The Unico System®

Unico System Residential Heat Gain - Heat Loss Estimate Form

1	Name of Room					Entire House			Kitchen			Room 2			Room 3		
2	Running Ft., Exposed Wall																
3	Room Dimensions, ft.						x			x			x			x	
4	Ceiling Ht., ft.	Directions Room Faces															
	Type of Exposure		Const No.	HTM Htg.	HTM Clg.	Area or Length	Btuh Htg.	Btuh Clg.	Area or Length	Btuh Htg	Btuh Clg.	Area or Length	Btuh Htg	Btuh Clg.	Area or Length	Btuh Htg	Btuh Clg.
5	Gross Exposed Walls & Partitions	a															
		b															
		c															
		d															
6	Windows & Glass Doors Htg.	a															
		b															
		c															
		d															
7	Windows & Glass Doors Clg.	North (1 pane)															
		E & W															
		South															
		Stained glass															
		North (2 pane)															
		E & W															
		South															
		South															
8	Other Doors																
9	Net Exposed Walls & Partitions	a															
		b															
		c															
		d															
10	Ceilings	a															
		b															
11	Floors	a															
		b															
12	Infiltration HTM																
13	Sub Total Btuh Loss																
14	Duct Btuh Loss, %			12													
15	Total Btuh Loss																
16	People # 300 & Appliances 1200										2000						
17	Sensible Btuh Gain																
18	Duct Btuh Gain, %				8												
19	Total Sensible Gain																
20	Total Latent Gain = (19) x 0.3																
21	Total Heat Gain/Loss, btuh																
22	Min. No. of Outlets																

1	Name of Room					Room 4			Room 5			Room 6			Room 7		
2	Running Ft., Exposed Wall																
3	Room Dimensions, ft.						x			x			x			x	
4	Ceiling Ht., ft.	Directions Room Faces															
	Type of Exposure		Const No.	HTM Htg.	HTM Clg.	Area or Length	Btuh Htg.	Btuh Clg.	Area or Length	Btuh Htg.	Btuh Clg.	Area or Length	Btuh Htg	Btuh Clg.	Area or Length	Btuh Htg	Btuh Clg.
5	Gross Exposed Walls & Partitions	a															
		b															
		c															
		d															
6	Windows & Glass Doors Htg.	a															
		b															
		c															
		d															
7	Windows & Glass Doors Clg.	North (1 pane)															
		E & W															
		South															
		Stained glass															
		North (2 pane)															
		E & W															
		South															
		South															
8	Other Doors																
9	Net Exposed Walls & Partitions	a															
		b															
		c															
		d															
10	Ceilings	a															
		b															
11	Floors	a															
		b															
12	Infiltration HTM																
13	Sub Total Btuh Loss																
14	Duct Btuh Loss, %			12													
15	Total Btuh Loss																
16	People # 300 & Appliances 1200																
17	Sensible Btuh Gain																
18	Duct Btuh Gain, %				8												
19	Total Sensible Gain																
20	Total Latent Gain = (19) x 0.3																
21	Total Heat Gain/Loss, btuh																
22	Min. No. of Outlets																

1	Name of Room					Room 8			Room 9			Room 10			Room 11		
2	Running Ft., Exposed Wall																
3	Room Dimensions, ft.						x			x			x			x	
4	Ceiling Ht., ft.	Directions Room Faces															
	Type of Exposure		Const No.	HTM Htg.	HTM Clg.	Area or Length	Btuh Htg.	Btuh Clg.	Area or Length	Btuh Htg.	Btuh Clg.	Area or Length	Btuh Htg	Btuh Clg.	Area or Length	Btuh Htg	Btuh Clg.
5	Gross Exposed Walls & Partitions	a															
		b															
		c															
		d															
6	Windows & Glass Doors Htg.	a															
		b															
		c															
		d															
7	Windows & Glass Doors Clg.	North (1 pane)															
		E & W															
		South															
		Stained glass															
		North (2 pane)															
		E & W															
		South															
		South															
8	Other Doors																
9	Net Exposed Walls & Partitions	a															
		b															
		c															
		d															
10	Ceilings	a															
		b															
11	Floors	a															
		b															
12	Infiltration HTM																
13	Sub Total Btuh Loss																
14	Duct Btuh Loss, %			12													
15	Total Btuh Loss																
16	People # 300 & Appliances 1200																
17	Sensible Btuh Gain																
18	Duct Btuh Gain, %				8												
19	Total Sensible Gain																
20	Total Latent Gain = (19) x 0.3																
21	Total Heat Gain/Loss, btuh																
22	Min. No. of Outlets																

1	Name of Room					Room 12			Room 13			Room 14			Room 15		
2	Running Ft., Exposed Wall																
3	Room Dimensions, ft.						x			x			x			x	
4	Ceiling Ht., ft.	Directions Room Faces															
	Type of Exposure		Const No.	HTM Htg.	HTM Clg.	Area or Length	Btuh Htg	Btuh Clg.	Area or Length	Btuh Htg.	Btuh Clg.	Area or Length	Btuh Htg.	Btuh Clg.	Area or Length	Btuh Htg	Btuh Clg.
5	Gross Exposed Walls & Partitions	a															
		b															
		c															
		d															
6	Windows & Glass Doors Htg.	a															
		b															
		c															
		d															
7	Windows & Glass Doors Clg.	North (1 pane)															
		E & W															
		South															
		Stained glass															
		North (2 pane)															
		E & W															
		South															
		South															
8	Other Doors																
9	Net Exposed Walls & Partitions	a															
		b															
		c															
		d															
10	Ceilings	a															
		b															
11	Floors	a															
		b															
12	Infiltration HTM																
13	Sub Total Btuh Loss																
14	Duct Btuh Loss, %			12													
15	Total Btuh Loss																
16	People # 300 & Appliances 1200																
17	Sensible Btuh Gain																
18	Duct Btuh Gain, %				8												
19	Total Sensible Gain																
20	Total Latent Gain = (19) x 0.3																
21	Total Heat Gain/Loss, btuh																
22	Min. No. of Outlets																

© Copyright 1999 Unico, Inc.