

Project Name: INN	I AT DIAMOND ISLAND		
Location:		Approval:	
Engineer:	DAVID CHADWICK	Date:	8/27/2013
Submitted to:	GRANITE CORP	Construction:	3,2.,20.0
Submitted by:		Unit #:	
	AT DIAMOND ISLAND	Drawing #:	
Performance			
Outdoor Unit Model No:	RXYQ192PBTJ	Condensing Unit Type:	16-Ton VRV-III Heat Pump
Type:	10(102121210		
Rated Cooling Capacity (Btu/hr):	184000	Unit Combination:	RXYQ120PBTJ RXYQ72PBTJ
Nom Cooling Capacity (Btu/hr):	216000		
Cooling Input Power (kW):	15.59		Indoor: 80F DB/67F WB
SEER:	N/A	Rated Cooling	Outdoor: 95°F DB/75°F WB
IEER:	19.9/19.1	Conditions	
Rated Heating Capacity (Btu/hr):	206000	D : 111 ::	Indoor: 70F DB/60F WB
Nom Heating Capacity (Btu/hr):	243000	Rated Heating	Outdoor: 47F DB/43F WB
Heating Input Power (kW):	17.01	Conditions	
Heating COP (Btu/hr / Btu/hr):	3.7/3.55	Rated Piping Length (ft)	100 / 50
HSPF:	N/A	Rated Height Difference	
Heating COP 17F (Btu/hr / Btu/hr):	2.55/2.45		
Condensing Unit Details			
Power Supply (V/Hz/Ph):	208-230/60/3ph	Compressor Type:	Inverter
Power Supply Connections:	L1, L2, L3 Ground	Capacity Control Range	
Min. Circuit Amps MCA (A):	43+30	Capacity Index Limit:	96 - 249.6 (130%)
Max. Overcurrent Protection (MOP)		Airflow Rate (CFM):	8,230+6,350
Max. Starting Current MSC(A):	140	Gas Pipe Connection (in	
Rated Load Amps RLA (A):	(10.8+16.8)+14.2	Liquid Pipe Connection (	
Dimensions Height (Inch):	66-1/8	H/L Pressure Connection	, ,
Dimensions Width (Inch):	85-1/2	H/L Equalizing Connection	
Dimensions Depth (Inch):	30-1/8	Sound Pressure Level (a	
Net Weight (lbs):	620+420	Sound Power Level (dBA	,
		Max. No. of Indoor Units:	33
System Details			
Refrigerant Type:	R-410A	Cooling Operation Range	
Holding Refrigerant Charge (lbs):	22.1+16.5	Cooling Range w/Baffle (	
Additional Charge (lbs/ft):	install data	Heating Operation Range	
Pre-charge Piping (Length ft):		Heating Range w/Baffle	(F):
Max. Pipe Length (Total ft):			
Max. Pipe Length (Vertical ft):	164 ft (295 ft) / 295 ft		
Max Height Seperation (Ind to Ind t	ft):		



