THERMAL FLUID SYSTEM CATCH TANKS

SAFELY COLLECT FLUID DISCHARGE FROM RELIEF VALVES AND DRAINS

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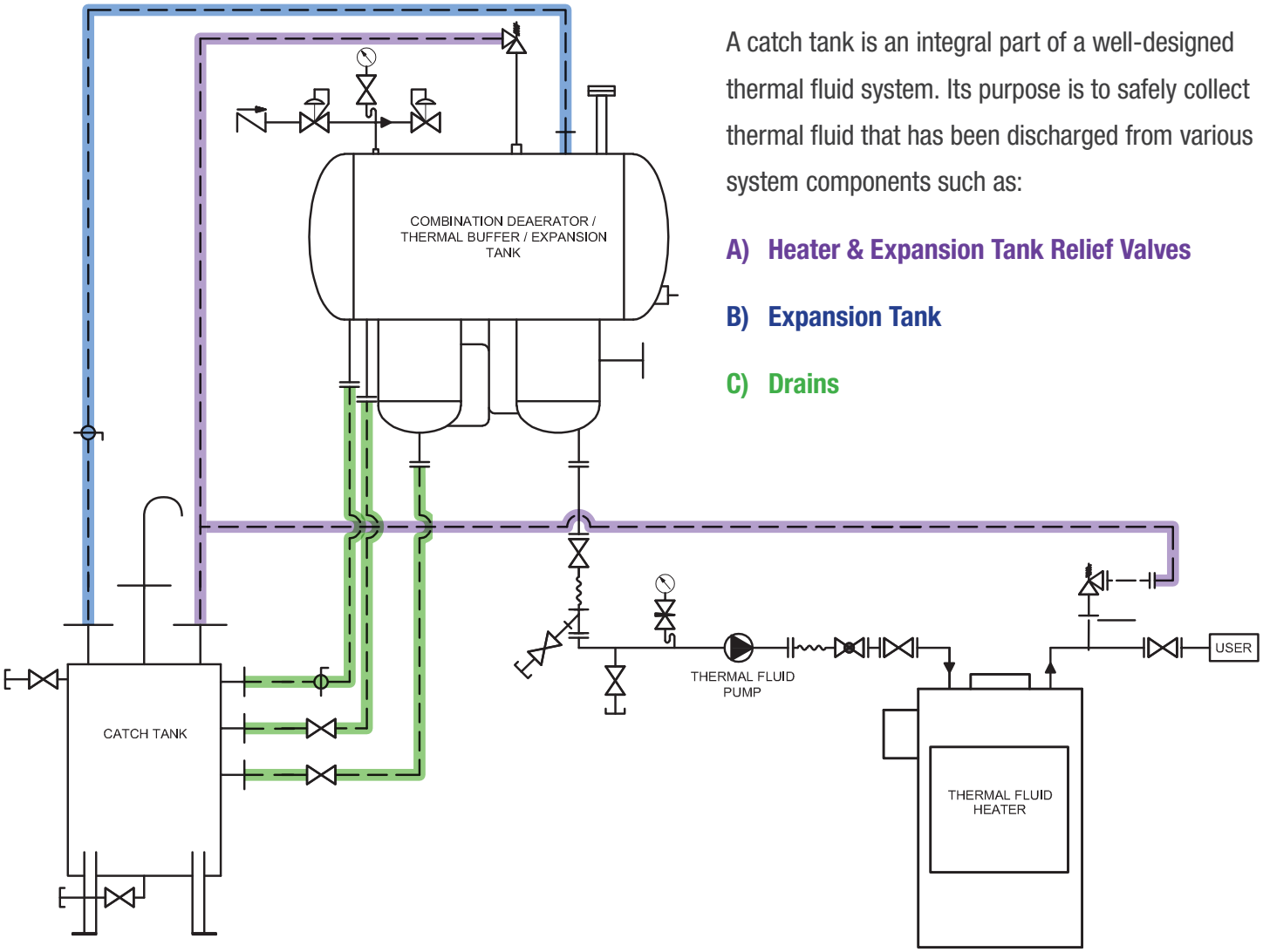


A catch tank is an integral part of a well-designed thermal fluid system. Its purpose is to safely collect thermal fluid that has been discharged from various system components such as:

A) Heater & Expansion Tank Relief Valves

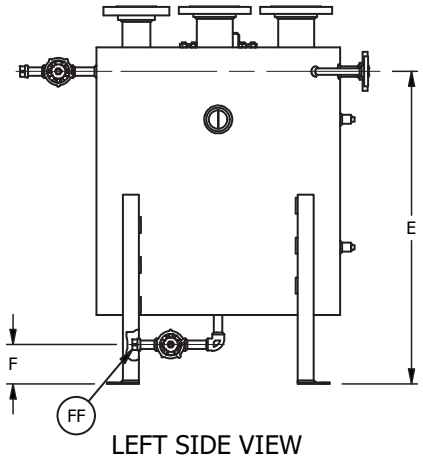
B) Expansion Tank

C) Drains

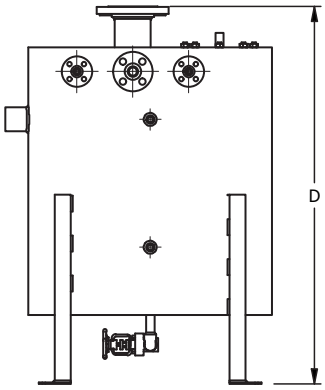
KEY FEATURES & BENEFITS OF FULTON THERMAL CATCH TANKS

- Closed tank design prevents the release of any thermal fluid vapors into the surrounding heater area
- Customizable and scalable to any application
- Oversized vent connection ensures thermal fluid vapors are easily released to a safe location
- Long lasting rugged, robust and reliable construction

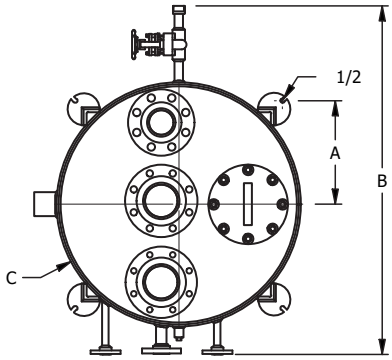
CATCH TANK DIMENSIONS



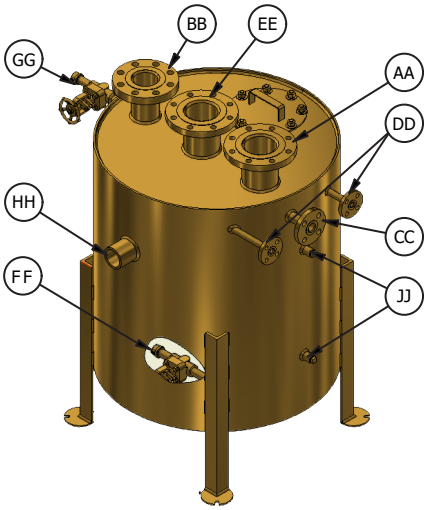
LEFT SIDE VIEW



FRONT VIEW



TOP VIEW



ESTIMATED WEIGHTS AND DIMENSIONS							
TANK CAPACITY (GAL)	TANK WEIGHT (LBS)	A (IN)	B (IN)	C (IN)	D (IN)	E (IN)	F (IN)
100	512	13"	43 5/8"	30 1/2"	47 1/4"	39 1/8"	4 15/16"
200	799	13"	43 7/16"	30 1/2"	85 7/16"	72 1/8"	5"
300	1035	16"	49 11/16"	36"	90 11/16"	77 5/8"	5 5/16"

CONNECTION CHART					
ITEM	DESCRIPTION	SIZE (100 GAL)	SIZE (200 GAL)	SIZE (300 GAL)	CONNECTION TYPE
AA	FROM SAFETY RELIEF VALVE HEADER (INLET)	4"	6"	6"	CL150
BB	FROM COMBINATION TANK VENT (INLET)	3"	3"	3"	CL300
CC	FROM COMBINATION TANK CAN DRAIN (INLET)	1"	1"	1"	CL300
DD	FROM COMBINATION TANK CHECK PIPES (INLET)	1/2"	1/2"	1/2"	CL300
EE	VENT (OUTLET)	4"	6"	6"	CL150
FF	DRAIN (OUTLET)	3/4"	3/4"	3/4"	N.P.T.
GG	OVERFLOW (OUTLET)	3/4"	3/4"	3/4"	N.P.T.
HH	HIGH LIQUID LEVEL SWITCH (OPTIONAL)	2"	2"	2"	N.P.T.
JJ	LEVEL INDICATION (OPTIONAL)	1/2"	1/2"	1/2"	N.P.T.

Options include: • ASME Pressure Vessel • Sight Glass • High Liquid Level Switch and Alarm

IMPORTANT SAFETY RECOMMENDATIONS

- **A catch tank must always be vented to a safe location.**
- **A thermal fluid catch tank is not sized for the total system volume.**
- **An open drum must never be used for a catch tank**
- **A 55 gallon oil drum must never be used for a catch tank**
- **Thermal oil discharged to a catch tank must never be re-used**

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Find your solution at:
www.fulton.com