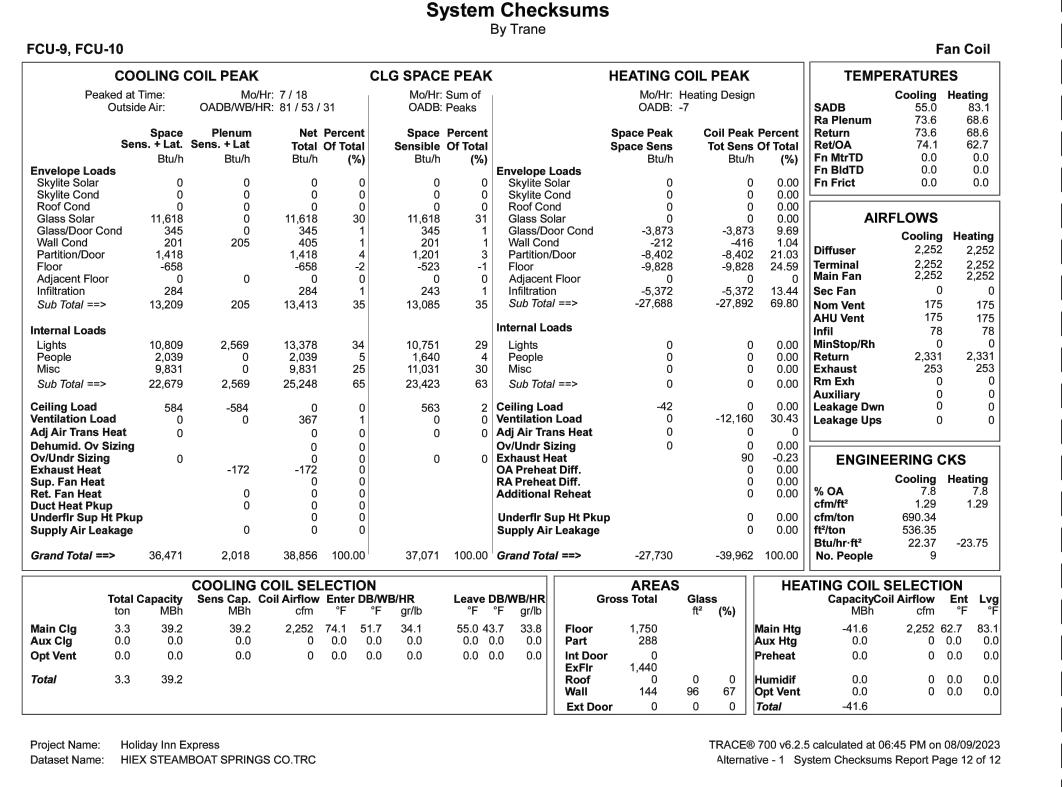


System Checksu By Trane	ms	System Checksum By Trane	<b>S</b>	By Trane					
U-2-1	Fan Coil	AHU-3-1	Fan Coil	AHU-4-1	Fan Co				
COOLING COIL PEAK CLG SPACE PEAK	HEATING COIL PEAK TEMPERATURES	COOLING COIL PEAK CLG SPACE PEAK	HEATING COIL PEAK TEMPERATURES	COOLING COIL PEAK CLG SPACE PEAK	HEATING COIL PEAK TEMPERATURES				
Peaked at Time: Outside Air:     Mo/Hr: 7 / 18 OADB/WB/HR: 81 / 53 / 31     Mo/Hr: Sum of OADB: Peaks       Space Sens. + Lat.     Plenum Sens. + Lat.     Net Percent Total Of Total Btu/h     Space Percent Sensible Of Total Btu/h     Space Percent Sensible Of Total Btu/h     Space Percent Sensible Of Total Btu/h     Envelope Loads       velope Loads     0	Mo/Hr: Heating Design OADB: -7   Cooling   Heating S3DB     Space Peak Space Sens   Coil Peak Percent Tot Sens Of Total Btu/h   SADB   55.7   83.7 Ra Plenum   73.7   68.2 Ret/OA     0   0   0.000   0   0.00   0.000   0   0.000     0   0   0.000   0   0.00   0.000   0   0.00     0   0   0.000   0   0.000   0   0.000     0   0   0.000   0   0.000   0   0.000     -11,352   -11,352   21.96   -9.828   19.01   Diffuser   2.780     -9.828   -9.828   19.01   Terminal   2.780   2.780     Moi -6.674   -6.974   13.49   Sec Fan   0   0     0   0   0.000   0   Non Vent   173   187     AHU Vent   173   187   AHU Vent   2.837   2.881     Exhaust   231   288   Rm Exh   0   0     0   0   0.000   0   0   0   0	Peaked at Time: Outside Air:     Mo/Hr: 7 / 18 OADB/WB/HR: 81 / 53 / 31     Mo/Hr: Sum of OADE: Peaks       Space Sens. + Lat. Sens. + Lat. Skylite Cond     Percent Sens. + Lat. Btu/n     Net Percent Total Of Total Btu/n     Space Percent Sensible Of Total Btu/n     Percent Sensible Of Total Btu/n     Envelope Loads       Skylite Cond     0 <t< th=""><th>Mo/Hr: Heating Design OADB: -7   Cooling Heating SADB   Heating 55.0   84.0 84.0     Space Peak Space Peak But/h   Coil Peak Percent Tot Sens Of Total Btu/h   Cooling Heating Cooling Heating   Sadb Ra Plenum   55.0   84.0     O   O   O   Cooling Heating   Sadb Ra Plenum   Heating Raturn   Sadb Ra Plenum   Sadb Ra Plenum   Sadb Ra Plenum   Sadb Ra Plenum   Sadb Ra Plenum   Sadb Ra Plenum   Heating Raturn   Sadb Ra Plenum   Sadb Raturn   Sadb Ratur</th><th>Peaked at Time: Outside Air:     Mo/Hr: 7 / 18 OADB/WB/HR: 81 / 53 / 31     Mo/Hr: Sum of OADB: Peaks       Space Bens. + Lat     Space Sens. + Lat     Penent Sens. + Lat     Net Sens. + Lat     