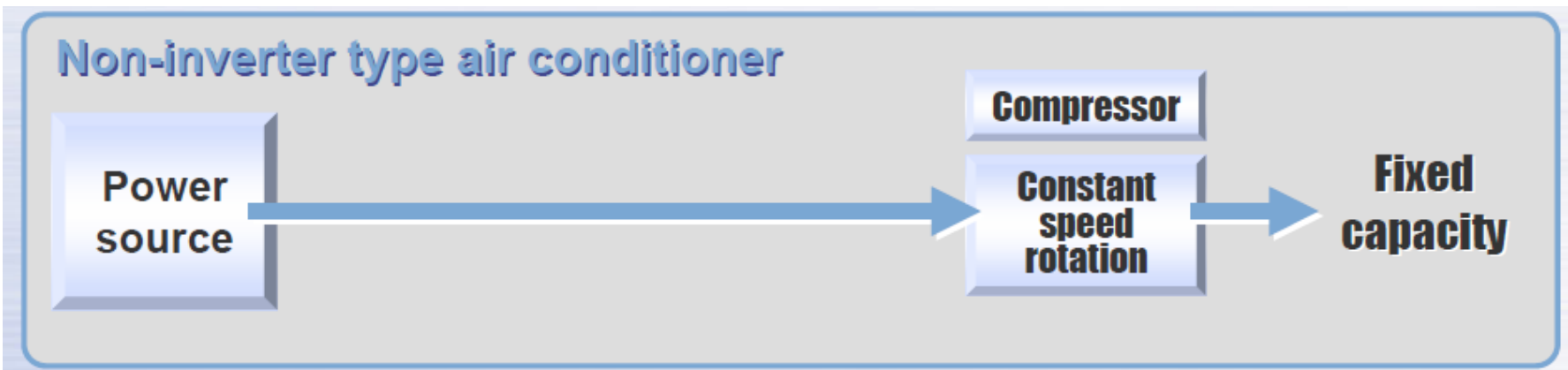
