

## System M Water Heater | Submittal Data Stainless Steel Indirect-Fired

Submittal No: 801-002 | Effective: June 10, 2022 | Supersedes: NEW

— Ø28" (711) -- 29.38" (746) =

JOB:	REPRESENTATIVE:
ENGINEER:	CONTRACTOR:
MODEL NOSMT85-1	
SPECIFICATIONS  85 gallon capacity R-16+ insulation All 316L stainless steel construction, no dissimilar metals Large smooth-wall stainless steel heating coils in counterflow configuration Factory-installed anode rod (removable & replaceable) Factory-installed drain and T & P valve Thermoplastic jacket 4.5kW electric backup immersion heater Conforms to UL STD. 174 NSF/ANSI 372 Certified Certified to CAN/CSA STD. C22.2 NO. 110-94	T&P VALVE  4"X4" JUNCTION BOX  3/4" MNPT FITTING HOT WATER SUPPLY  STEEL ELECTRICAL ENCLOSURE  (IMMERSION HEATER)  3/4" MNPT FITTING COLD WATER SUPPLY SENSOR WELL
CULISTED INSF. Corribet to Visit MSF. Add Action 17.  Cor	ANODE  1-1/2" MNPT HEAT PUMP SUPPLY/RETURN  61.44* (1561)  59.94* (1522)  63.88* (1610)  DRAIN  38.5" (978)  33.5" (8851)

DIMENSIONS & STORAGE VOLUME (GAL.)	STORAGE COIL HEATI	COIL HEATING	DIMENSIONS (INCHES)		PIPING CONNECTIONS NPT		MAX. TANK	MAX. COIL	APPROXIMATE
	SURFACE (SQ. FT)	(HT.)	(DIA.)	DOMESTIC WATER IN/OUT	HEAT PUMP WATER IN/OUT		WORKING PRESSURE (PSI)	SHIPPING WT. (LBS)	
SMT85-1	87	28.7	63.5	28.0	1 1/2	1 1/2	150	90	215

— 30" (762) —

130°F HEAT PUMP	FIRST HOUR RATING (GAL./HR.)	CONTINUOUS RATING (GAL./HR.)	HEAT PUMP OUTPUT NEEDED (BTU/HR.)		
SUPPLY RATINGS	115°F	115°F	NEEDED (BTO/HK.)		
SMT85-1	168	92	50,000		

## **COMMENTS**