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Location:	IININ AT DIAW	OND ISLAND	Approval:	
Engineer:	DAVIC	CHADWICK	Date:	8/27/2013
Submitted to:		ANITE CORP	Construction:	0/21/2013
Submitted by:		THE COLL	Unit #:	
Reference:	INN AT DIAM	OND ISLAND	Drawing #:	
		<u> </u>	<u>Drawing m.</u>	
<u>Performance</u>				
Outdoor Unit Model No:	R)	XYQ216PBTJ	Condensing Unit Type:	18-Ton VRV-III Heat Pump
Туре:				
Rated Cooling Capacity (E	3tu/hr):	206000	Unit Combination:	RXYQ120PBTJ RXYQ96PBTJ
Nom Cooling Capacity (Bt		240000		
Cooling Input Power (kW)	:	17.61	Dated Cooling	Indoor: 80°F DB/67°F WB
SEER:		N/A	Rated Cooling	Outdoor: 95
IEER:		19.2/19.5	Conditions	
Rated Heating Capacity (E	3tu/hr):	231000	Datad Haating	Indoor: 70
Nom Heating Capacity (Bt	tu/hr):	270000	Rated Heating Conditions	Outdoor: 47F DB/43F WB
Heating Input Power (kW)	:	18.81	Conditions	
Heating COP (Btu/hr / Btu	/hr):	3.8/3.60	Rated Piping Length (ft)	100 / 50
HSPF:		N/A	Rated Height Difference (f	<i>t</i> ) 0
Heating COP 17F (Btu/hr)	/ Btu/hr):	2.6/2.45		
			-	
<b>Condensing Unit Details</b>				
Power Supply (V/Hz/Ph):	20	08-230/60/3ph	Compressor Type:	Inverter
Power Supply Connection		2, L3 Ground	Capacity Control Range (9	<i>6):</i> 7 - 100
Min. Circuit Amps MCA (A		43+43	Capacity Index Limit:	108 - 280.8 (130%)
Max. Overcurrent Protection	,	50+50	Airflow Rate (CFM):	8,230+8,230
Max. Starting Current MSC		158	Gas Pipe Connection (inch	n): 1-1/8
Rated Load Amps RLA (A		8)+(7.8+16.8)	Liquid Pipe Connection (in	<i>ch):</i> 5/8
Dimensions Height (Inch):		66-1/8	H/L Pressure Connection	(inch):
Dimensions Width (Inch):		97-3/4	H/L Equalizing Connection	(inch):
Dimensions Depth (Inch):		30-1/8	Sound Pressure Level (dB	A): 63
Net Weight (lbs):		620+620	Sound Power Level (dBA).	
			Max. No. of Indoor Units:	37
			-	
System Details				
Refrigerant Type:		R-410A	Cooling Operation Range	( <i>F</i> ): 23 - 110
Holding Refrigerant Charg	je (lbs):	22.1+21.4	Cooling Range w/Baffle (9	
Additional Charge (lbs/ft):		install data	Heating Operation Range	
Pre-charge Piping (Length	n ft):	_	Heating Range w/Baffle (9	
Max. Pipe Length (Total ft	,			
Max. Pipe Length (Vertica		295 ft) / 295 ft		

Max Height Seperation (Ind to Ind ft):



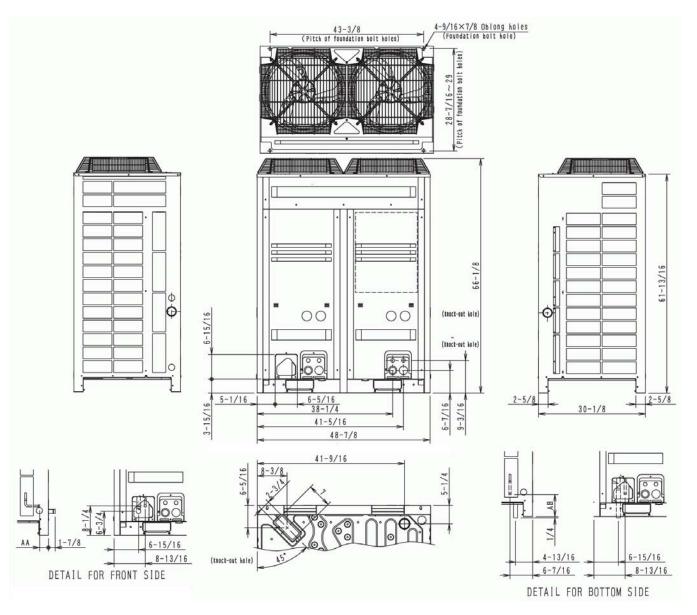
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•	AT DIAMOND ISLAND	Amman	
Location:	DAVID CHADWICK	Approval:	0/07/2042
Engineer: Submitted to:	GRANITE CORP	Date:	8/27/2013
	GRANITE CORP	Construction:	
Submitted by: Reference: INN /	AT DIAMOND ISLAND	Unit #:	
Reference.	AT DIAMOND ISLAND	Drawing #:	
Performance			
Outdoor Unit Model No:	RXYQ240PBTJ	Condensing Unit Type:	20-Ton VRV-III Heat Pump
Type:			·
Rated Cooling Capacity (Btu/hr):	228000	Unit Combination:	RXYQ120PBTJ RXYQ120PBTJ
Nom Cooling Capacity (Btu/hr):	264000		
Cooling Input Power (kW):	19.66	Data d Carlina	Indoor: 80F DB/67F WB
SEER:	N/A	Rated Cooling	Outdoor: 95F DB/75F WB
IEER:	18.2/16.1	Conditions	
Rated Heating Capacity (Btu/hr):	257000	Datad Haating	Indoor: 70F DB/60F WB
Nom Heating Capacity (Btu/hr):	297000	Rated Heating	Outdoor: 47F DB/43F WB
Heating Input Power (kW):	21.52	Conditions	
Heating COP (Btu/hr / Btu/hr):	3.6/3.5	Rated Piping Length (ft)	100 / 50
HSPF:	N/A	Rated Height Difference	(ft) 0
Heating COP 17F (Btu/hr / Btu/hr):	2.55/2.35		
Condensing Unit Details		0	
Power Supply (V/Hz/Ph):	208-230/60/3ph	Compressor Type:	Inverter
Power Supply Connections:	L1, L2, L3 Ground	Capacity Control Range	, ,
Min. Circuit Amps MCA (A):	43+43	Capacity Index Limit:	120 - 312 (130%)
Max. Overcurrent Protection (MOP)		Airflow Rate (CFM):	8,230+8,230
Max. Starting Current MSC(A):	159	Gas Pipe Connection (in	
Rated Load Amps RLA (A):	(10.8+16.8) x 2	Liquid Pipe Connection (	
Dimensions Height (Inch):	66-1/8	H/L Pressure Connection	, ,
Dimensions Width (Inch):	97-3/4	H/L Equalizing Connection	
Dimensions Depth (Inch):	30-1/8	Sound Pressure Level (d	
Net Weight (lbs):	620+620	Sound Power Level (dBA	
		Max. No. of Indoor Units	: 41
System Details			
Refrigerant Type:	R-410A	Cooling Operation Range	e (F): 23 - 110
Holding Refrigerant Charge (lbs):	22.1+22.1	Cooling Range w/Baffle	(F):
Additional Charge (lbs/ft):	install data	Heating Operation Rang	e (%): 0 - 77 / (-4) - 60
Pre-charge Piping (Length ft):	_	Heating Range w/Baffle	(F):
Max. Pipe Length (Total ft):			
Max. Pipe Length (Vertical ft):	164 ft (295 ft) / 295 ft		
Max Height Seperation (Ind to Ind ft)	<u>):</u>		



