MITSUBISHI ELECTRIC
Changes for the Better

MITSUBISHI ELECTRIC
Air Conditioning and Refrigeration Systems

Providing a better living environment with **air conditioning** plus **LOSSNAY** ventilation

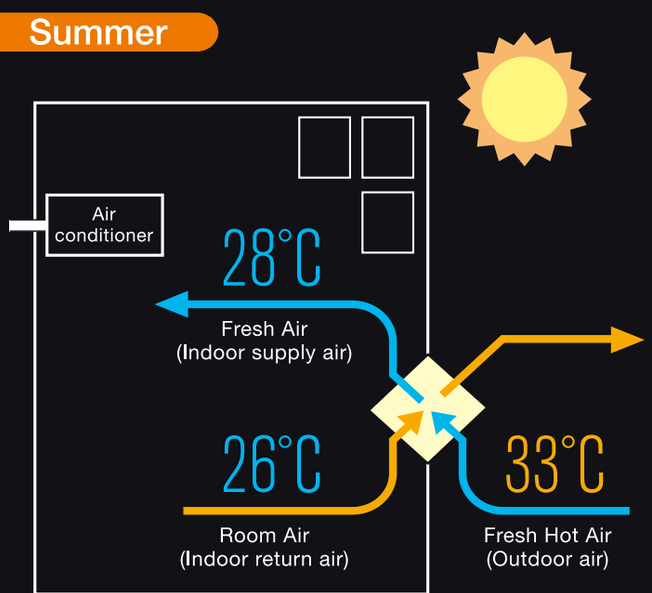
Fresh Air | **Energy Saving**

Temperature and Humidity Exchange

Good ventilation requires not only the removal of stale air, but also a fresh air supply. Fresh air is taken in from outside, but there is a difference in the temperature of the outside air and that of the air-conditioned room. **Lossnay is Mitsubishi Electric's solution providing fresh air ventilation with minimal heat loss.**

Total-Heat-Exchange Concept

Summer



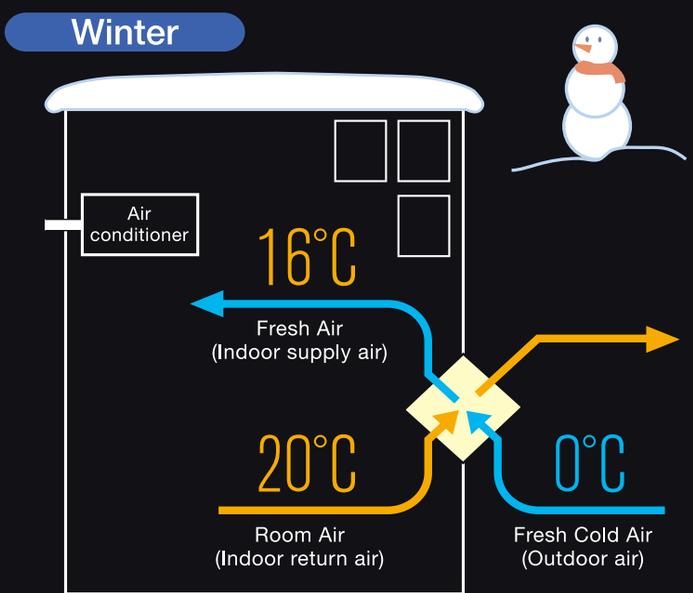
Heat recovery calculation

Indoor supply-air temperature (°C) = Outdoor temperature (°C) − {Outdoor temperature (°C) − Indoor temperature (°C)} × Temp recovery efficiency (%)

Calculation example: 28°C = 33°C − (33°C − 26°C) × 71.5%

*The above applies to the case of LGH-100RVX (fan speed 4).

Winter



Heat recovery calculation

Indoor supply-air temperature (°C) = {Indoor temperature (°C) − Outdoor temperature (°C)} × Temp recovery efficiency (%) + Outdoor temperature (°C)

Calculation example: 16°C = (20°C − 0°C) × 80% + 0°C

*The above applies to the case of LGH-100RVX (fan speed 4).