

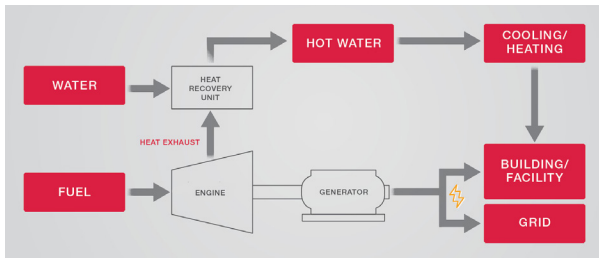


# CP35VC



Using natural gas, the CP35VC's high-efficiency generator provides 35kW of electrical power. The engine heat is captured and heats water at a rated temperature of 176°F for immediate use or storage in your facility.

### CHP Basic Flow



Model			CP35VC	
			CP35VC-TN	CP35VCZ-TN
Power	Output	Rated Output	35 kW	
		Voltage	200 V, 60Hz	
		Phases/Wires	Three phase, 3 wire	
		Modulation	0.5 to 35 kW with optional CT/ Transducer kit (*1)	
Fuel	Gas type		Natural gas	
	Pressure	Standard	8 in WC (2kPa)	
		Range	4 ~ 10 in WC (1 ~ 2.5kPa)	
	Consumption (LHV)		351,500 BTU (103kW)	
			3.51 therms/hr	
Consumption (HHV) (*2)		389,300 BTU		
		3.89 therms/hr		
Heat output	Rated recovered heat		179,100 BTU/h (52.5 kW)	
	Rated hot water temp.	Inlet	167 F (75 C)	
		Outlet	176 F (80 C)	
	Rated Hot water flow rate		39.6 GPM (150 L/min)	
Maximum hot water temp. (Outlet)		190 F (88 C)		
Input power	Voltage, Frequency		200V, 60Hz	
	Starting current		54 A	
	Power consumption	Radiator fan stop	0.56 kW	0.59 kW
		Radiator fan run	0.95 kW	0.98 kW
Gross Efficiency (LHV)	Overall efficiency		85%	
	Electrical generation efficiency		34.0%	
	Exhaust heat recovery ratio		51.0%	
Sound level	Radiator fan stopped		62 dB (A)	
	Radiator fan operating		64 dB (A)	
Dimensions	Width		78.7 in (2,000 mm)	
	Depth		43.3 in (1,100 mm)	
	Height		78.7 (2,000 mm)	
	Net weight		3,241 lb (1,470 kg)	3,374 lb (1,530 kg)
Maintenance Interval			10,000 hrs	
Standard Warranty			2 Years; Unlimited Hours	
YES Product Protection	10 Years / 30,000 hrs		n/a	
	10 Years / 60,000 hrs		n/a	
	15 Years / 90,000 hrs		n/a	
Emissions & Certifications			Not for Sale in U.S.A.	

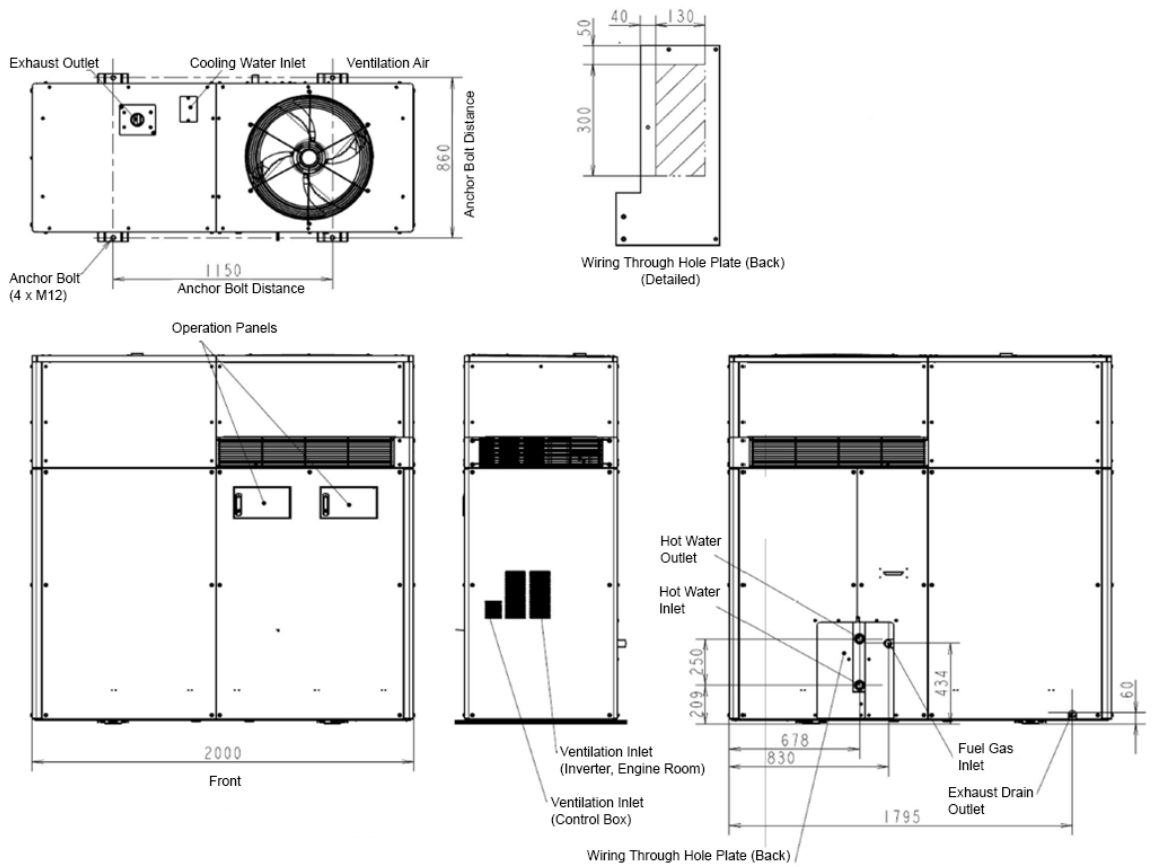
\*1: The minimum modulation amount is dependent on the CT and Transducer specifications.

\*2: Natural gas calculations for fuel consumption are based on converting LHV to HHV: LHV= 983 BTU/scf, HHV = 1,089 BTU/scf

NOTE: Due to YANMAR's ongoing commitment to quality, specifications, ratings and dimensions subject to change without notice. Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury. Installation and service must be in accordance with current specifications, ratings and dimensions and be performed by a qualified installer and servicing agency.



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