

ISK SERIES - CASSETTE TYPE SPLIT SYSTEM AIR CONDITIONERS

GENERAL

The ISK Cassette type indoor unit, together with its associated OSA outdoor unit, provides a split system air conditioner designed to provide year round comfort and economy.

Reverse Cycle (heat pump) or Cooling Only systems are available.

Applications

These units are typically installed in open office areas, receptions, shops, showrooms and other commercial and public spaces. Installed overhead, the Cassette neither uses valuable shop wall and floor space, nor incurs the extra expense of installing ducting, grilles and diffusers.

Design

The Indoor Unit is designed to be installed recessed within a level ceiling space and located centrally to take full advantage of the four way supply air pattern. Only the louvred fascia is visible to the occupant. The low profile, elegant and modern design of the indoor unit allows it to blend harmoniously with any room decor.

Swing louvre operation prevents stratified room air. Alternatively louvres can be set via the remote control to a fixed angle

Provision has been made for the ducting of supply air to a remote diffuser, e.g. around a corner. Fresh air can be ducted to the Cassette to mix with room air.

The Outdoor Unit is designed to be freestanding or wall mounted, with kit, to fit the available space.

Comfort

The Auto changeover mode allows the Reverse Cycle systems to maintain a preset comfort level by switching automatically between cooling and heating modes.

Manual control of all functions can be achieved using the convenience of a wireless remote control - including the selection of one of three fan speeds.

Economy

The air conditioner provides cooling and heating as required. On reverse cycle the system can generate up to 3 kW of heating for every 1 kW of power consumed - making it one of the most efficient forms of heating available.

The system includes the convenience and economy of a programmable start/stop timer.

The Outdoor Units are pre-charged with refrigerant - allowing for easy installation and lower associated costs.

Efficient

The Outdoor Unit incorporates a high efficiency scroll compressor. Heat exchange coils incorporate inner grooved (rifled) tube for better heat transfer.

Quiet

Because of its carefully designed fan the ISK Cassette emits only the comforting whisper of conditioned air entering the room.

The system's compressor is isolated in the Outdoor Unit's built-in, insulated compartment to minimise noise. The indoor unit is also insulated for noise attenuation.

Pre-Heat Cold Draught Protection

The system is designed to prevent cold draughts which can occur when an air conditioner first switches on to heating mode.

Ease of Servicing

The air filter is easily accessible for periodic cleaning via the cassette fascia hinged/removable return air panel.

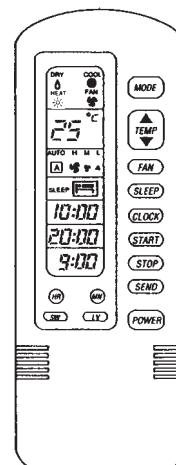
temperzone units are supplied with the assurance of full technical backup service and readily available spare parts.

Quality Outdoor Cabinet

The Outdoor Unit, made from the high quality galvanised steel finished with tough oven-cured polyester powder coating and fixed with stainless steel fasteners, is built to withstand the rigours of the weather year in and year out. The outdoor coil fins are epoxy coated for extra protection in corrosive environments, e.g. salt laden sea air.

Fingertip Control

The infra red remote control is versatile and simple to use. Its functions include - Auto, Heat, Cool, Dry, Fan and Sleep modes, powered swing louvre, on/off time clock - and manual override. Note: The Heat function is only available on Reverse Cycle systems.



Set & Forget

The ISK system includes a room temperature thermostat. The desired temperature is set on the remote control - the system does the rest. In Auto Fan mode fan speed will vary according to the room temperature and the setting temperature.

Optional Equipment

- temperzone HP Fan Speed Controller (4 amp)** - recommended where cooling is required in below 20°C ambient conditions for long periods of time.
- Wall mounting brackets for outdoor unit.

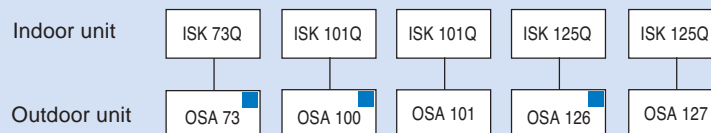
Dual-Zone Alternative

Two independently controlled ISK 73Q indoor units can be connected to one OSA 146 B twin system outdoor unit, thereby providing the ability to service two zones instead of just one.

temperzone operates an ISO 9002 certified quality management system.

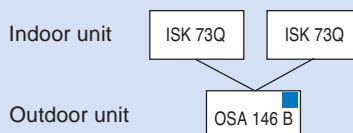
Split System Configurations

The ISK Cassette series air conditioners are available in a variety of split system configurations - Cooling Only or Reverse Cycle; Single and Three Phase systems. Refer to back page for nominal capacity figures.



Twin Split System

Service two zones with two independent thermostats



■ Single Phase System