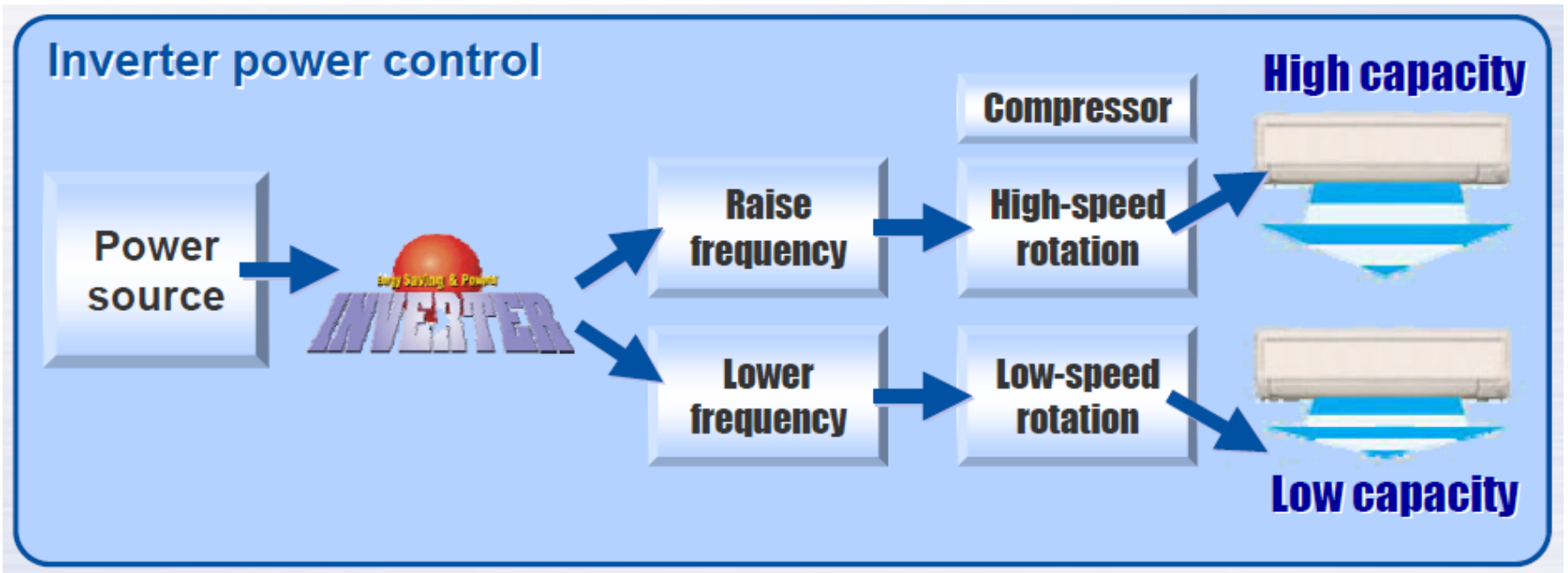
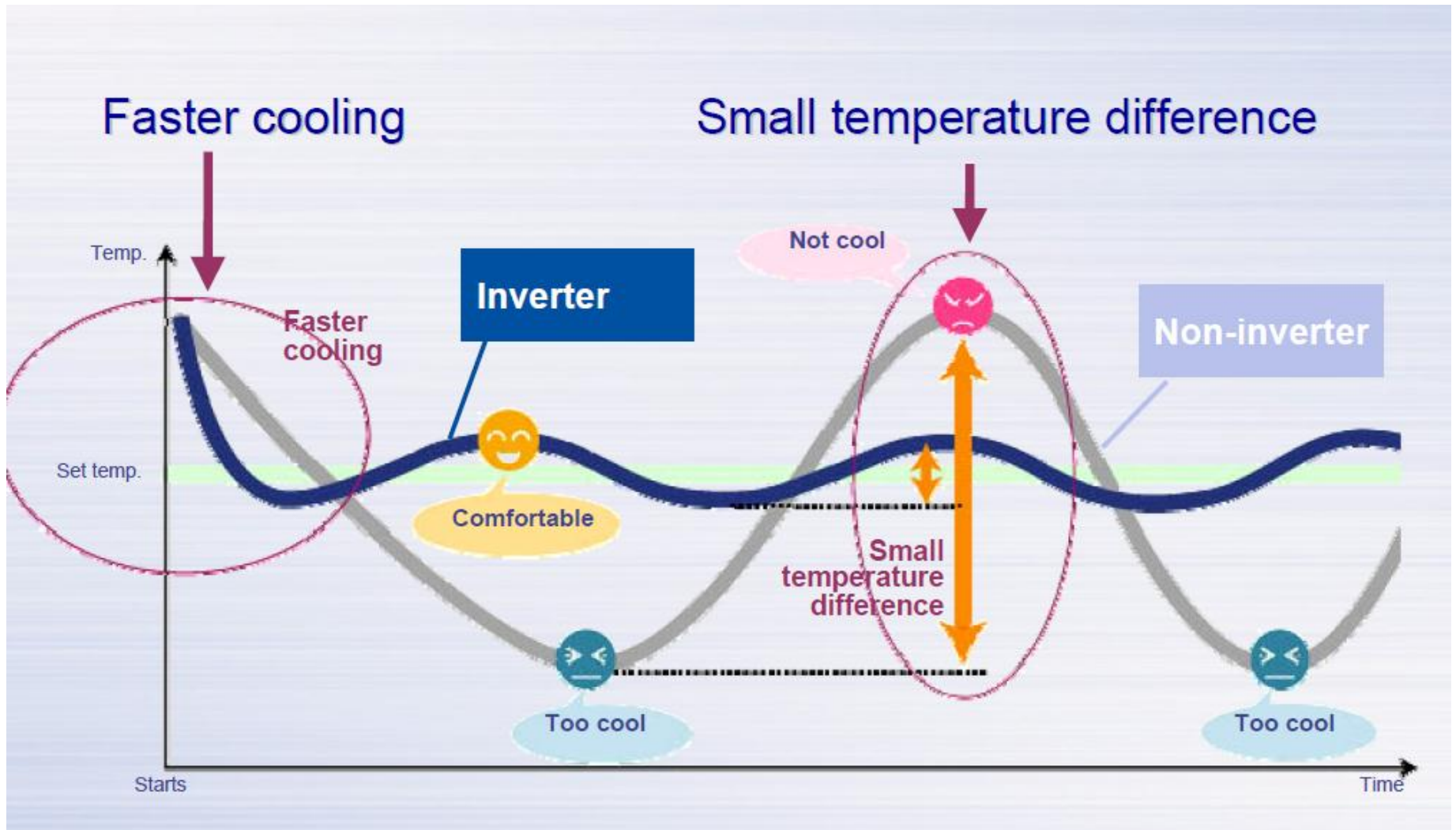