Project Name:		
Location:	Approval:	
Engineer:	Date:	
Submitted to:	Construction:	
Submitted by:	Unit #:	
Reference:	Drawing #:	

#### **Dimensional Drawing - Condensing Unit**

RXYQ120PBTJ

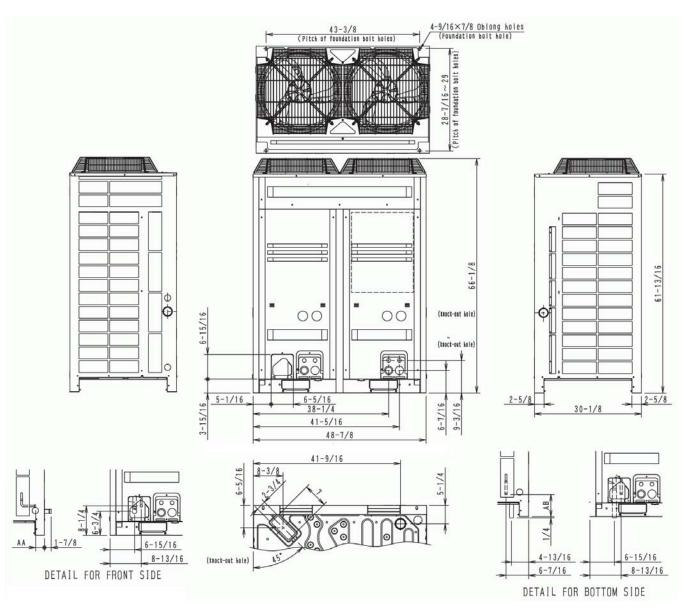




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Engineer:	Date:	
Submitted to:	Construction:	
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Reference:	Drawing #:	

