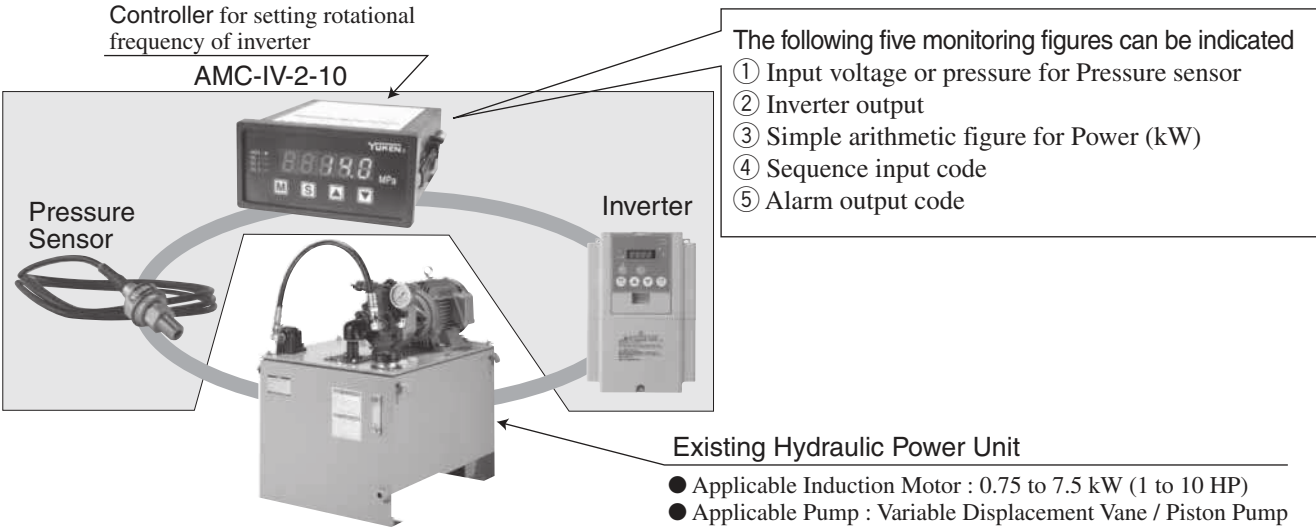


Energy-Saving Control System for Hydraulic Units (Energy-Saving Controller)

Energy-saving effect can be obtained by adding the controller, the pressure sensor, and the inverter to an existing unit and carrying out simple adjustment.



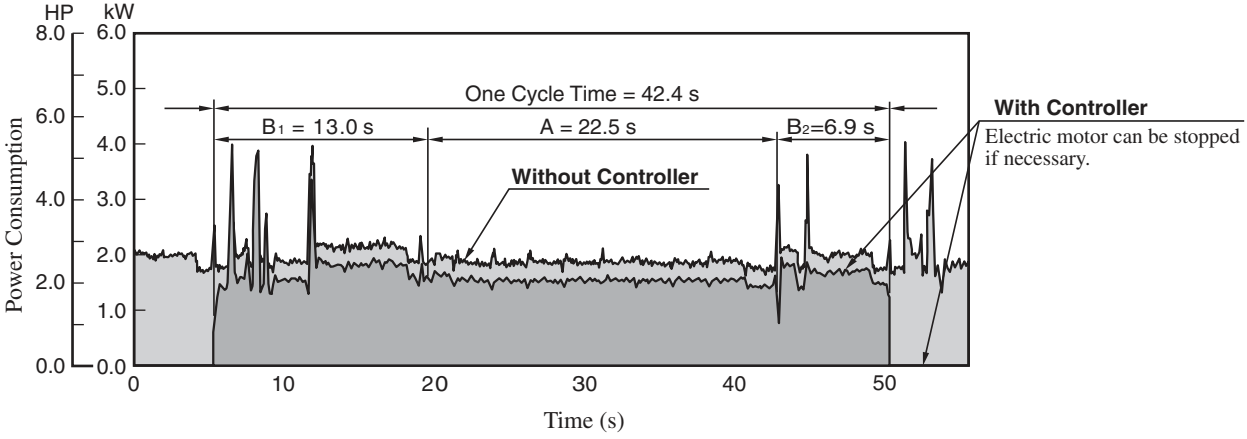
System Configuration



Specifications

Model	Output Voltage for Inverter	Input Voltage for Pressure Sensor	Power Supply for Pressure Sensor	Voltage for Power Source	Power Consumption	Ambient Temperature
AMC-IV-2-10	Select one of the following voltage (0 to +5 V, +1 to +5 V, +0.5 to 4.5 V)	+5 V	AC 100/200 V	Less than 6 VA	0 to 50°C (32 to 112°F)	

Example of Reduction Rate of Power Consumption (Machining line for auto parts)



Symbol	Status	Average of Power Consumption		
		Without Controller	With Controller	Reduction Rate
A	Standby	1.80 kW (2.41 HP)	1.47 kW (1.97 HP)	Approx. 18%
B ₁ + B ₂	Actual Work	2.01 kW (2.70 HP)	1.69 kW (2.27 HP)	Approx. 16%

Consult Yuken when detailed material such as dimensions figures is required.