



Right-Suite® Universal 2023 Short Form

Mini Split #1

New Age Dimensions, L.L.C.

Job: Kingdom Culture Acade...

Date: 05/06/2024

By: John PirkI

Plan: Manual N and D

14080 S.E. 122nd Lane Road, Ocklawaha, FL 32179 Phone: (352) 288 - 0686 Fax: (352) 288 - 0684 Email: john.newage@gmail.com Web: www.newagedimensions.webs.com

Project Information

For: Jarvis Heat & Air, LLC
2001 N.E. 31st Avenue, Gainesville, FL 32609
Phone: (352) 316 - 4573

Outside db	(°F)	Htg	Clg
Outside RH	(%)	33	91
Outside wb	(°F)	-	49
Daily range	(°F)	-	76
Moisture diff.	(gr/lb)	-	18
			44

Inside db	(°F)	Htg	Clg
Inside RH	(%)	70	75
Inside wb	(°F)	-	50
Design TD	(°F)	-	63
		37	16

Heating Equipment

Make	CARRIER
Model	38MVRAQ12AA1
Type	Split ASHP
Efficiency	8.7 HSPF2
Heating Input	
Heating Output	12.0 MBtuh @ 47°F
Humidifier	4.6 gpd
Leaving Air Temp	97.4 °F
Actual Heating Fan	400 cfm

Cooling Equipment

Make	CARRIER
Model	38MVRAQ12AA1
Type	Split ASHP
COP / EER / SEER	17.4
Sensible Cooling	8.4 MBtuh
Latent Cooling	3.6 MBtuh
Total Cooling	12.0 MBtuh
Leaving Air Temp	55.0 °F
Actual Cooling Fan	400 cfm

Equipment Location	Mini Split #1
System Type	PEAKCV
Fan Motor Heat Type	PACKAGE
Fan & Motor Combined Efficiency	0 %
Static Pressure Across Fan	0 in H2O

NAME	Area ft²	Heat Loss	Sensible Gain	Latent Gain	Htg cfm	Clg cfm	Time
Classroom #1	574	9945	8586	2887	400	400	Jul 1800 LDT
Mini Split #1	574	9945	8586	2887	400	400	Jul 1800 LDT





Right-Suite® Universal 2023 Short Form

Mini Split #2

New Age Dimensions, L.L.C.

Job: Kingdom Culture Acade...

Date: 05/06/2024

By: John PirkI

Plan: Manual N and D

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Project Information

For: Jarvis Heat & Air, LLC
2001 N.E. 31st Avenue, Gainesville, FL 32609
Phone: (352) 316 - 4573

Outside db	(°F)	Htg	Clg
Outside RH	(%)	33	91
Outside wb	(°F)	-	49
Daily range	(°F)	-	76
Moisture diff.	(gr/lb)	-	18
			44

Inside db	(°F)	Htg	Clg
Inside RH	(%)	70	75
Inside wb	(°F)	-	50
Design TD	(°F)	-	63
		37	16

Heating Equipment

Make	CARRIER
Model	38MVRAQ12AA1
Type	Split ASHP
Efficiency	8.7 HSPF2
Heating Input	
Heating Output	12.0 MBtuh @ 47°F
Humidifier	4.6 gpd
Leaving Air Temp	97.4 °F
Actual Heating Fan	400 cfm

Cooling Equipment

Make	CARRIER
Model	38MVRAQ12AA1
Type	Split ASHP
COP / EER / SEER	17.4
Sensible Cooling	8.4 MBtuh
Latent Cooling	3.6 MBtuh
Total Cooling	12.0 MBtuh
Leaving Air Temp	55.0 °F
Actual Cooling Fan	400 cfm

Equipment Location	Mini Split #2
System Type	PEAKCV
Fan Motor Heat Type	PACKAGE
Fan & Motor Combined Efficiency	0 %
Static Pressure Across Fan	0 in H2O

NAME	Area ft²	Heat Loss	Sensible Gain	Latent Gain	Htg cfm	Clg cfm	Time
Classroom #2	574	8284	7792	2887	400	400	Jul 1800 LDT
Mini Split #2	574	8284	7792	2887	400	400	Jul 1800 LDT





Right-Suite® Universal 2023 Short Form
Mini Split #3
New Age Dimensions, L.L.C.

