

# Installation Guide

**NUAIRE**

Western Industrial Estate,  
Caerphilly, United Kingdom  
CF83 1XH  
Tel: 029 2088 5911  
Fax: 029 2088 7033  
Email: info@nuaire.co.uk

Leaflet No 670981

MAY 1999

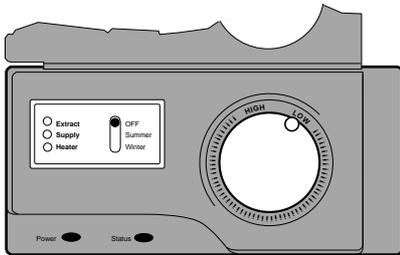
## MASTER CONTROL

*smart boxer*  
*smart squurbo*

## SSB-MASTER

**For use with: Smart Squurbo & Smart Boxer  
Balanced Supply & Extract systems**

Fan Code: Smart Squurbo SS1 to SS6 / SSE1 to SSE6  
Smart Boxer SBS1-E/L & SBS2-E/L SBEX1 & SBEX2



**SSB-MASTER**

### Basic connection instructions:

- 1 Check the Unit codes and the Control codes match the above details.
- 2 Using the SELV cable supplied, connect the Master Control to the Smart Squurbo or Boxer supply fan unit.
- 3 Using the SELV cable supplied, connect the supply fan to the Extract fan. (Note the sockets are located in the customer connection boxes for Squurbo and in the fan mounted control modules on Boxer.
- 4 Connect the both fan units to the 230v mains supply.

### THE SYSTEM CAN NOW BE USED

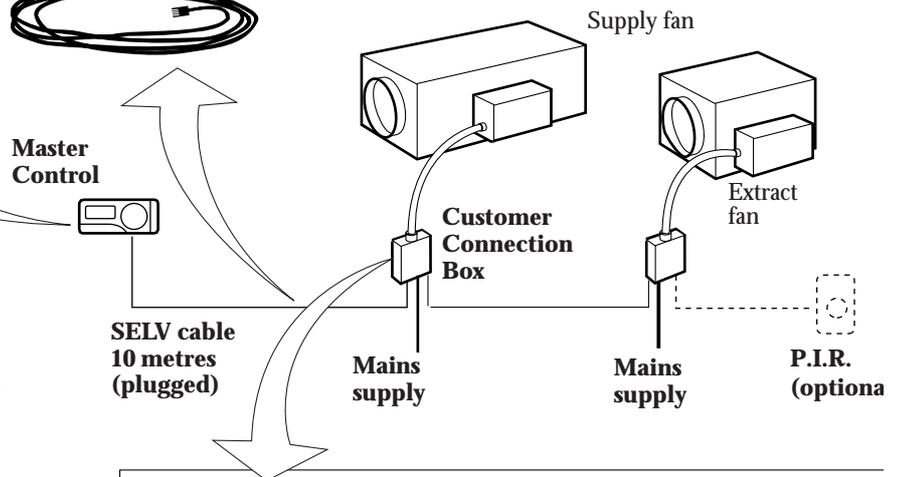
Note:

Refer to your Installation Guide (Leaflet No. 670820 Squurbo & Leaflet No. 670889 Boxer) for details of the control features / connecting additional components /trouble shooting etc.

### S.E.L.V. CABLE



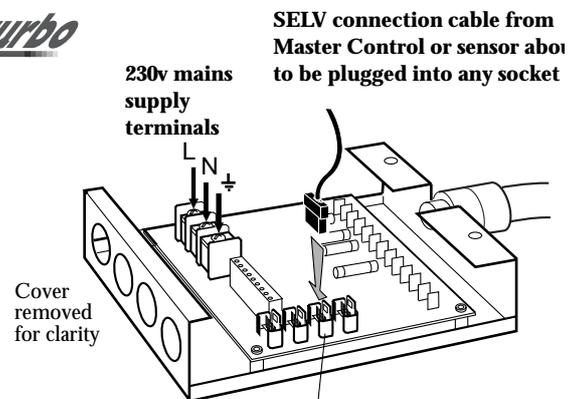
### FANS (squurbo shown)