Percent Sens. + Lat     Space Sens. + Lat     Space Sens     Space Sens. + Lat     <ths< th=""><th>Mo/Hr:     Heating Design OADB:     Cooling Space Peak     Coil Peak Percent Space Sens     SADB     55.0     84       Space Peak     Coil Peak Percent Space Sens     Tot Sens Of Total Btu/h     Keturn     73.6     66       Loads     0     0     0.00     74.1     66       Loads     0     0     0.00     74.1     66       Cooling     0     0     0.00     74.1     66       Cooling     0     0.00     74.1     66       Cooling     0     0.00     74.1     66       Cooling     -756     -1,060     2.18     74.1     66       Door     -11,352     23.31     75.01     2.521     2.       Imin Fan     2,521     2.     74.14.32     75.67     73.69       Main Fan     2,521     2.     74.17     73.68     73.69       Main Fan     2,527     2.     74.17     73.68       Main Fan     2,527     2.     74.17     74.17       Main Fan</th></ths<></th></t<>	Mo/Hr: Heating Design OADB: -7   Cooling Heating SADB   Heating 55.0   84.0 84.0     Space Peak Space Peak But/h   Coil Peak Percent Tot Sens Of Total Btu/h   Cooling Heating Cooling Heating   Sadb Ra Plenum   55.0   84.0     O   O   O   Cooling Heating   Sadb Ra Plenum   Heating Raturn   Sadb Ra Plenum   Sadb Ra Plenum   Sadb Ra Plenum   Sadb Ra Plenum   Sadb Ra Plenum   Sadb Ra Plenum   Heating Raturn   Sadb Ra Plenum   Sadb Raturn   Sadb Ratur	Peaked at Time: Outside Air:     Mo/Hr: 7 / 18 OADB/WB/HR: 81 / 53 / 31     Mo/Hr: Sum of OADB: Peaks       Space Bens. + Lat     Space Sens. + Lat     Penent Sens. + Lat     Net Sens. + Lat     Percent Sens. + Lat     Space Sens. + Lat     Space Sens     Space Sens. + Lat <ths< th=""><th>Mo/Hr:     Heating Design OADB:     Cooling Space Peak     Coil Peak Percent Space Sens     SADB     55.0     84       Space Peak     Coil Peak Percent Space Sens     Tot Sens Of Total Btu/h     Keturn     73.6     66       Loads     0     0     0.00     74.1     66       Loads     0     0     0.00     74.1     66       Cooling     0     0     0.00     74.1     66       Cooling     0     0.00     74.1     66       Cooling     0     0.00     74.1     66       Cooling     -756     -1,060     2.18     74.1     66       Door     -11,352     23.31     75.01     2.521     2.       Imin Fan     2,521     2.     74.14.32     75.67     73.69       Main Fan     2,521     2.     74.17     73.68     73.69       Main Fan     2,527     2.     