#### **Dimensional Drawing - Condensing Unit**

RXYQ96PBTJ

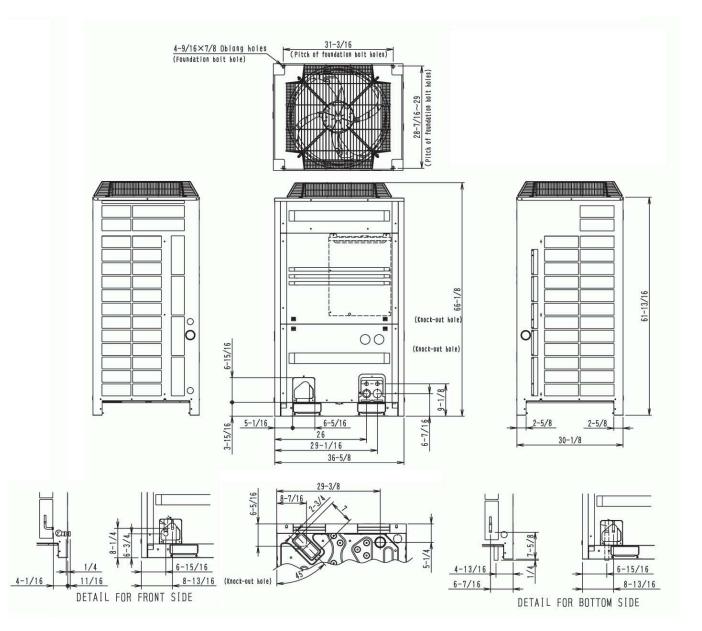




Project Name:	
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:

#### **Dimensional Drawing - Condensing Unit**

RXYQ72PBTJ





Project Name:	INN AT DIAMOND ISLAND		
Location:		Approval:	
Engineer:	DAVID CHADWICK	Date:	8/27/2013
Submitted to:	GRANITE CORP	Construction:	
Submitted by:		Unit #:	
Reference:	INN AT DIAMOND ISLAND	Drawing #:	
Performance			
Indoor Unit Model No:	FXAQ07PVJU	Indoor Unit Type:	Wall Mounted
Rated Cooling Capacity (Btu/			Indoor: 80°F DB/67°F WB
Sensible Capacity (Btu/hr):	6400	Rated Cooling Conditions	Ambient: 95°F DB/75°F WB
Cooling Input Power (kW):	0.019		Indoor: 70°F DB/60°F WB
Rated Heating Capacity (Btu/		Rated Heating Conditions	Ambient: 47°F DB/43°F WB
Heating Input Power (kW):	0.029	Rated Piping Length (ft)	25
Trodding input I ower (KW).	0.020	Rated Height Separation (ft)	
Jacks on Hold Baralla			
Indoor Unit Details	200 220/00/4 = b	Airflow Poto (CEM wat sail)	260//160
Power Supply (V/Hz/Ph:)	208-230/60/1ph	Airflow Rate (CFM wet coil) Moisture Removal (pt/h):	260//160
Power Supply Connections:	L1, L2, Ground		. 4/5
Min. Circuit Amps MCA (A):	0.4	Gas Pipe Connection (inch).	
Max. Overcurrent Protection	(MOP) (A): 15 11-3/8x31-1/4x9-1/4	Liquid Pipe Connection (incl Condensate Connection (inc	/
Dimensions (HxWxD):		Sound Pressure Level (dBA	
Panel (HxWxD):	N/A 26	Sound Power Level (dBA):	). 30
Net Weight (lbs):		External Static Pressure/Ma	x (inWg): 0 / 0
Net Weight with Panel (lbs):		Controller Name:	<i>x</i> ( <i>mwg</i> ). 0 / 0
		Controller Name.	
FXAQ07PVJU		FXAQ07PVJU	
		Std U.S. Warranty: 7yrs C	Compressor, 1yrs Parts



