

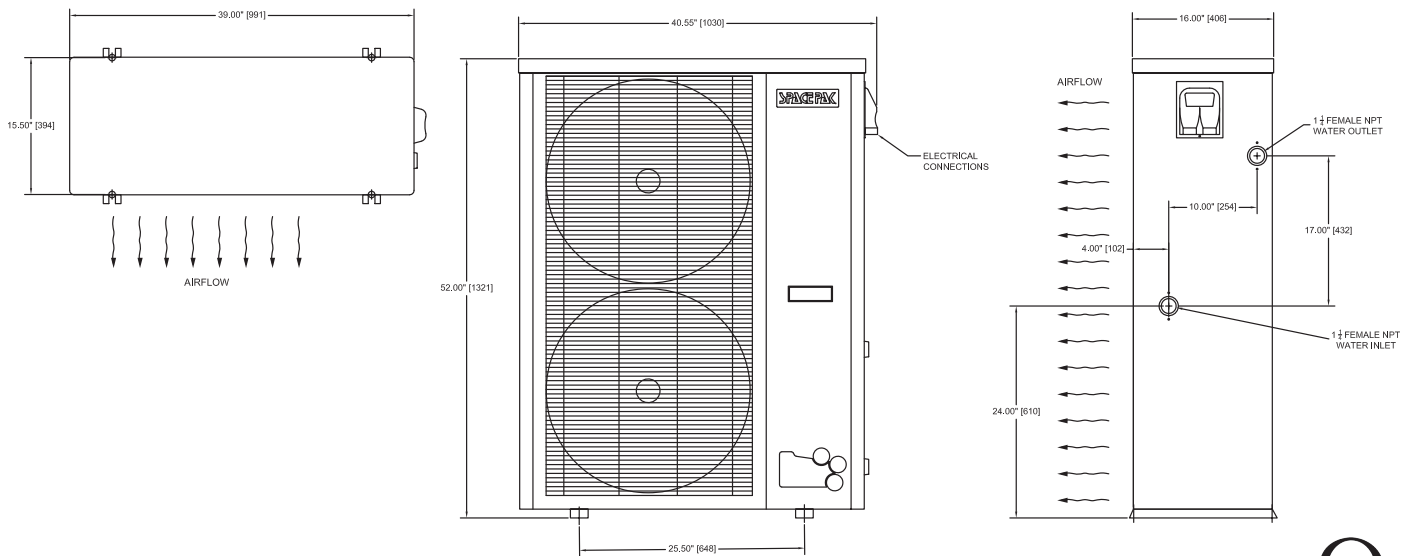
**Solstice® Inverter Air-to-Water Heat Pump**

**FEATURES**

- Supplies Low Temperature Water for Heating & Chilled Water for Cooling
- Reliable Toshiba EVI Inverter Compressor
- High Performance Heating in Cold Climates Extremes Down to -22°F
- 42-130°F Delivered Water Temperatures (Controls on Supply)
- Capacities up to 63,807 BTU/hr
- Domestic Hot Water Offset
- Monobloc Design (No On-Site Refrigerant Charging)
- Keeps All Refrigerant Outside the Occupied Space
- Freeze Protection
- Low Amp Draw with Ultra Quiet Operation
- Modbus Compatible
- User Friendly Advanced Color Touch Screen Control (24ga shielded 5 wire. Can be remote mounted up to 600ft)
- Precision Temperature Control Platform
- Inverter Driven Fan Motors
- Outdoor Coils Have Been Tested in Accordance with GB/T 2432.17 Salt Spray Test
- Eligible for Rebates
- **Industry Leading 10-Year Compressor Warranty & 5-Year Parts Warranty for Certified Contractors**



**ILAHP DIMENSIONS (INCHES)**



ILAHP48 INSTALLED WEIGHT, 349# (159 kg)



