

# HEAT RECLAIM TEMPERATURE MONITOR

ECHR

Type ECHR is a unit suitable for monitoring up to 6 temperatures. The unit monitors each temperature using individual thermistor probes.

The unit detects and indicates low heat gain temperatures when heat reclaim is required. The alarm levels and the alarm response time are adjustable.

Type ECHR provides comprehensive alarm reporting, data-logging and remote access when connected to a JTL Communications Unit.

## FEATURES

- ◆ Temperature display drive
- ◆ Non-volatile set-up memory
- ◆ Maintenance Unit socket
- ◆ Watchdog to ensure reliable operation
- ◆ Communications socket
- ◆ Data-logging memory

## HARDWARE

- ◆ Temperature probe inputs . . . . . 6
- ◆ Probe types supported . . . . . Tempkey
- ◆ Temperature display drives . . . . . 1
- ◆ Voltage-free contact outputs . . . . . 0
- ◆ Voltage-free contact inputs . . . . . 2
- ◆ Data logging memory capacity . . . . . 600 points on 6 channels



## TECHNICAL SPECIFICATION

Temperature measuring range . . . . .	-40 to + 140 C
Air handling unit supply air temperature . . . . .	Channel 1
Air handling unit return air temperature . . . . .	Channel 2
Heat reclaim coil air on temperature . . . . .	Channel 3
Heat reclaim coil air off temperature . . . . .	Channel 4
Heat reclaim coil refrigerant in temperature . . . . .	Channel 5
Heat reclaim coil refrigerant out temperature . . . . .	Channel 6
Display output . . . . .	Air off coil temperature
Unboxed Dimensions (L x W x H) . . . . .	208 x 88 x 40mm
Unboxed Weight . . . . .	0.30 kg
Power supply (standard) . . . . .	240 V 48-62 Hz
(optional) . . . . .	110 or 220 V

## ORDERING INFORMATION

ECHR . . . . . Printed Circuit board only

### Power Supply Options:

For 110 V append - 110 to order code

For 220 V append - 220 to order code

For suitable enclosures see appropriate datasheet.

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