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Submitted to:	GRANITE CORP	Construction:	0,2.,20.0
Submitted by:		Unit #:	
	NN AT DIAMOND ISLAND	Drawing #:	
Performance			
Indoor Unit Model No:	FXAQ09PVJU	Indoor Unit Type:	Wall Mounted
Rated Cooling Capacity (Btu/hr)			Indoor: 80°F DB/67°F WB
Sensible Capacity (Btu/hr):	7300	Rated Cooling Conditions	Ambient: 95°F DB/75°F WB
Cooling Input Power (kW):	0.028		Indoor: 70°F DB/60°F WB
Rated Heating Capacity (Btu/hr)		Rated Heating Conditions	Ambient: 47°F DB/43°F WB
Heating Input Power (kW):	0.034	Rated Piping Length (ft)	25
riodang inpat i ower (KW).	0.001	Rated Height Separation (ft)	0
		· · · · · · · · · · · · · · · · · · ·	
Indoor Unit Details			
Power Supply (V/Hz/Ph:)	208-230/60/1ph	Airflow Rate (CFM wet coil)	280//175
Power Supply Connections:	L1, L2, Ground	Moisture Removal (pt/h):	
Min. Circuit Amps MCA (A):	0.4	Gas Pipe Connection (inch):	1/2
Max. Overcurrent Protection (Mo	<i>OP) (A):</i> 15	Liquid Pipe Connection (inch	n): 1/4
Dimensions (HxWxD):	11-3/8x31-1/4x9-1/4	Condensate Connection (inc	<i>h</i> ): 11/16
Panel (HxWxD):	N/A	Sound Pressure Level (dBA)	37
Net Weight (lbs):	26	Sound Power Level (dBA):	
Net Weight with Panel (lbs):		External Static Pressure/Max	x (inWg): 0 / 0
		Controller Name:	
FXAQ09PVJU		FXAQ09PVJU	
		Std U.S. Warranty: 7yrs C	ompressor, 1vrs Parts
			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
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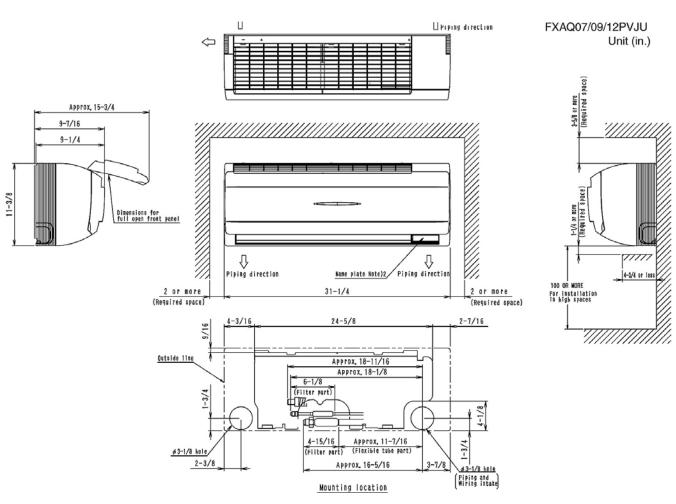
Project Name: INN	AT DIAMOND ISLAND		
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Submitted to:	GRANITE CORP	Construction:	
Submitted by:		Unit #:	
Reference: INN	AT DIAMOND ISLAND	Drawing #:	
Performance Performance			
Indoor Unit Model No:	FXAQ12PVJU	Indoor Unit Type:	Wall Mounted
Rated Cooling Capacity (Btu/hr):	12000	indoor Onit Type.	Indoor: 80F DB/67F WB
Sensible Capacity (Btu/hr):	8900	Rated Cooling Conditions	Ambient: 95°F DB/75°F WB
Cooling Input Power (kW):	0.03		Indoor: 70°F DB/60°F WB
Rated Heating Capacity (Btu/hr):	13500	Rated Heating Conditions	Ambient: 47F DB/43F WB
Heating Input Power (kW):	0.035	Rated Piping Length (ft)	25
nealing input Power (kw).	0.035	Rated Height Separation (ft)	0
		Nated Height Separation (it)	0
Indoor Unit Details			
Power Supply (V/Hz/Ph:)	208-230/60/1ph	Airflow Rate (CFM wet coil)	290//180
Power Supply Connections:	L1, L2, Ground	Moisture Removal (pt/h):	
Min. Circuit Amps MCA (A):	0.4	Gas Pipe Connection (inch):	1/2
Max. Overcurrent Protection (MOP)		Liquid Pipe Connection (inch)	
Dimensions (HxWxD):	11-3/8x31-1/4x9-1/4	Condensate Connection (inch	
Panel (HxWxD):	N/A	Sound Pressure Level (dBA):	,
Net Weight (lbs):	26	Sound Power Level (dBA):	
Net Weight with Panel (lbs):		External Static Pressure/Max	(inWg): 0 / 0
		Controller Name:	<u> </u>
FXAQ12PVJU		FXAQ12PVJU	
		Std U.S. Warranty: 7yrs Co	mpressor, 1yrs Parts



Project Name:	
Location:	Approval:
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Submitted by:	Unit #:
Reference:	Drawing #:

#### **Dimensional Drawing - Indoor Unit**

FXAQ09PVJU





Project Name:		
Location:	Approval:	
Engineer:	Date:	
Submitted to:	Construction:	
Submitted by:	Unit #:	
Reference:	Drawing #:	

#### **Dimensional Drawing - Indoor Unit**

FXAQ07PVJU

