	Tectine /	denov.	Evovo			Model Number:	N/A	9-11)
Testing Agency: System Integrator:		-			woder number:	N/A		
	•	Ü	29 Howde	en Road	_		-	
			Toronto,	ON		Nameplate Information:	120 Volts	N/A Amps
Date First Issued: Date Reissued: April 17, 2019 April 17, 2019					Nominal Burner Input:	43.9 kW	150,000 Btu/hr	
					Fuel Type:	Fuel Type: Nat. Gas / Propane / Oil		
	Ra	tionale:	To includ	e missing info				
					PERFORMANO	E RATING		
					ormance Factor (TPF) cal Consumption (AE)	0.96 2,323 kWh/y		
				Fı	ınction-Based Perf	ormance Ratings		
Efficien	cy Ratings					Maximum Capacity Ratin	gs and Related Informati	on
Composite Space Heating Efficiency (CSHE)				ncy (CSHE)	95 (%)	Space heating (all ratings	below are at a PLF of 1)	
Water Heating Performance Factor (WHPF)				tor (WHPF)	0.96	Capacity	37,355 Btu/hr	10.9 kW
Recovery Efficiency					97 (%)	Airflow	742 SCFM	350 L/s
Thermal standby loss - Circ fan off			ff see	e comments W	ESP (Return)	0.6 " w.c.	150 Pa	
Thermal standby loss - Circ fan on			n see	e comments W	ESP (Supply)	0.6 " w.c.	150 Pa	
						Return air temperature		22.3 °C
Space Heating Part Load Effi						Air temperature rise		25.9 °C
Part Load Factor		Net Ff	ficiency	Average	Circulating Blower	Entering water temperatu		62.5 °C
	(PLF)		,	Electricity Use	Electicity Use*	Water flow rate	3.2 USGPM	12.0 L/min
@ PLF			2 (%)	457 W	348 W			
			7 (%) 450 W		348 W	DHW One-Hour Delivery Rating (OHR)		_
@ PLF 0.15 94 (%) 199 * measured when circulation blower running			199 W	348 W	OHR - no call for space h	•	1,116 L	
	* measured wh	en circul	ation blowe	er running		OHR - concurrent call for	r space heating	1,094 L
	rent Space & D					Additional Electrical Rati	ings	
Water draws at 49 ±3°C with & without concurrent call fo						Standby power (P(circ))		102 W
				Time within	±3°C tolerance	Standby power (P(cont))		13 W
(L/min)	(m	inutes)		(m	inutes)	Daily electricity use for wat	er heating (E _{24h-SUT})	0.18 kWh
	with	wit	nout	with	without	Annual electricity use for w	ater heating (AE _{DHW})	66 kWh
	heating call		ng call	heating call	heating call			
3	1.2		.2	indefinite	indefinite			
15	0.4	0	.4	indefinite	indefinite			
				Description	n of Major Compon	ents of Packaged Comb	0	
Packag	ed System Cor	nponent	s					
Heat Ge	nerator (HG) m	ake, mo	<mark>del:</mark>	Na Na	vien, NPE 180A			
Air Handler (AH) make, model: iFLOW, iFH					OW, iFH-1436P0 (Als	o applies to iFLH140000, iFLH	<mark>H14000W, iFLH14000D</mark>)	
Circulati	ng blower moto	r make, ı	nodel, size	, type: Ge	nteq, 5SBA39GL, 1/2 H	P, Eon ECM		
Circulator make / model and location: Navie					vien, integral to heat ger	nerator		
Addition	al controls exte	rnal to H	G and AH:	No	ne			
A t a	.i	Ji., a4i.a.a.,		vetove vehile ener	hasting (V/NI)	V		
Automa			•	erature while space	3 ()	Y NRD 000001		
	Related type, r	nake and	i modei nur	nber: Na	vien 'ComfortAir+' kit, P	NBD 000001		
Intercon	nect piping (len	gth, nom	.dia., insula	ation): 10	ft. equivalent length, 3/4	" (nominal) PEX, R4 insulation		
Other:				Th	ermostatic mixing valve	c/w check valves, Honeywell AM	1101-US-1, set to 120°F (49	9°C) for DHW
						or - included in 'ComfortAir+' kit		
					IW flow switch - included			
					Indudet			
_	ency Commen							
Nater heater temperature set to 120°F (49°C) for DHW tests						Filter use during testing	Yes	x No
Water heater temperature programmed to145°F (63°C) for space heating (PLF=1).						Filter rating		MERV
Pump exercise sequence: 0.5 minutes every 24-hrs								
-	· ·			-		Segregated DHW System	n Yes	x No
Pump exercise sequence does not initiate burner operation Circulating blower has a 60 second ramp to 'On' delay						Water Circulation	x Yes	No No
Circulating blower has a 60 second ramp to 'On' delay Circulating blower has a 120 second 'Off' delay						vvator Orrouation		INU
	-			=		DINA ST. II	 .,	
All contr				erwise specified		DHW Priority	x Yes	No
No stora	ige tank - therm	al standl	by test not	required			Reference Re	