### CUSTOMER CONNECTIONS

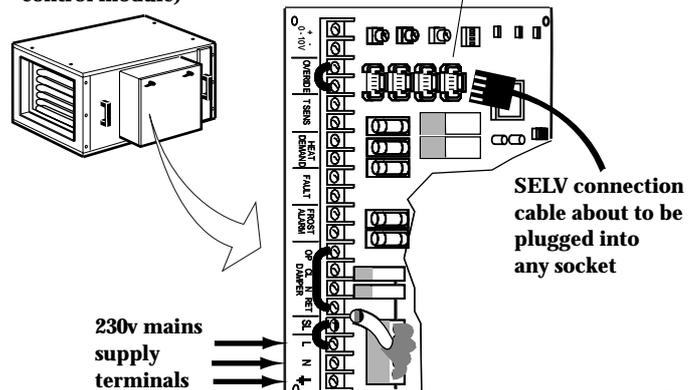
*smart squurbo*

(In customer connection Box)



*smart boxer*

(In case mounted control module)



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Contact our helpline

**029 2085 8585**

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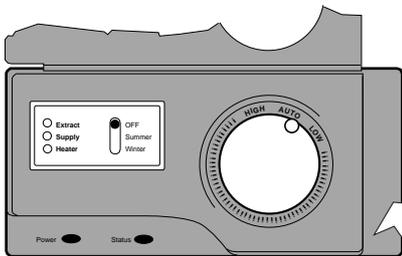
Leaflet No 670983

MAY 1999

## MASTER CONTROL

*smart boxer*  
*smart squurbo*

### SSB-MASTER-A



#### SSB-MASTER-A

#### Basic connection instructions:

- 1 Check the Unit code and the Control code match the above details.
- 2 Using the SELV cable supplied, plug the Master Control into the Smart Scurbo fan connection box or Smart Boxer Control module.
- 3 Using the SELV cable supplied, link the two fans together using two more input sockets.
- 4 Using the SELV cable supplied with the Sensor, plug the sensor into one of the remaining sockets of either fan.
- 5 Connect the 230v mains supply to the Smart Scurbo supply and extract units.

#### THE SYSTEM CAN NOW BE USED

Note:  
Refer to your Installation Guides (Leaflet No. 670820 & 670778 Scurbo & Leaflet No. 670889 and 670890 Boxer) for details of the control features/connecting additional components/trouble shooting etc.

For use with: Smart Scurbo & Smart Boxer balanced **SUPPLY & EXTRACT** systems.

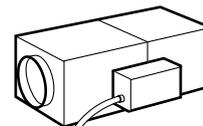
Fan Codes: **Scurbo** SS1 to SS6 supply units & SSE1-CO2 to SSE6-CO2 extract units  
**Boxer** SBS1-L/E and SBS2-L/E supply units & SBEX1-CO2 and SBEX2-CO2 extract units

#### S.E.L.V. CABLE



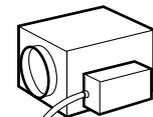
Master Control

SELV cable 10 metres (plugged)



Supply fan + heater

**FANS (scurbo shown)**



Extract fan + CO2 Sensor

Customer Connection Boxes

Mains supply

Sensors: (Temp / PIR optional)

Mains supply

### CUSTOMER CONNECTIONS

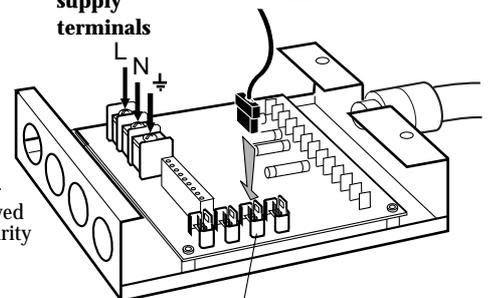
*smart squurbo*

(In customer connection Box)

230v mains supply terminals

SELV connection cable from Master Control / Sensor about to be plugged into any socket

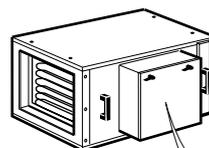
Cover removed for clarity



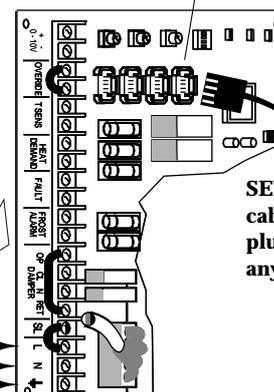
Master Control / Sensor sockets (4 inputs, any socket may be used)

*smart boxer*

(In case mounted control module)



