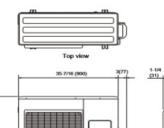




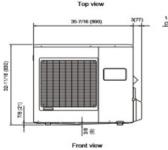
· Airflow split-flow duct and fresh-air inlet positions



3/16 (4) ×#3.2 hole

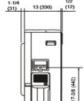


Unit: in (mm)



25-5/8 (850)

Bottom view



15-3/4 (400)

Side view

5.78 13 5-3/4 (147) 6-3/4 (170)

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14-5/8 (370)

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