	СОМ	BO P	ERFO	RMANCE S	SPECIFICA	TION S	SUMMARY (Ref. C	SA Standard P.9	9-11)	
Testing Agency:							Model Number:	N/A		
	System Inte	egrator:	iFLOW F			_		-		
			29 Howd Toronto,			_	Namonlata Information	120 Volts	N/A Amps	
M1R:			M1R 3C7				Nameplate Information: 120 Volts N/A Amps Nominal Burner Input: 43.9 kW 150,000 Btu/hr			
			-	May 4, 2016			Fuel Type: Nat. Gas Nat. Gas / Propane / Oil			
Date Reissued: April 17, 2019					_	1 401 1 7 700.	Hat. Cab	ao / 1 Topano / On		
		tionale:		le missing info		_				
PERFORMANCE RATING										
					formance Factor		0.91 833 kWh/y			
					·		mance Ratings			
Efficien	cy Ratings							as and Polated Information	on.	
Elliciell		nace He	ating Efficiency (CSHE) 90 (%)			0 (%)	Maximum Capacity Ratings and Related Information Space heating (all ratings below are at a PLF of 1)			
				ance Factor (WHPF) 0.96			Capacity	21,417 Btu/hr	6.3 kW	
	Recovery Efficiency			<del></del>		7 (%)	Airflow	588 SCFM	277 L/s	
	Thermal standby loss			- Circ fan off see		W	ESP (Return)	0.6 " w.c.	150 Pa	
	Thermal stan	dby loss	- Circ fan d	on se	ee comments	W	ESP (Supply)	0.9 " w.c.	225 Pa	
							Return air temperature		22.0 °C	
Space Heating Part Load Efficiency I			iency Rat				Air temperature rise		18.8 °C	
	(PLF)		fficiency	Average	Circulating E		Entering water temperatu		49.3 °C	
			,	Electricity Use			Water flow rate	3.0 USGPM	11.4 L/min	
			8 (%) 436 W		_	6 W	DIIM One Heur Delice - Delice (OUD)			
			2 (%) 137 W 2 (%) 62 W			33 W 30 W	DHW One-Hour Delivery Rating (OHR) OHR - no call for space heating		1.116 L	
@ I LI	* measured wh	. ,		100 11		OHR - concurrent call for	•	1,094 L		
									,	
Concurrent Space & DHW Test Results							Additional Electrical Ratio	ngs	400 W	
Water draws at 49 ±3°C with & without concurred Flow Time to reach temperature					eat in ±3°C tolerance		Standby power (P(circ)) 102 W Standby power (P(cont)) 13 W			
(L/min)					(minutes)		Daily electricity use for water heating (E <sub>24h-SUT</sub> )		0.18 kWh	
(L/111111)	with		hout	with	without		Annual electricity use for war		66 kWh	
	heating call		ng call	heating call	heating call		Annual electricity use for w	ater fleating (ALDHW)	OO KWII	
3	1.2		1.2	indefinite	indefinite					
15	0.4	(	).4	indefinite	indefinite					
				Deceriatio	n of Major C		oto of Booksand Comb	•		
Package	ed System Cor	mponen	ts	Description	on or wajor Co	omponen	nts of Packaged Combo	<u> </u>		
Heat Generator (HG) make, model:  Navien, NPE 180A										
						iFLOW, iFH-1420P0 (Also applies to iFLH140000, iFLH14000W, iFLH14000D)				
			model size		Genteq, 5SBA39GL, 1/2 HP, Eon ECM					
Circulating blower motor make, model, size, type: Genteq, 5SBA39GL, 1/2 Circulator make / model and location: Navien, integral to heat										
	al controls exte				one	Tical genera	ator			
Addition	ai controls exte	mai to m	O and Am.	14	one					
Automat	ic means for ac	djusting v	vater temp	erature while spa	ce heating (Y/N):		Υ			
	Related type, r				avien 'ComfortAil	r <sup>+</sup> ′ kit, PNB	3D 000001			
	-									
	Interconnect piping (length, nom.dia., insulation): 10 ft. equivalent length, 3/4" (nominal) PEX, R4 insulation									
Other:							check valves, Honeywell AM	101-US-1, set to 120°F (49	9°C) for DHW	
	Outdoor temperature sensor - included in 'ComfortAir+' kit									
				D	HW flow switch -	included in	'ComfortAir+' kit			
Test An	ency Commen	ıts:								
_	Water heater temperature set to 120°F (49°C) for DHW tests						Filter use during testing	Yes	x No	
	· ·			120°F (49°C) for s		F=1)	Filter rating		MERV	
	•			, ,	space neading (FI	i mor raung		WILIV		
Pump exercise sequence: 0.5 minutes every 24-hrs							Commented DUM O	. V	,, Al-	
Pump exercise sequence does not initiate burner operation							Segregated DHW System		x No	
Circulating blower has a 60 second ramp to 'On' delay							Water Circulation	x Yes	No	
	ng blower has a			-						
All controls set to factory default unless otherwise specified DHW Priority x Yes No										
	ige tank - therm	nal stand	by test not	required				ls / =		
	Conversions: 249 Pascals = 1" of Water						1 USG = 3.785 L Reference Report: 16-06-M0105-1-Rv1			