

Consumer Durables

SMM


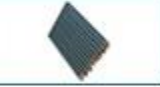







Key Cu Components in Air Conditioner

Air Conditioner

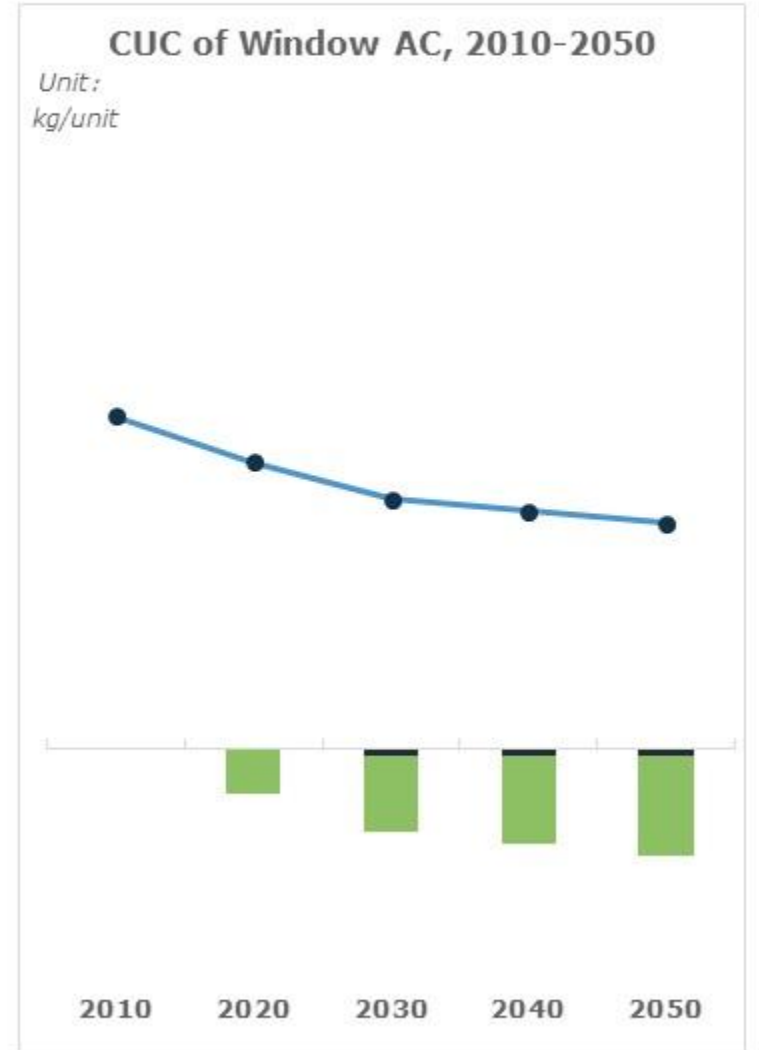
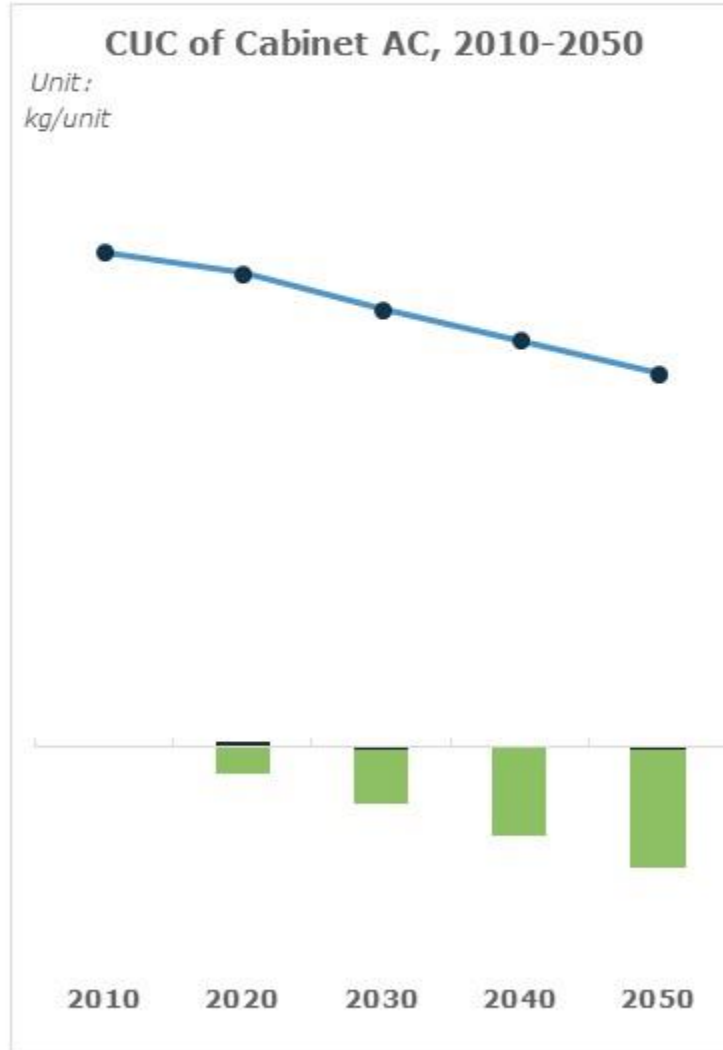
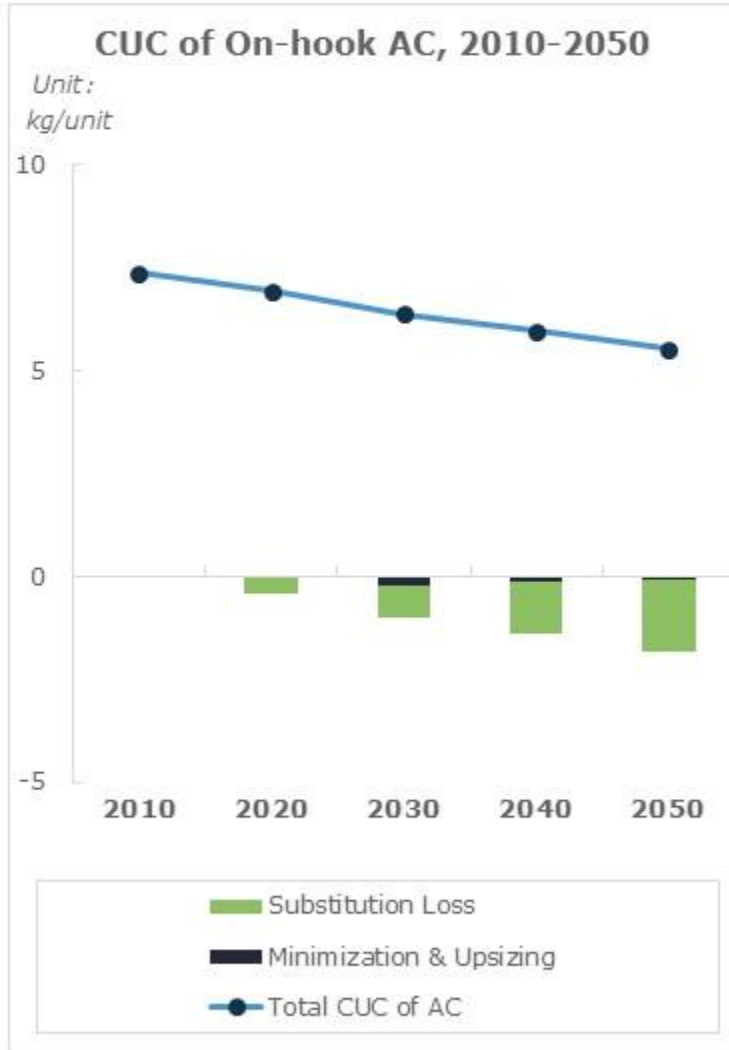