260 North Elm St., Westfield, MA 01085  
(800) 465-8558

7555 Tranmere Drive, Mississauga, ONT. L5S 1L4 Canada  
(905) 670-5888

www.spacepak.com

PROJECT: \_\_\_\_\_ DATE: \_\_\_\_\_

LOCATION: \_\_\_\_\_

CUSTOMER: \_\_\_\_\_

ENGINEER: \_\_\_\_\_

SUBMITTED BY: \_\_\_\_\_

FOR:  Reference  Approval  Construction

UNIT DESIGNATION: \_\_\_\_\_

SCHEDULE NUMBER: \_\_\_\_\_

# SUBMITTAL DATA: Heat Pump ILAHP

## ILAHP SPECIFICATIONS

		Units	ILAHP
Cooling	Capacity Range	BTU/hr (kW)	24,226-63,466 (7-19)
	Efficiency Range	EER	7.26-10.41
	Efficiency	IPLV	18.4
	Delivered Water Temp Range	°F (°C)	42-77 (6-25)
	Ambient Temp Range	°F (°C)	5-109 (-15-43)
Heating	Capacity Range	BTU/hr (kW)	15,354-63,807 (5-19)
	Efficiency Range	COP	1.64-5.41
	Delivered Water Temp Range	°F (°C)	59-130 (15-55)
	Ambient Temp Range	°F (°C)	-22 - 109 (-30-43)
CEC Data	Cooling Capacity*	BTU/hr (kW)	45,424 (13)
	Cooling Efficiency*	EER	8.59
	Heating Capacity**	BTU/hr (kW)	53,214 (16)
	Heating Efficiency**	COP	2.78
	Heating Capacity***	BTU/hr (kW)	36,903 (11)
	Heating Efficiency***	COP	1.82
Electrical	Power	V/Ph/Hz	230/1/60
	Fan Motor	A	.8 (2)
	Compressor Motor	A	30
	MCA	A	45
	MOPD	A	50
	SCCR	kA	10
Refrigerant	Type		R410a
	Factory Charge	lbs. (kg)	6.2 (2.8)
Fan	Quantity		2
	Power Input	W	75
	Type		EC
	Max Speed	RPM	750
Sound @ 3 ft/1 m	Range	dBA	47-57
Hydronic	Rated Flow	GPM	12
	Max Water Temp	°F (°C)	130 (55)
	Piping Connections	inch (cm)	1-1/4 NPT (3.2)
	Rated Pressure Drop @ Rated Flow	PSI (ft W.C.)	12.8 (29.5)
Compressor	Type		Rotary Inverter, EVI
	Speed Range	Hz	30-90
	Brand		Toshiba
	Quantity		1
Dimensions	Net Dimensions (W x D x H)	inch (cm)	39 x 16 x 52 (99 x 41 x 132)
	Shipping Dimensions (W x D x H)	inch (cm)	42 x 17 x 53 (107 x 43 x 135)
	Net Weight	lbs. (kg)	349 (158)
	Shipping Weight	lbs. (kg)	388 (176)

CEC is California Energy Commission. Data is tested in accordance with AHRI 550/590

