	COME	80 P	ERFO	RMANCE	SPECIFI	CATION	SUMMARY (Ref. C	SA Standard P.9	-11)	
Testing Agency: Exova							Model Number:	N/A		
_			iFLOW HVAC Inc.							
			29 Howden Road							
			Toronto,				Nameplate Information:	120 Volts	N/A Amps	
M1R 3C7 Date First Issued: May 31, 2016							Nominal Burner Input:	58.5 kW	199,900 Btu/hr	
							Fuel Type:	Nat. Gas Nat. Ga	as / Propane / Oil	
Date Reissued: April 17, 2019										
	Ratio	onale:	To includ	de missing info						
					PERI	FORMANCI	E RATING			
					erformance Factor (TPF) trical Consumption (AE)		0.92 2,957 kWh/y			
					Function-E	Based Perfo	ormance Ratings			
Efficien	cy Ratings						Maximum Capacity Rating	gs and Related Information	on	
Composite Space Heating Efficiency (CSHE)				ency (CSHE)	92 (%)		Space heating (all ratings below are at a PLF of 1)			
Water Heating Performance Factor (WHPF)				0.95		Capacity	60,996 Btu/hr	17.9 kW		
Recovery Efficiency						96 (%)	Airflow	995 SCFM	469 L/s	
Thermal standby loss - Circ fan off				off	see comments	s W	ESP (Return)	0.6 "w.c.	150 Pa	
	Thermal stands	oy loss -	- Circ fan	on	see comments	s W	ESP (Supply)	0.6 "w.c.	150 Pa	
							Return air temperature		21.9 °C	
	leating Part Loa	d Effic	iency Rat				Air temperature rise		31.5 °C	
Part Load Factor Net Efficiency			Average Circulating Blower			Entering water temperatu		73.4 °C		
(PLF)		<sup>2</sup> Electricity U:			city Use*	Water flow rate	2.8 USGPM	10.7 L/min		
_	_		6 (%) 621			480 W				
_		4 (%) 611				DHW One-Hour Delivery R	- · ·			
@ PLF 0.15 90 (%) 228  * measured when circulation blower running			W	350 W	OHR - no call for space h	1,444 L				
	* measured whe	n circul	ation blow	er running			OHR - concurrent call for	space heating	1,459 L	
	rent Space & DF						Additional Electrical Ratio	ngs		
Water draws at 49 ±3°C with & without concurrent call for					r heat		Standby power (P(circ)) 66 W Standby power (P(cont)) 13 W			
Flow Time to reach temperature Time w			Time wit	vithin ±3°C tolerance						
(L/min)	` ' '				(minutes)		Daily electricity use for water	Daily electricity use for water heating (E <sub>24h-SUT</sub> ) 0.19 kWh		
	with	with	hout	with	witho	out	Annual electricity use for wa	ater heating (AE <sub>DHW</sub> )	68 kWh	
	heating call		ng call	heating call	heating					
3	0.8	0.8		indefinite	indefi					
15	0.3	0	1.3	indefinite	indefi	nite				
				Descripti	ion of Majo	r Compone	ents of Packaged Combo	0		
Packaged System Components										
Heat Generator (HG) make, model:					Navien, NPE 240A					
Air Handler (AH) make, model:					iFLOW, iFL-1660P0 (also applies to iFLH-160000, iFLH-16000W, iFLH-16000D)					
Circulating blower motor make, model, size, type:  Circulator make / model and location:					Genteq, 5SBA39GL, 1/2 HP, Eon ECM					
					Navien, integral to heat generator					
Addition	al controls extern	ial to H	G and AH:		None					
Automa	tic means for adju	ustina w	ater temp	erature while spa	ace heating (Y	/N):	Υ			
	Related type, ma			•	•	ortAir + ′ kit, PN	IBD 000001			
Interconnect piping (length, nom.dia., insulation): 20 ft. equivalent length, 3/4" (							, ,	404 110 4	20) ( 5: "	
Other:							w check valves, Honeywell AM	101-05-1, set to 120°F (49°	(C) for DHW	
					•		- included in 'ComfortAir' kit in 'ComfortAir' kit			
						ion moidued l	Johnson Kit			
Test Ag	ency Comments	s:								
Water h	Water heater temperature set to 120°F (49°C) for DHW tests						Filter use during testing	Yes	x No	
Water h	eater temperature	e progra	ammed to	165°F (74°C) fo	r space heatin	g (PLF=1).	Filter rating		MERV	
Pump e	xercise sequence	e: 0.5 m	inutes eve	ry 24-hrs						
· ·	xercise sequence			•	1		Segregated DHW System	Yes	x No	
	·			•			Water Circulation	x Yes	No	
Circulati	ing blower has a	120 sec	cond 'Off' o	delay						
All controls set to factory default unless otherwise specifie					d		DHW Priority	x Yes	No	
	age tank - therma			•				<del></del>		
Convers				•			I	Reference Re	port:	
249 Pascals = 1" of Water					1 L/s = 2.12 SCFM		1 USG = 3.785 L 16-06-M0145-Rv1			