/	Copper Consumption
Total	xx kg/ unit

Main Cu components in AC, 2010

Picture	Main components	Copper Consumption, kg/unit
	Condenser	xx
	Evaporator	xx
	Motor	xx
	Internal and external connecting pipes	xx
	Other piping fittings	xx
	Silencer	xx
	Four-way valve	xx
	Electronic expansion valve	xx
	Others	xx

CUC of Three Types of Household AC





Key Cu Components in Refrigerator

Refrigerator



/	Copper Consumption
Total	Xx kg/unit

Main Cu components in Refrigerator, 2010

Picture	Main components	Copper Consumption
	Condenser & Evaporator	xx kg/unit
		
...	Others	xx kg/unit

- The structure of a refrigerator can be compared to an AC. The main copper-consuming parts are the heat exchanger, motors, filters, capillaries, and air return pipes. Other parts use a small amount of copper

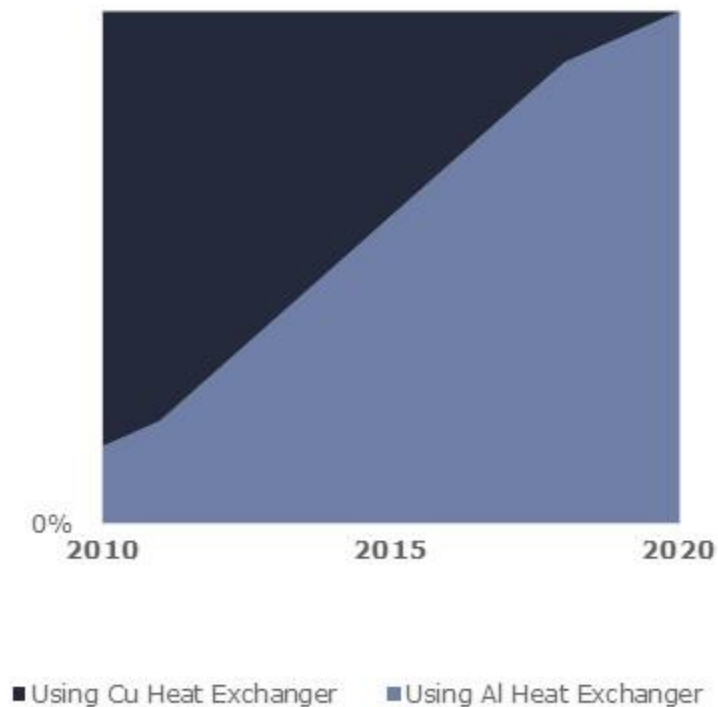
CUC Change of Refrigerators

Material Substitution



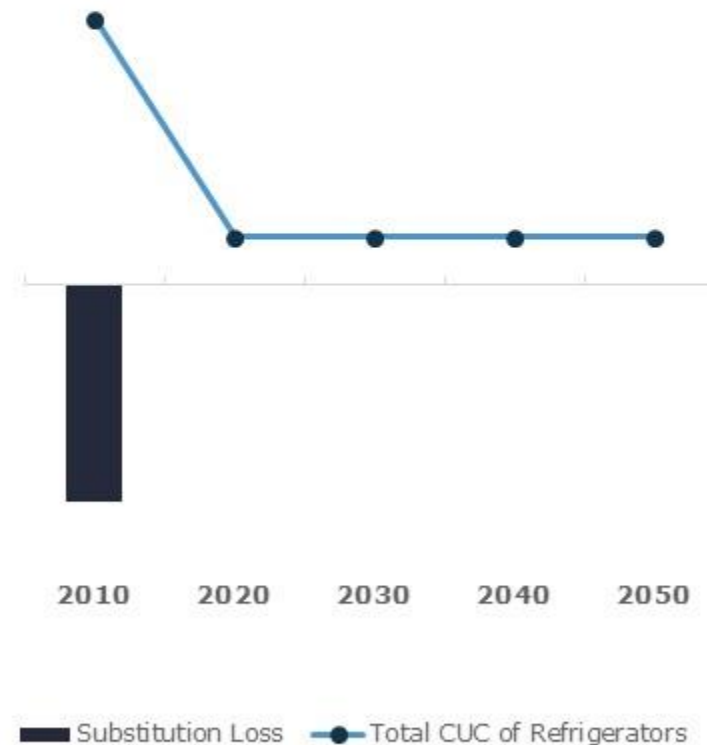
Market Share of Refrigerators 2010-2050

Unit: %



CUC of Refrigerators 2010-2050

Unit: kg/unit

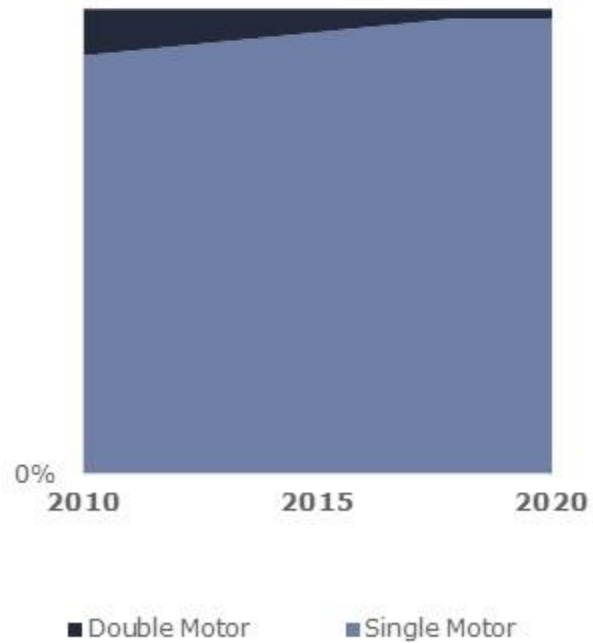


CUC Change of Washing Machine



Market Share of Washing Machine 2010-2050

Unit: %



CUC of Washing Machine 2010-2050

Unit: kg/unit