Job: Kingdom Culture Acade...
Date: 05/06/2024
By: John PirkI
Plan: Manual N and D

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Project Information

For: Jarvis Heat & Air, LLC
2001 N.E. 31st Avenue, Gainesville, FL 32609
Phone: (352) 316 - 4573

		Htg	Clg			Htg	Clg
Outside db	(°F)	33	91	Inside db	(°F)	70	75
Outside RH	(%)	-	49	Inside RH	(%)	-	50
Outside wb	(°F)	-	76	Inside wb	(°F)	-	63
Daily range	(°F)	-	18	Design TD	(°F)	37	16
Moisture diff.	(gr/lb)	-	44				

Heating Equipment

Cooling Equipment

Make	CARRIER	Make	CARRIER
Model	38MVRAQ12AA1	Model	38MVRAQ12AA1
Type	Split ASHP	Type	Split ASHP
Efficiency	8.7 HSPF2	COP / EER / SEER	17.4
Heating Input		Sensible Cooling	8.4 MBtuh
Heating Output	12.0 MBtuh @ 47°F	Latent Cooling	3.6 MBtuh
Humidifier	4.0 gpd	Total Cooling	12.0 MBtuh
Leaving Air Temp	97.4 °F	Leaving Air Temp	55.0 °F
Actual Heating Fan	400 cfm	Actual Cooling Fan	400 cfm
Equipment Location		Mini Split #3	
System Type		PEAKCV	
Fan Motor Heat Type		PACKAGE	
Fan & Motor Combined Efficiency		0 %	
Static Pressure Across Fan		0 in H2O	

NAME	Area ft²	Heat Loss	Sensible Gain	Latent Gain	Htg cfm	Clg cfm	Time
Classroom #3	548	7492	7857	2709	400	400	Jul 1800 LDT
Mini Split #3	548	7492	7857	2709	400	400	Jul 1800 LDT





Right-Suite® Universal 2023 Short Form
Mini Split #4
New Age Dimensions, L.L.C.

Job: Kingdom Culture Acade...
Date: 05/06/2024
By: John PirkI
Plan: Manual N and D

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Project Information

For: Jarvis Heat & Air, LLC
2001 N.E. 31st Avenue, Gainesville, FL 32609
Phone: (352) 316 - 4573

		Htg	Clg			Htg	Clg
Outside db	(°F)	33	91	Inside db	(°F)	70	75
Outside RH	(%)	-	49	Inside RH	(%)	-	50
Outside wb	(°F)	-	76	Inside wb	(°F)	-	63
Daily range	(°F)	-	18	Design TD	(°F)	37	16
Moisture diff.	(gr/lb)	-	44				

Heating Equipment

Cooling Equipment

Make CARRIER
Model 38MVRAQ12AA1
Type Split ASHP
Efficiency 8.7 HSPF2
Heating Input
Heating Output 12.0 MBtuh @ 47°F
Humidifier 3.9 gpd
Leaving Air Temp 97.4 °F
Actual Heating Fan 400 cfm

Make CARRIER
Model 38MVRAQ12AA1
Type Split ASHP
COP / EER / SEER 17.4
Sensible Cooling 8.4 MBtuh
Latent Cooling 3.6 MBtuh
Total Cooling 12.0 MBtuh
Leaving Air Temp 55.0 °F
Actual Cooling Fan 400 cfm

Equipment Location
System Type
Fan Motor Heat Type
Fan & Motor Combined Efficiency
Static Pressure Across Fan

Mini Split #4
PEAKCV
PACKAGE
0 %
0 in H2O

NAME	Area ft²	Heat Loss	Sensible Gain	Latent Gain	Htg cfm	Clg cfm	Time
Classroom #4	523	5509	6747	2709	400	400	Jul 1800 LDT
Mini Split #4	523	5509	6747	2709	400	400	Jul 1800 LDT





Right-Suite® Universal 2023 Short Form
Mini Split #5
New Age Dimensions, L.L.C.

Job: Kingdom Culture Acade...
Date: 05/06/2024
By: John PirkI
Plan: Manual N and D

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Project Information

For: Jarvis Heat & Air, LLC
2001 N.E. 31st Avenue, Gainesville, FL 32609
Phone: (352) 316 - 4573

		Htg	Clg			Htg	Clg
Outside db	(°F)	33	91	Inside db	(°F)	70	75
Outside RH	(%)	-	49	Inside RH	(%)	-	50
Outside wb	(°F)	-	76	Inside wb	(°F)	-	63
Daily range	(°F)	-	18	Design TD	(°F)	37	16
Moisture diff.	(gr/lb)	-	44				