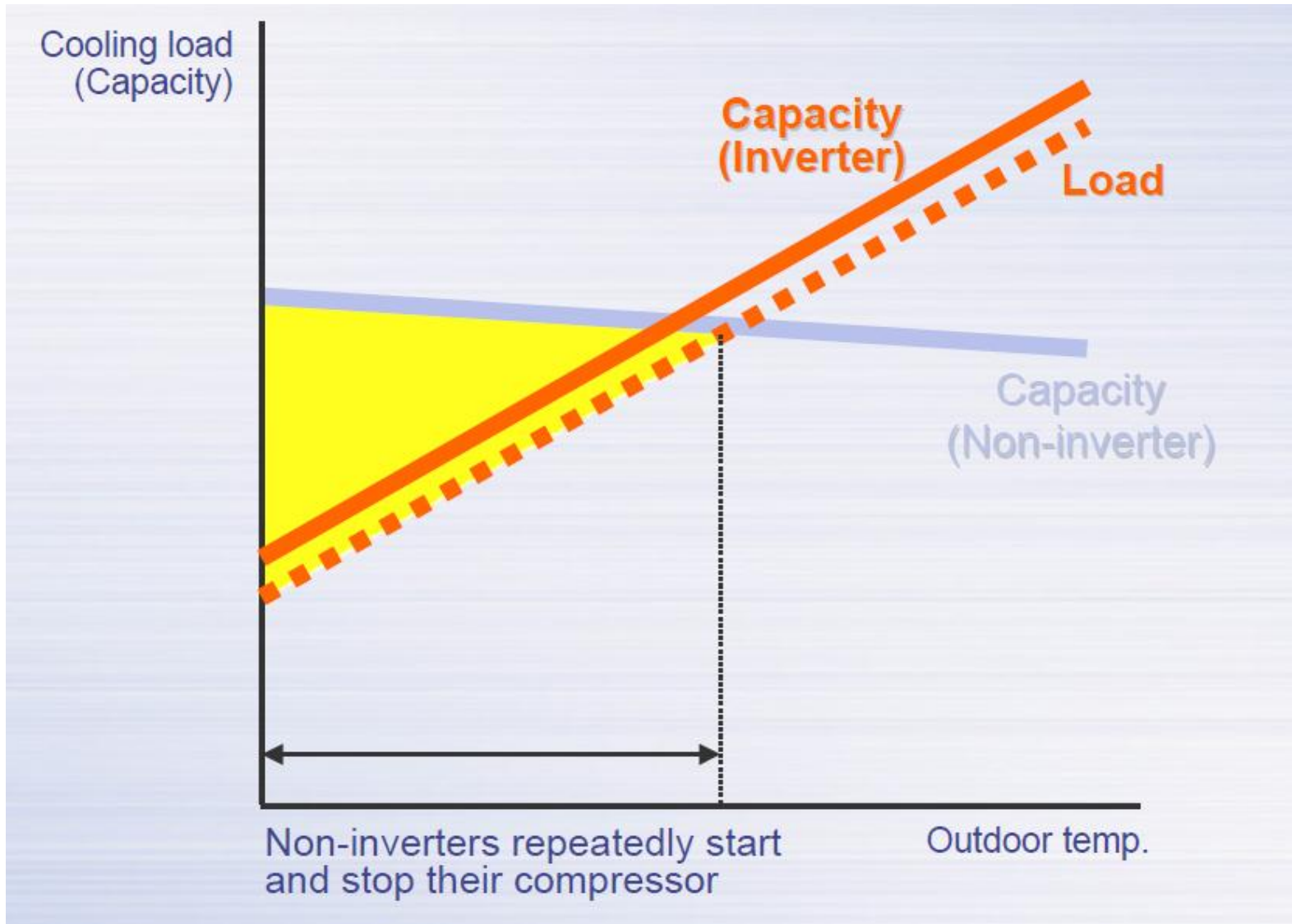


