



STORAGE CAPACITY	1A'	1B'	1C'	1D'	1E'	1F'	1G'	1H'
175 GALLON	54"	36"	67"	50"	SIMPLEX 18"	46"	26"	28"
210 GALLON	54"	36"	79"	50"	SIMPLEX 18"	46"	26"	28"
285 GALLON	60"	42"	76"	56"	SIMPLEX 24"	52"	32"	31"
310 GALLON	60"	42"	82"	56"	SIMPLEX 24"	52"	32"	31"
453 GALLON	66"	48"	88"	62"	SIMPLEX 30"	58"	38"	34"
500 GALLON	72"	54"	77"	68"	SIMPLEX 36"	64"	44"	37"
765 GALLON	72"	54"	112"	68"	SIMPLEX 36"	64"	44"	37"

UNIT MODEL: \_\_\_\_\_  
RELIEF VALVE SET AT \_\_\_\_\_ PSI & \_\_\_\_\_ PSI

**SIMPLEX UNIT OPTION**  
SHOWN IN THIS VIEW

**NOTES:**

1. ALL DIMENSIONS ARE SHOWN IN INCHES.
2. DHT RESERVES THE RIGHT TO MODIFY DIMENSIONS WITHOUT PRIOR NOTICE.
3. DO NOT COMPLETE THE FIELD PIPING UNTIL UNIT IS PROPERLY INSTALLED. ACTUAL DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES. FABRICATION ACCEPTS NO LIABILITY DUE TO DIMENSIONAL VARIATION.
4. RELIEF VALVE AND DRAIN VALVE PIPED TO DRAIN BY CONTRACTOR.
5. REFER TO INSTALLATION AND PIPING DRAWINGS FOR MORE DETAILS.
6. ADDITIONAL REDUCER/INCREASER MAY BE REQUIRED TO MATCH UNIT CONNECTION SIZES.
7. T&P RELIEF VALVE DIMENSIONS ARE REFERENCE ONLY AND VARIES WITH RESPECT TO THE SELECTION FOR HEATING CAPACITY.
8. CONTROL VALVE OR VFD PUMP OPTIONS AVAILABLE FOR BOILER WATER CONTROL AND SHIPS LOOSE WITH UNIT FOR FIELD INSTALLATION.
9. INSULATION THICKNESS IS 4 INCHES WITH AN R-VALUE OF 15.
10. STORAGE TANK AVAILABLE IN BOTH CARBON STEEL WITH DOUBLE GLASS LINING AND DUPLEX STAINLESS STEEL MATERIAL OPTIONS.

**DIVERSIFIED**  
CHT HEAT TRANSFER, INC.

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STP SERIES  
SIMPLEX AND DUPLEX HEAT EXCHANGER OPTIONS  
DIMENSIONAL DRAWING

DRAWN BY	NAME	DATE	DWG.#	REV
JAC	JAC	07/22/2019	S-41	B

CHECKED BY SS 07/23/2019