

EQUIPMENT NO.		C-HRV-01			
System		Ventilation			
Location		Roof			
Service		Ventilation			
Airflow Rate	cfm	L/s	4,000	1,888	
Width	In	mm	--	--	
Height	In	mm	--	--	
Area	ft2	m2	--	--	
Face velocity	fpm	m/s	494	2.5	
		Supply			
		Summer		Winter	
Units		°F	°C	°F	°C
Entering Air Temperature (db)		86.0	30.0	-31.0	-35.0
Entering Air Temperature (wb)		73.0	22.8	-31.0	-35.0
Leaving Air Temperature (db)		77.9	25.5	64.2	17.9
Leaving Air Temperature (wb)		67.7	19.8	46.4	8.0
		Exhaust			
		Summer		Winter	
Units		°F	°C	°F	°C
Entering Air Temperature (db)		75.0	23.9	72.0	22.2
Entering Air Temperature (wb)		62.6	17.0	54.0	12.2
Leaving Air Temperature (db)		--	--	--	--
Leaving Air Temperature (wb)		--	--	--	--
Heat Recovery Effectiveness					
Sensible		%	73.2	92.4	
Latent		%	45.6	46.4	
MINIMUM CAPACITY					
		Supply			
		Summer		Winter	
Units		MBH	kW	MBH	kW
Total		83.9	24.6	463.6	135.8
Sensible		34.8	10.2	411.2	120.5
Latent		49.1	14.4	52.5	15.4
Air Pressure Drop	In H2O	Pa	1.04	258.6	1.40 348.2
Make	TEMPEFF				
Model	RG-L 3000				
Remarks					