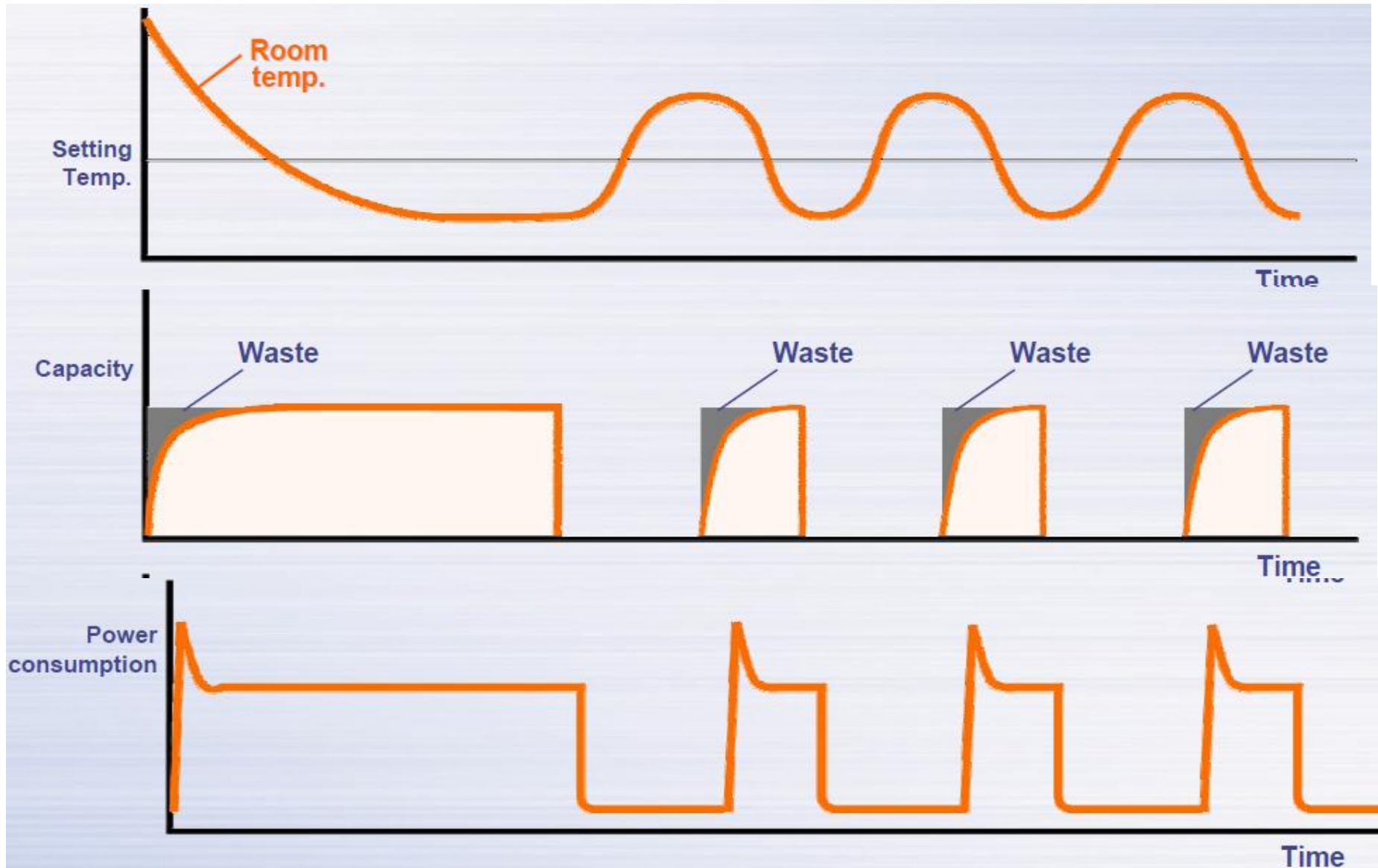
What Is Inverter



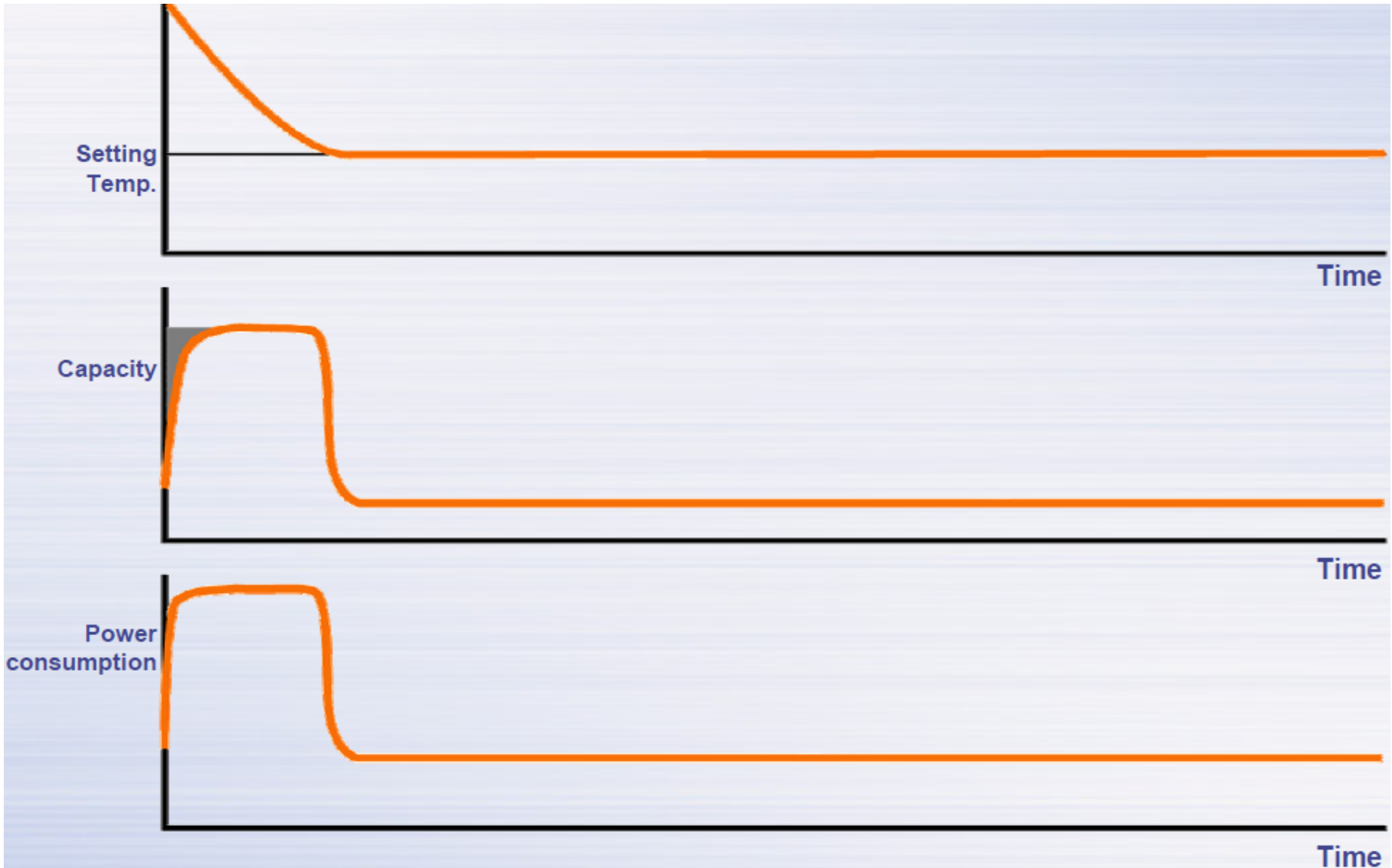




Model of Non-inverter Operation



Model of Inverter Operation



Power Consumption

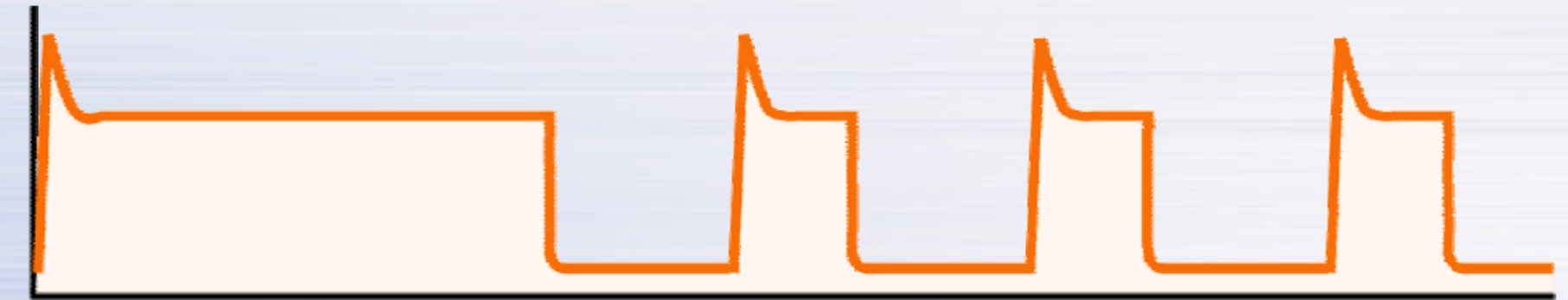
Power consumption



Inverter

Time

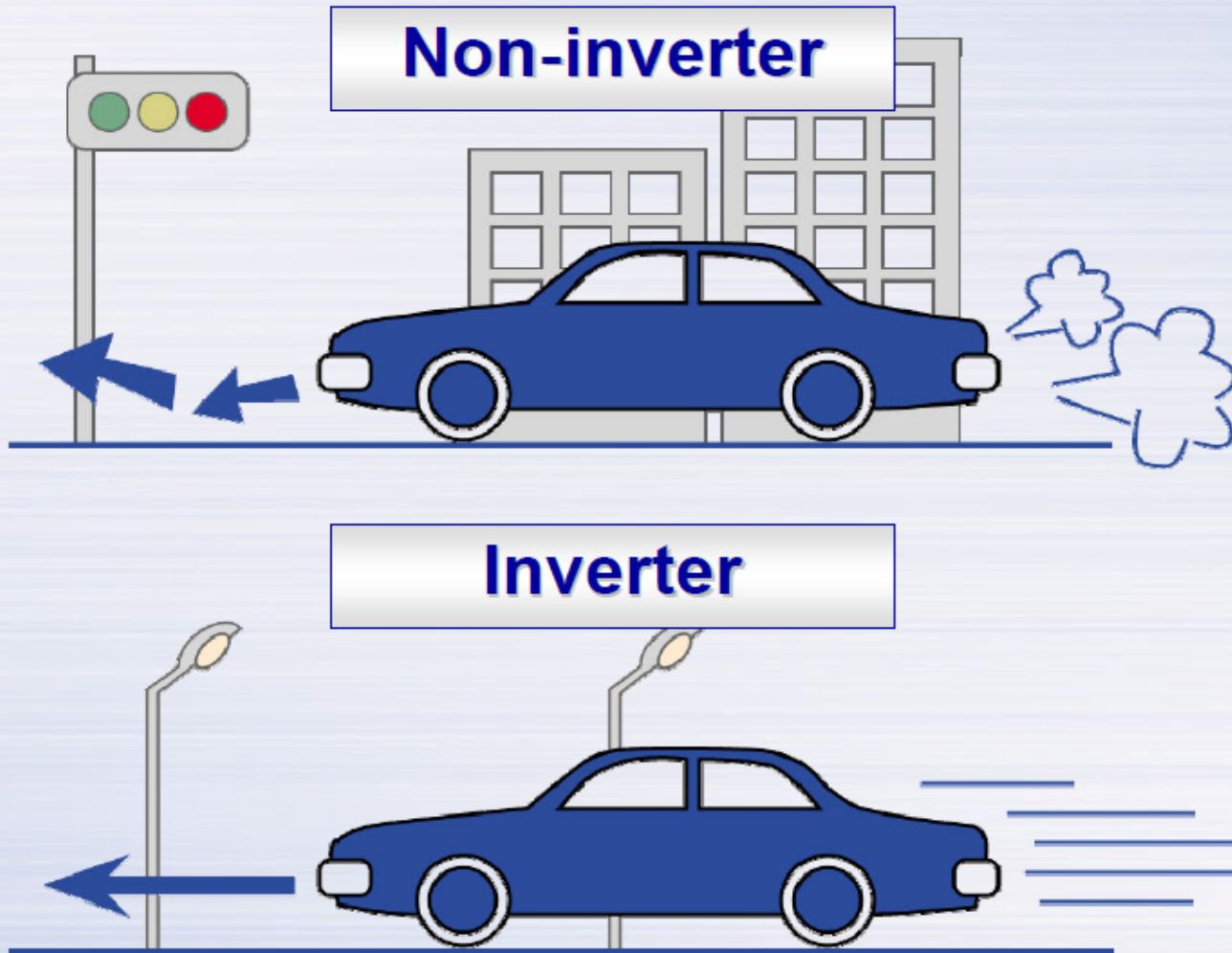
Power consumption