74.17     73.68       Main Fan     2,527     2.     74.17     74.17       Main Fan</th></ths<>	Mo/Hr:     Heating Design OADB:     Cooling Space Peak     Coil Peak Percent Space Sens     SADB     55.0     84       Space Peak     Coil Peak Percent Space Sens     Tot Sens Of Total Btu/h     Keturn     73.6     66       Loads     0     0     0.00     74.1     66       Loads     0     0     0.00     74.1     66       Cooling     0     0     0.00     74.1     66       Cooling     0     0.00     74.1     66       Cooling     0     0.00     74.1     66       Cooling     -756     -1,060     2.18     74.1     66       Door     -11,352     23.31     75.01     2.521     2.       Imin Fan     2,521     2.     74.14.32     75.67     73.69       Main Fan     2,521     2.     74.17     73.68     73.69       Main Fan     2,527     2.     74.17     73.68       Main Fan     2,527     2.     74.17     74.17       Main Fan				
al 3.8 45.6 Exi Wa	t 384 Aux Htg 0.0 0 0.0   Door 0 Preheat 0.0 0 0.0   Ir 1,440   of 0 0 0   Image: Her 0.0 0 0.0 0.0	Main Clg     3.6     42.6     42.6     2,521     74.1     55.4     50.2     55.0     48.1     50.2     Floor     Part       Total     3.6     42.6     42.6     2,521     74.1     55.4     50.2     55.0     48.1     50.2     Floor     Part       Aux Clg     0.0     ExFir     Roof	1,440     Humidif     0.0     0     0.0	Main Clg     3.6     42.6     42.6     2,521     74.1     55.4     50.2     55.0     48.1     50.2     0.0	AREAS     HEATING COIL SELECTION       Gross Total     Glass       ft²     (%)       Floor     2,028       Part     384       Int Door     0       ExFlr     1,440       Roof     0     0       Wall     216     90     42       Ext Door     0     0     0       Total     -48.5     -48.5				



AHU-4-1														F	an Coil
COOLING COIL PEAK CLG SPACE					E PEAK	PEAK HEATING COIL PEAK						TEMPERATURES			
Peaked at Time: Outside Air:		Mo/H OADB/WB/HI	r: 7 / 18 R: 81 / 53 / 31				: Sum of : Peaks			Mo/Hr: Heating Design OADB: -7		SADB	Cooling 55.0	84.0	
Envelope Loads	Space Sens. + Lat. Btu/h	Plenum Sens. + Lat Btu/h		Percen Of Tota (%	Ĩ	Space Sensible Btu/h	Percent Of Total (%)	Envolope	anda	Space Peak Space Sens Btu/h		k Percent s Of Total h (%)	Ra Plenum Return Ret/OA Fn MtrTD Fn BldTD	73.6 73.6 74.1 0.0 0.0	68.5 68.5 62.9 0.0 0.0
Skylite Solar Skylite Cond Roof Cond	0 0 0	0 0 0	0 0 0	(		0 0 0	0 0 0	Envelope I Skylite S Skylite C Roof Cor	olar ond	0 0		0 0.00 0 0.00 0 0.00	Fn Frict	0.0	0.0
