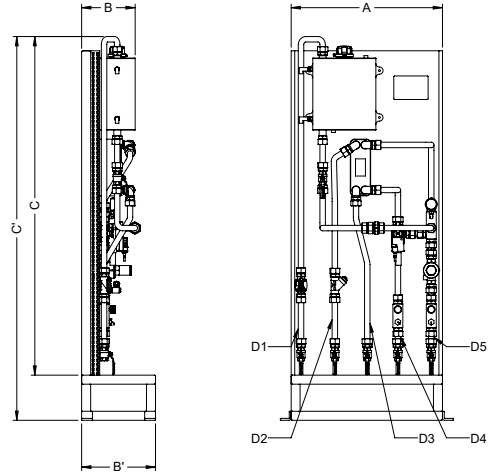


Engine Coolant Conditioning Unit

PCS



Features:

- ✦ The Engine Water Cooling System prevents engine parts and engine oil from overheating, raises the engine to the most efficient temperature in the shortest time and ensures that the engine remains at operating temperature to give full power.
- ✦ This system is activated as soon as the engine thermostat opens and liquid starts to come into the system and measures the temperatures at the inlet and temperature of the engine. According to the temperature set through the system, it performs the cooling-conditioning process precisely with the three-way proportional valve on it.
- ✦ Thanks to this specially designed system, very low pressure loss occurs in the system. In this way, it helps the circulation pump on the engine to fulfill its duty.
- ✦ There is protection on the system against situations such as expansion and pressure increase that may occur in the cooling water at high temperatures.

Engine Coolant Conditioning Unit

MODEL	ENGINE POWER (HP)	TECHNICAL SPECIFICATIONS	
ECCU-150	20-150	Engine Power Range that can be Tested	0-150 HP
		Cooling Capacity	85 KW
		DIMENSIONS	
		Width	450 mm
		Length	900 mm
		Height	2000 mm
		PRIMARY CIRCUIT (ENGINE WATER CIRCUIT)	
		Fluid	%50 MEG-%50 Water
		Inlet Temperature	5-125°C
		Temperature	70-125°C
		Control Sensitivity	± 1°C
		Pressure Loss	0,5 BAR
		SECONDARY CIRCUIT (COOLING WATER CIRCUIT)	
		Fluid	Water
		Inlet Temperature	5-30°C
Maximum ΔT	15°C		
Pressure Loss	0,4 BAR		
ECCU-500	150-500	Engine Power Range that can be Tested	150-500 HP
		Cooling Capacity	200 KW
		DIMENSIONS	
		Width	550 mm
		Length	1100 mm
		Height	2200 mm
		PRIMARY CIRCUIT (ENGINE WATER CIRCUIT)	
		Fluid	%50 MEG-%50 Water
		Inlet Temperature	5-125°C
		Temperature Control Range	70-125°C
		Control Sensitivity	± 1°C
		Pressure Loss	0,45 BAR
		SECONDARY CIRCUIT (COOLING WATER CIRCUIT)	
		Fluid	Water
		Inlet Temperature	5-30°C
Maximum ΔT	15°C		
Pressure Loss	0,4 BAR		
ECCU-1500	500-1500	Engine Power Range That Can Be Tested	500-1500 hp
		Cooling Capacity	450 KW
		DIMENSIONS	
		Width	550 mm
		Length	1500 mm
		Height	2200 mm
		PRIMARY CIRCUIT (ENGINE WATER CIRCUIT)	
		Fluid	%50 MEG-%50 Water
		Inlet Temperature	5-125°C
		Temperature Control Range	70-125°C
		Control Sensitivity	± 1°C
		Pressure Loss	0,5 BAR
		SECONDARY CIRCUIT (COOLING WATER CIRCUIT)	
		Fluid	Water
		Inlet Temperature	5-30°C
Maximum ΔT	15°C		
Pressure Loss	0,45 BAR		

Special design engine cooling systems up to 6000 HP are designed for your higher capacity engines.