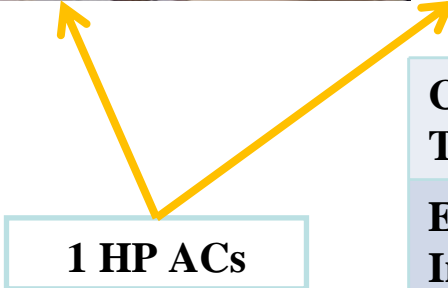
Non-inverter

Time

**Driving around the City is Similar to Non-inverters.
Driving on the Open Road, Inverter.**



Air Conditioner Performance Test (Mid of 2010 – 2011 continuing)

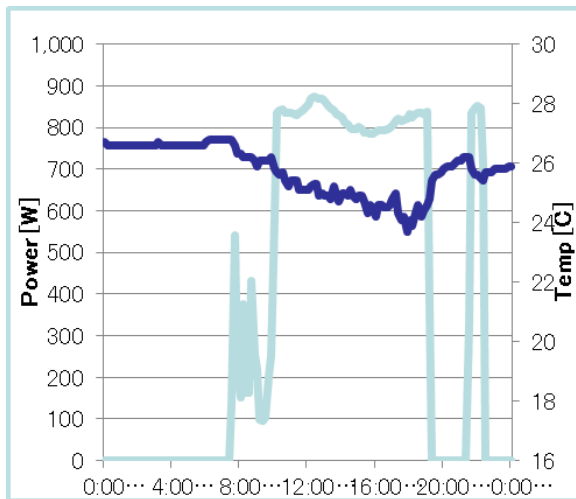


Conventional Type	COP3.1	9,000 BTU/h	2.64 kW
