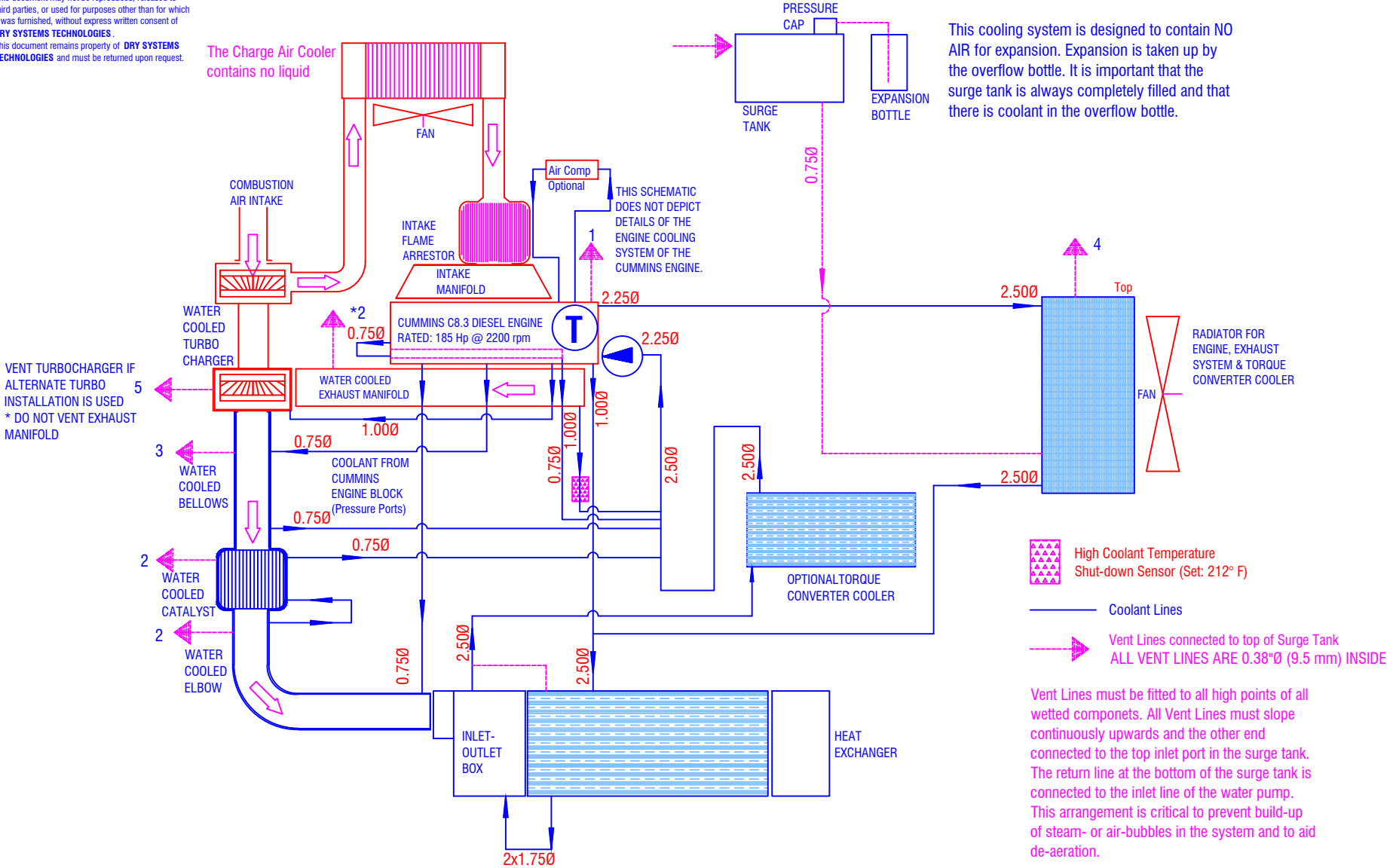


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The Charge Air Cooler contains no liquid



This cooling system is designed to contain NO AIR for expansion. Expansion is taken up by the overflow bottle. It is important that the surge tank is always completely filled and that there is coolant in the overflow bottle.

VENT TURBOCHARGER IF ALTERNATE TURBO INSTALLATION IS USED
* DO NOT VENT EXHAUST MANIFOLD

High Coolant Temperature Shut-down Sensor (Set: 212° F)

Coolant Lines

Vent Lines connected to top of Surge Tank
ALL VENT LINES ARE 0.38"Ø (9.5 mm) INSIDE

Vent Lines must be fitted to all high points of all wetted components. All Vent Lines must slope continuously upwards and the other end connected to the top inlet port in the surge tank. The return line at the bottom of the surge tank is connected to the inlet line of the water pump. This arrangement is critical to prevent build-up of steam- or air-bubbles in the system and to aid de-aeration.

DO NOT CHANGE WITHOUT PRIOR APPROVAL FROM MSHA

SECTION 2-10

TOLERANCES		DRY SYSTEMS TECHNOLOGIES		DESCRIPTION		NO RECD			
Linear unless noted		10420 RISING COURT WOODRIDGE, IL 60517 Phone: 630-427-2051 Fax: 630-427-1036 E-Mail: eng@drysystemstech.com		COOLING SYSTEM					
Machined: ± 0.005				SCALE	DATE	DRAWN BY			
Fabricated: ± 0.01				6 Sept 05		R Gibbs			
Angular: ± 1/2°						APPROVED BY			
Surface finish 125		01	0917	RG	Add Alternate Turbo Note	DRAWING NO: M255-008-01			
		REV	DATE	BY	DESCRIPTION				