Heating Equipment

Cooling Equipment

Make	CARRIER	Make	CARRIER
Model	38MVRAQ12AA1	Model	38MVRAQ12AA1
Type	Split ASHP	Type	Split ASHP
Efficiency	8.7 HSPF2	COP / EER / SEER	17.4
Heating Input		Sensible Cooling	8.4 MBtuh
Heating Output	12.0 MBtuh @ 47°F	Latent Cooling	3.6 MBtuh
Humidifier	4.6 gpd	Total Cooling	12.0 MBtuh
Leaving Air Temp	97.4 °F	Leaving Air Temp	55.0 °F
Actual Heating Fan	400 cfm	Actual Cooling Fan	400 cfm
Equipment Location		Mini Split #5	
System Type		PEAKCV	
Fan Motor Heat Type		PACKAGE	
Fan & Motor Combined Efficiency		0 %	
Static Pressure Across Fan		0 in H2O	

NAME	Area ft²	Heat Loss	Sensible Gain	Latent Gain	Htg cfm	Clg cfm	Time
Classroom #5	446	6349	6938	3612	400	400	Jul 1800 LDT
Mini Split #5	446	6349	6938	3612	400	400	Jul 1800 LDT





Right-Suite® Universal 2023 Short Form
Mini Split #6
New Age Dimensions, L.L.C.

Job: Kingdom Culture Acade...
Date: 05/06/2024
By: John PirkI
Plan: Manual N and D

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Project Information

For: Jarvis Heat & Air, LLC
2001 N.E. 31st Avenue, Gainesville, FL 32609
Phone: (352) 316 - 4573

Outside db	(°F)	Htg	Clg
Outside RH	(%)	33	91
Outside wb	(°F)	-	49
Daily range	(°F)	-	76
Moisture diff.	(gr/lb)	-	18
			44

Inside db	(°F)	Htg	Clg
Inside RH	(%)	70	75
Inside wb	(°F)	-	50
Design TD	(°F)	-	63
		37	16

Heating Equipment

Make	CARRIER
Model	38MVRAQ12AA1
Type	Split ASHP
Efficiency	8.7 HSPF2
Heating Input	
Heating Output	12.0 MBtuh @ 47°F
Humidifier	4.5 gpd
Leaving Air Temp	97.4 °F
Actual Heating Fan	400 cfm

Cooling Equipment

Make	CARRIER
Model	38MVRAQ12AA1
Type	Split ASHP
COP / EER / SEER	17.4
Sensible Cooling	8.4 MBtuh
Latent Cooling	3.6 MBtuh
Total Cooling	12.0 MBtuh
Leaving Air Temp	55.0 °F
Actual Cooling Fan	400 cfm

Equipment Location	Mini Split #6
System Type	PEAKCV
Fan Motor Heat Type	PACKAGE
Fan & Motor Combined Efficiency	0 %
Static Pressure Across Fan	0 in H2O

NAME	Area ft²	Heat Loss	Sensible Gain	Latent Gain	Htg cfm	Clg cfm	Time
Classroom #6	563	9863	8594	2887	400	400	Jul 1800 LDT
Mini Split #6	563	9863	8594	2887	400	400	Jul 1800 LDT





Right-Suite® Universal 2023 Short Form

Mini Split #7

New Age Dimensions, L.L.C.

Job: Kingdom Culture Acade...

Date: 05/06/2024

By: John PirkI

Plan: Manual N and D

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Project Information

For: Jarvis Heat & Air, LLC
2001 N.E. 31st Avenue, Gainesville, FL 32609
Phone: (352) 316 - 4573

Outside db	(°F)	Htg	Clg
Outside RH	(%)	33	91
Outside wb	(°F)	-	49
Daily range	(°F)	-	76
Moisture diff.	(gr/lb)	-	18
			44

Inside db	(°F)	Htg	Clg
Inside RH	(%)	70	75
Inside wb	(°F)	-	50
Design TD	(°F)	-	63
		37	16

Heating Equipment

Make	CARRIER
Model	38MVRAQ12AA1
Type	Split ASHP
Efficiency	8.7 HSPF2
Heating Input	
Heating Output	12.0 MBtuh @ 47°F
Humidifier	4.5 gpd
Leaving Air Temp	97.4 °F
Actual Heating Fan	400 cfm

Cooling Equipment

Make	CARRIER
Model	38MVRAQ12AA1
Type	Split ASHP
COP / EER / SEER	17.4
Sensible Cooling	8.4 MBtuh
Latent Cooling	3.6 MBtuh
Total Cooling	12.0 MBtuh
Leaving Air Temp	55.0 °F
Actual Cooling Fan	400 cfm

Equipment Location	Mini Split #7
System Type	PEAKCV
Fan Motor Heat Type	PACKAGE
Fan & Motor Combined Efficiency	0 %
Static Pressure Across Fan	0 in H2O

NAME	Area ft²	Heat Loss	Sensible Gain	Latent Gain	Htg cfm	Clg cfm	Time
Classroom #7	551	8121	7006	2887	400	400	Jul 1800 LDT
Mini Split #7	551	8121	7006	2887	400	400	Jul 1800 LDT





Right-Suite® Universal 2023 Short Form
Mini Split #8
New Age Dimensions, L.L.C.

