

- 1) KEMCO HEATER REQUIRES BETWEEN 2 P.S.I. (MIN.) AND 5 P.S.I. (MAX.) GAS PRESSURE AT INLET VALVE. PIPING TO HEATER MUST BE SIZED TO PASS 9,900 C.F.H. OF NATURAL GAS TO BURNER. IF PLANT GAS PRESSURE DIFFERS, A BOOSTER OR REGULATOR MAY BE REQUIRED. (BY CUSTOMER)

- 2) KEMCO HEATER REQUIRES 15 P.S.I. WATER PRESSURE DURING NORMAL OPERATION.

HEATER MODEL TE-100+ SPECIFICATIONS

HEATER BTU RATING - **9.9×10^6 / HR**

MAIN BODY DIA. - **54" T316 S.S.**

EXHAUST STACK FLANGE DIM. - **$24\text{--}1/8"$ I.D.**
 $\times 25\text{--}7/8"$ B.C.
 $\times 27\text{--}1/8"$ O.D.

GAS INLET SIZE - **2" NPT**

WATER INLET SIZE - **3" FLANGE**

HEATER DISCHARGE SIZE - **6" FLANGE**

PANEL VOLTAGE REQUIRED - **480V/3/60**


SYSTEM VOLTAGE REQUIRED - **480V/3/60**

FLOOR SPACE REQUIRED - REF. TO DWG. **#21-2489**
DRY WEIGHT APPROXIMATE 2,750 LBS.

OVERALL HEIGHT - **142"**

DWG.#	REFERENCE DRAWING
21-2489	EQUIPMENT LAYOUT
42-2759	SCHEMATIC FLOW
42-2763	HEATER WIRING DIAGRAM

LET.	CHANGE	DATE	BY
A	WAS PRELIMINARY	3/22/24	MK

 KEMCO SYSTEMS	11500 47th Street N Clearwater, FL 33762 800-633-7033 www.kemcosystems.com	
	MODEL "TE-100 PLUS" HEATER "B" ASSEMBLY DRAWING 9,900,000 BTU	
JOB # 34278 DR. MK SCALE NONE DATE 1/23/24 ENG. BERNIE PENDER APP. <i>BP</i> 3/25/24 APP. APP.	WAYNE FARMS UNION SPRINGS, AL THIS DRAWING IS THE PROPERTY OF KEMCO SYSTEMS. ALL RIGHTS OF DESIGN ARE RESERVED. DRAWING IS TO BE RETURNED UPON REQUEST. DWG. NO. 42-2761A	