

**Inverter Driven Heat Pump**

**42,000 BTU Mid Static ducted**

Job Name \_\_\_\_\_  
 Location \_\_\_\_\_  
 Engineer \_\_\_\_\_  
 Submitted To \_\_\_\_\_  
 Submitted By \_\_\_\_\_  
 Reference \_\_\_\_\_

Date \_\_\_\_\_  
 Approval \_\_\_\_\_  
 Construction \_\_\_\_\_  
 Unit No \_\_\_\_\_  
 Drawing No \_\_\_\_\_

**PRODUCT FEATURES**

- Up to .80" WC
- Two wire or Three wire Controls
- Automatic Airflow Adjustment
- Heating operation rated down to -5°F outdoor temperature.
- Quiet Operation (as low as 24 decibels)
- Long Lineset Lengths (up to 246')



MODEL NUMBERS	
Indoor Unit	ARU42RGLX
Outdoor Unit	AOU42RGLX
System	42RGLXD

EFFICIENCIES		
SEER	17.8	
EER	11.5	
HSPF	10.5	
COP	kW/kW	3.75
	Btu/hW	12.8

OUTDOOR TEMPERATURE OPERATION RANGE	
Cooling	*F(*C) -5 to 115 (-20 to -46)
Heating	-5 to 75 (-20 to 24)

CAPACITIES		
Cooling	Rated	42,000
	Min.-Max.	17,100-45,000
Heating	Rated	47,000
	Min.-Max.	(18,000 - 51,000)

LINESET REQUIREMENTS		
Connection Method		Flare
Liquid	in (mm)	Ø 3/8 (9.52)
		Ø 5/8 (15.88)
Pre-Charge Length	ft (m)	98 (30)
		16 (5)
		246 (75)
		98 (30)

INDOOR DIMENSIONS & WEIGHT		
Net (H x W x D)	in	11- 3/16 x 55 1/8 x 27-9/16
	mm	(300 x 1,400 x 700)
Gross (H x W x D)	in	15-3/4 x 64-1/2 x 34-7/16
	mm	(400 x 1,638 x 875)
Net Weight	lb (kg)	121 (55)
		141 (64)

OUTDOOR DIMENSIONS & WEIGHT		
Net (H x W x D)	in	50-13/16 x 35-7/16 x 13
	mm	1,290 x 900 x 330
Gross (H x W x D)	in	57-1/2 x 41-5/16 x 17-1/2
	mm	1,460 x 1,050 x 445
Net Weight	lb (kg)	209 (95)
		231 (105)

**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**

UTY-RNRUZ2	Wired Remote Control
UTY-RVNUM	Wired Remote Control
UTY-RSRY	Simple Remote Control
UTY-LBTUM	IR Receiver Kit
UTY-TTRX	Third Party Thermostat Adapter
UTY-TFSXZ2	WiFi Module
UTY-XSZX	Remote Sensor



Indoor Unit ETL#: 3170288  
 Outdoor Unit ETL#: 91987

**Inverter Driven Heat Pump**
**42,000 BTU Mid Static ducted**

FAN DATA				
Indoor Unit Airflow Rate	Cooling	High	CFM (m3/h)	1501 (2550)
		Medium		1201 (2040)
		Low		971 (1650)
		Quiet		842 (1430)
	Heating	High		1501 (2550)
		Medium		1201 (2040)
		Low		971 (1650)
		Quiet		842 (1430)
Outdoor Unit Airflow Rate	Cooling		3,973 (6,750)	
	Heating		3,649 (6,200)	
SOUND PRESSURE				
Indoor Unit	Cooling	High	dB (A)	40
		Medium		35
		Low		33
		Quiet		29
	Heating	High		40
		Medium		35
		Low		33
		Quiet		29
Outdoor Unit	Cooling		55	
	Heating		57	
REFRIGERANT				
Type				R410A
Charge	lb oz			7 lb 10.1oz
	g			3,450
Oil Type				POE (RB68)

ELECTRICAL SPECIFICATIONS				
Voltage/Frequency/Phase				208-230V/60Hz/1
Voltage Range				187-253 V
Current	Cooling	Rated	A	16.0
	Heating	Rated		16.1
Maximum Operating Current		Cooling		19.7
		Heating		19.7
Starting Current				16.8
MCA				25.2
Maximum Circuit Breaker				30
Input Power	Cooling	Rated	kW	3.65
		Min.-Max.		0.75-4.47
Heating	Rated	3.67		
	Min.-Max.	0.67-4.57		
Power Factor	Cooling		%	99.2
	Heating			99.1
OTHER				
Moisture Removal		pints/h (L/h)		5.5 (2.6)
Energy Star				NO
Drain hose	Material		PVC	
	Size	in (mm)	Ø 13/16 (20.7) [I.D.], Ø 1-1/16 (26.6)	
Operation Range	Cooling	°F (°C)	64 to 90 (18 to 32)	
		%RH	80 or less	
	Heating	°F (°C)	60 to 86 (16 to 30)	
Static Pressure Range	in. WG		0.12 - 0.72	
	Pa		30 - 200	

The Fujitsu logo is a worldwide trademark of Fujitsu General Limited. The Halcyon logo and name is a worldwide trademark of Fujitsu General Limited and is a registered trademark in Japan, the USA and other countries or areas. Copyright 2018 Fujitsu General America, Inc. Fujitsu's products are subject to continuous improvements. Fujitsu reserves the right to modify product design, specifications and information in this brochure without notice and without incurring any obligations.

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: 0ft. (0m) (Outdoor unit - indoor unit).