Job: Kingdom Culture Acade...
Date: 05/06/2024
By: John PirkI
Plan: Manual N and D

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Project Information

For: Jarvis Heat & Air, LLC
2001 N.E. 31st Avenue, Gainesville, FL 32609
Phone: (352) 316 - 4573

Outside db	(°F)	Htg	Clg
Outside RH	(%)	33	91
Outside wb	(°F)	-	49
Daily range	(°F)	-	76
Moisture diff.	(gr/lb)	-	18
			44

Inside db	(°F)	Htg	Clg
Inside RH	(%)	70	75
Inside wb	(°F)	-	50
Design TD	(°F)	-	63
		37	16

Heating Equipment

Make	CARRIER
Model	38MVRAQ12AA1
Type	Split ASHP
Efficiency	8.7 HSPF2
Heating Input	
Heating Output	12.0 MBtuh @ 47°F
Humidifier	4.5 gpd
Leaving Air Temp	97.4 °F
Actual Heating Fan	400 cfm

Cooling Equipment

Make	CARRIER
Model	38MVRAQ12AA1
Type	Split ASHP
COP / EER / SEER	17.4
Sensible Cooling	8.4 MBtuh
Latent Cooling	3.6 MBtuh
Total Cooling	12.0 MBtuh
Leaving Air Temp	55.0 °F
Actual Cooling Fan	400 cfm

Equipment Location	Mini Split #8
System Type	PEAKCV
Fan Motor Heat Type	PACKAGE
Fan & Motor Combined Efficiency	0 %
Static Pressure Across Fan	0 in H2O

NAME	Area ft²	Heat Loss	Sensible Gain	Latent Gain	Htg cfm	Clg cfm	Time
Classroom #8	551	8121	7695	2887	400	400	Jul 1800 LDT
Mini Split #8	551	8121	7695	2887	400	400	Jul 1800 LDT





Right-Suite® Universal 2023 Short Form
Split System
New Age Dimensions, L.L.C.

Job: Kingdom Culture Acade...
Date: 05/06/2024
By: John PirkI
Plan: Manual N and D

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Phone: (352) 316 - 4573

Outside db	(°F)	Htg	Clg
Outside RH	(%)	33	91
Outside wb	(°F)	-	49
Daily range	(°F)	-	76
Moisture diff.	(gr/lb)	-	18
			44

Inside db	(°F)	Htg	Clg
Inside RH	(%)	70	75
Inside wb	(°F)	-	50
Design TD	(°F)	-	63
		37	16

Heating Equipment

Make	Bryant
Model	PH5SAN46000AA0
Type	Split ASHP
Efficiency	7.5 HSPF2
Heating Input	
Heating Output	57.0 MBtuh @ 47°F
Humidifier	17.1 gpd
Leaving Air Temp	96.0 °F
Actual Heating Fan	2000 cfm

Cooling Equipment

Make	Bryant
Model	PH5SAN46000AA0
Type	Split ASHP
COP / EER / SEER	14.3
Sensible Cooling	39.9 MBtuh
Latent Cooling	17.1 MBtuh
Total Cooling	57.0 MBtuh
Leaving Air Temp	55.0 °F
Actual Cooling Fan	2000 cfm

Equipment Location	Split System
System Type	PEAKCV
Fan Motor Heat Type	PACKAGE
Fan & Motor Combined Efficiency	0 %
Static Pressure Across Fan	0 in H2O

NAME	Area ft²	Heat Loss	Sensible Gain	Latent Gain	Htg cfm	Clg cfm	Time
Hall	1091	14708	13852	5580	881	739	Jul 1800 LDT
Strg #2	146	4161	3010	438	325	168	Jul 1800 LDT
Office #3	176	3368	5067	1706	143	263	Jul 1800 LDT
Office #2	232	4076	5833	1806	189	305	Jul 1800 LDT
Office #1	349	6843	7788	2013	410	411	Jul 1800 LDT
Strg #1	157	1738	2287	558	52	114	Jul 1800 LDT
Split System	2151	34894	37837	12101	2000	2000	Jul 1800 LDT

