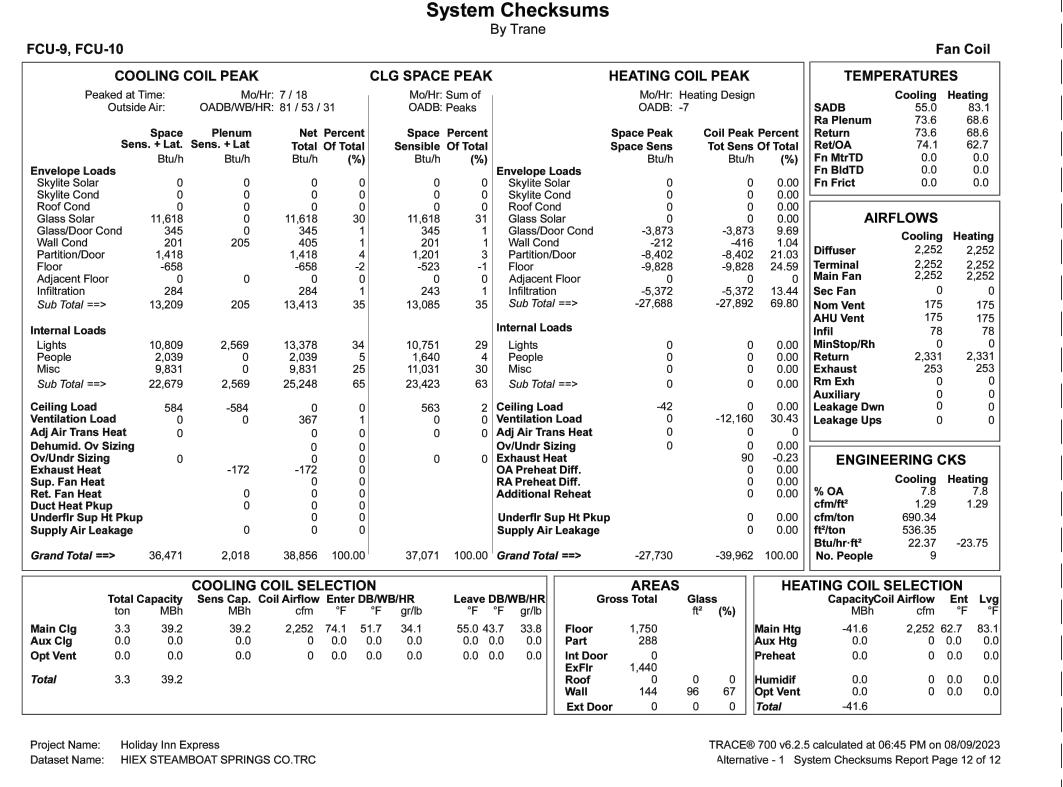


System Checksu By Trane	ms	System Checksum By Trane	S	By Trane					
U-2-1	Fan Coil	AHU-3-1	Fan Coil	AHU-4-1	Fan Co				
COOLING COIL PEAK CLG SPACE PEAK	HEATING COIL PEAK TEMPERATURES	COOLING COIL PEAK CLG SPACE PEAK	HEATING COIL PEAK TEMPERATURES	COOLING COIL PEAK CLG SPACE PEAK	HEATING COIL PEAK TEMPERATURES				
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 g 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	.		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
To to	al Capacity n MBh	COOLING C Sens Cap. C MBh				3/HR gr/lb	Leave I °F	DB/WB/HR °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