Glass Solar Glass/Door Cond Wall Cond Partition/Door Floor	7,738 848 475 1,779 -658	0 0 184	7,738 848 659 1,779 -658	1:	9 2 2 4 2	7,738 848 475 1,599 -658	19 2 1 4 -2	Glass So Glass/Do Wall Cor Partition/ Floor	olar oor Cond d /Door	0 -6,664 -756 -11,352 -9,828	-6,66 -1,06 -11,35 -9,82	0 0.00 4 13.69 0 2.18 2 23.31 8 20.18	Diffuser Terminal	RFLOWS Cooling 2,521 2,521	2,521 2,521
Adjacent Floor Infiltration Sub Total ==>	0 -313 9,869	0 184	0 -313 10,053			0 262 10,264	0 1 26	Adjacent Infiltratio Sub Tota	n / ==>	0 -6,974 -35,574	-6,97 -35,87		Main Fan Sec Fan Nom Vent AHU Vent	2,521 0 173 173	0
Internal Loads	40 500	0.007	40.000			40.005	05	Internal Lo	ads	0			Infil	58 0	101
Lights People Misc	13,536 2,396 12,572	3,287 0 0	16,823 2,396 12,572	4' ( 3' 7	6 1	13,995 1,775 12,912	35 4 33 72	Lights People Misc	1>	0 0 0		0 0.00 0 0.00 0 0.00 0 0.00	MinStop/Rh Return Exhaust Rm Exh	2,578 231 0	2,622 288
Sub Total ==>	28,503	3,287	31,790		-	28,682	. –	Sub Tota		-65		0 0.00 0 0.00	Auxiliary	0	0
Ceiling Load Ventilation Load Adj Air Trans Hea		-749 0	0 -1,028 0	-:	0 3 0	747 0 0	2 0 0	Ceiling Loa Ventilation Adj Air Tra	Load	-03 0 0	-12,89	7 26.49 0 0	Leakage Dwr Leakage Ups		0
Dehumid. Ov Sizi Ov/Undr Sizing Exhaust Heat	n <b>g</b> 0	-245	0 0 -245 0	-	0 0 1 0	0	0	Ov/Undr S Exhaust H OA Prehea	eat It Diff.	0	8	0 0.00 4 -0.17 0 0.00 0 0.00	ENGIN	EERING ( Cooling	
Sup. Fan Heat Ret. Fan Heat Duct Heat Pkup Underfir Sup Ht P	kun	0 0	000000000000000000000000000000000000000	(				RA Prehea Additional Underfir S	Reheat	<b>.</b>		0 0.00 0 0.00 0 0.00	% OA cfm/ft² cfm/ton	7.4 1.24 710.01	7.4 1.24
Supply Air Leaka		0	Ő		Ď			Supply Air		•		0.00	ft²/ton Btu/hr·ft²	571.27 21.01	22.00
Grand Total ==>	39,122	2,476	40,570	100.0	0	39,693	100.00	Grand Tota	a/ ==>	-35,639	-48,69	1 100.00	No. People	21.01	-23.90
<b>To</b> to	al Capacity n MBh	COOLING C Sens Cap. C MBh				<b>3/HR</b> gr/lb	Leave I °F	<b>DB/WB/HR</b> °F gr/lb	G	AREAS ross Total	Glass ft² (%)	HE	ATING COIL CapacityC MBh	SELECTI oil Airflow cfm	
Main Clg3Aux Clg0Opt Vent0	0 0.0	42.6 0.0 0.0	2,521 0 0	74.1 0.0 0.0	55.4 0.0 0.0	50.2 0.0 0.0	55.0 48 0.0 ( 0.0 (	0.0 0.0	Floor Part Int Door	2,028 384 · 0		Main Htg Aux Htg Preheat	-48.5 0.0 0.0		62.9 84.0 0.0 0.0 0.0 0.0
Total 3			_	-	-	-			ExFlr Roof Wall	1,440 0 216	0 0 90 42	Humidif Opt Vent	0.0 0.0	0	0.0 0.0 0.0 0.0

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