Efficient Non Inverter Type	COP3.9	9,000 BTU/h	2.64 kW
Inverter Type	COP3.9	9,720 BTU/h	2.85 kW

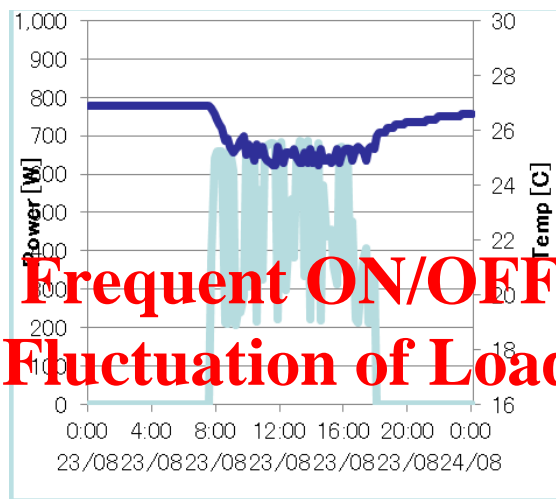
Inverter Type 25% saving

Inverter AC is Effective for Fluctuating Cooling Load

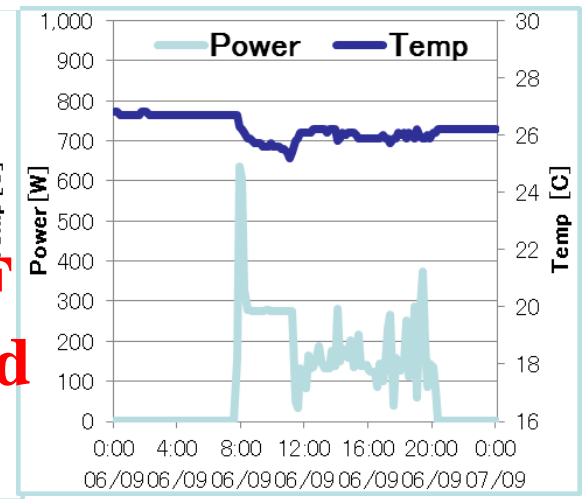
Conventional Type



Non-Inv Energy Saving Type



Inverter Energy Saving Type



	Conventional	Non-inverter Energy Saving Type	Inverter
Average Power Consumption, W	511,0	436,5	391,0

EE Non Inverter Type 30% saving

**Non-inverter High Efficient AC is Effective
for Almost
Stable Cooling Load**

(Less fluctuation of the load)

	Conventional	Non-inverter Energy Saving Type	Inverter
Average Power Consumption, W	757,2	524,6	642,7