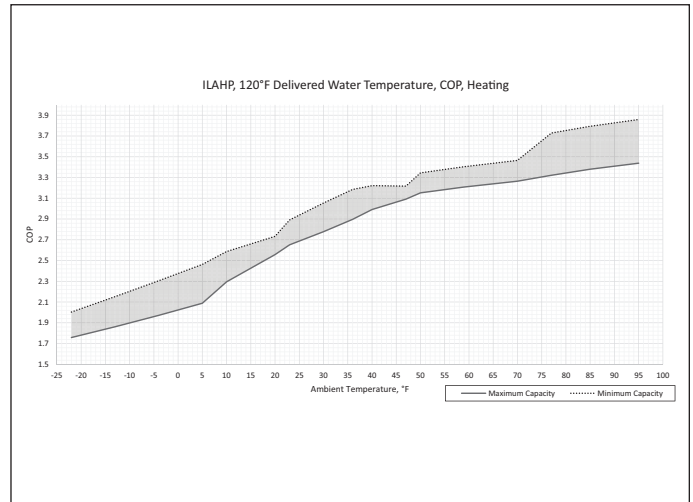
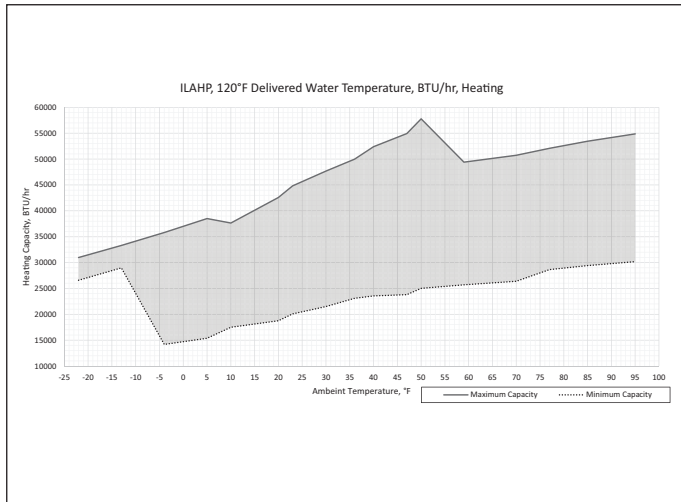
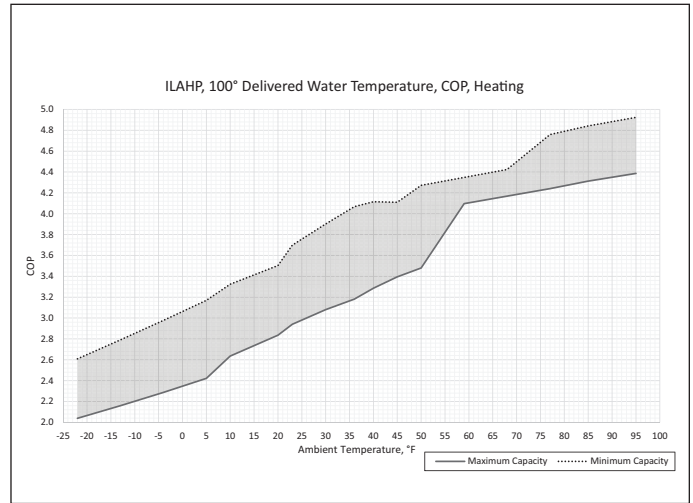
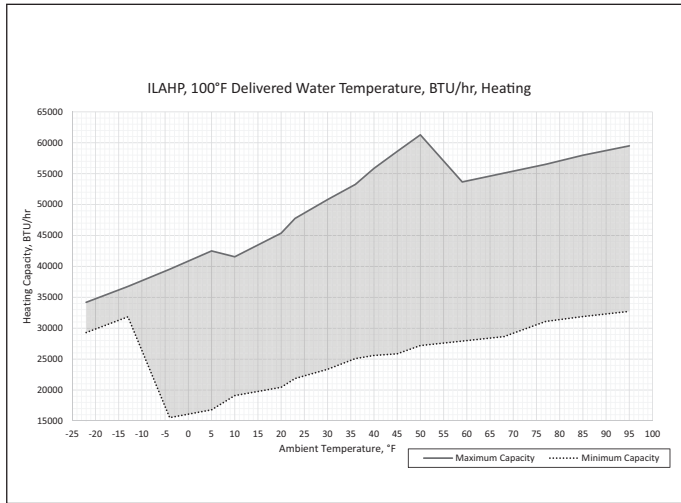
\*= 44°F LWT 54°F EWT @10 GPM & 95°F DB Ambient

\*\*= 120°F LWT 107°F EWT @10 GPM & 47°F DB Ambient

\*\*\*= 120°F LWT 110°F EWT @10 GPM & 17°F DB Ambient

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## HEATING PERFORMANCE



For more performance data, please scan QR code