230v mains supply terminals



SELV connection cable about to be plugged into any socket

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Email: info@nuaire.co.uk

Leaflet No 670982

MAY 1999

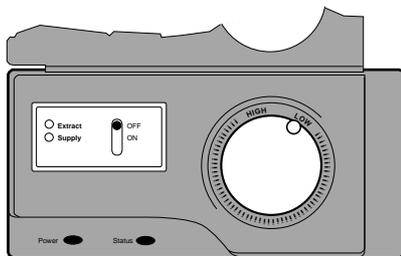
## MASTER CONTROL

*smart boxer*  
*smart sQurbo*

## SSB-MASTER-NH

For use with: Smart Sqrbo & Smart Boxer  
Balanced Supply & Extract systems

Fan Code: Smart Sqrbo SS1-NH to SS6-NH / SSE1to SSE6  
Smart Boxer SBS1 to SBS2 / SBEX1to SBEX2



**SSB-MASTER-NH**

### Basic connection instructions:

- 1 Check the Unit codes and the Control codes match the above details.
- 2 Using the SELV cable supplied, connect the Master Control to the Smart Sqrbo supply fan unit. (Note the sockets are located in the customer connection boxes.
- 3 Using the SELV cable supplied, connect the supply fan to the Extract fan. (Note the sockets are located in the customer connection boxes.
- 4 Connect both fan units to the 230v mains supply.

### THE SYSTEM CAN NOW BE USED

Note:

Refer to your Installation Guide (Leaflet No. 670820 Smart Sqrbo Supply & Leaflet No. 670778 Smart Sqrbo Extract) for details of the control features / connecting additional components /trouble shooting etc.

### S.E.L.V. CABLE

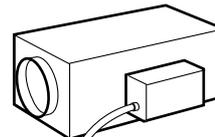


Master Control

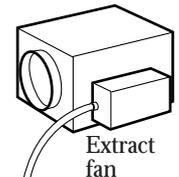


SELV cable  
10 metres  
(plugged)

### FANS (sqrbo shown)



Supply fan  
(no heater)



Extract fan

Customer Connection Box

Mains supply

Mains supply

P.I.R.  
(optional)

## CUSTOMER CONNECTIONS

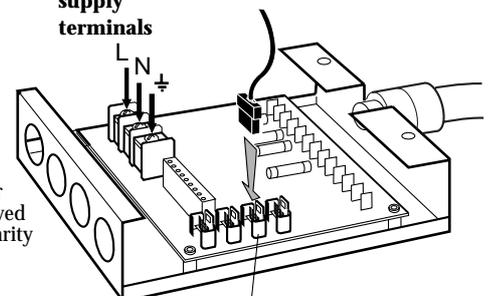
*smart sQurbo*

(In customer connection Box)

230v mains supply terminals

SELV connection cable from Master Control / Sensor about to be plugged into any socket

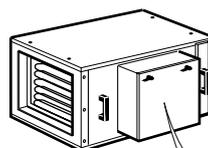
Cover removed for clarity



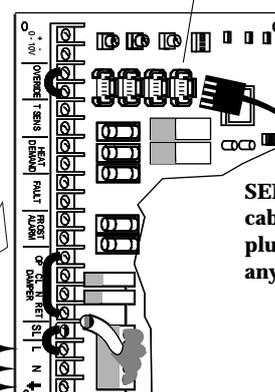
Master Control / Sensor sockets (4 inputs, any socket may be used)

*smart boxer*

(In case mounted control module)



230v mains supply terminals



SELV connection cable about to be plugged into any socket

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Leaflet No 670984

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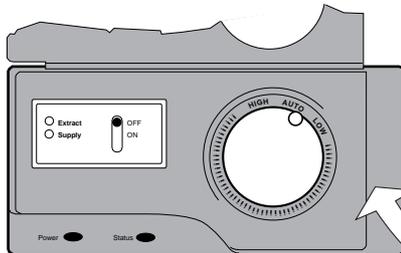
## MASTER CONTROL

*smart boxer*  
*smart squurbo*

## SSB-MASTER-NH-A

For use with: Smart Squurbo & Smart Boxer  
balanced SUPPLY (no heat) & EXTRACT

Fan Codes: Squurbo SS1-NH to SS6-NH / SSE1-CO2 to SSE6-CO2  
Boxer SBS1 to SBS2 / SBEX1-CO2 to SBEX2-CO2



SSB-MASTER-NH-A

### Basic connection instructions:

- 1 Check the Unit code and the Control code match the above details.
- 2 Using the SELV cable supplied, plug the Master Control into the Smart Squurbo fan connection box.
- 3 Using the SELV cable supplied, link the two fans together using two more input sockets.
- 4 Using the SELV cable supplied with the Sensor, plug the sensor into one of the remaining sockets of either fan.
- 5 Connect the 230v mains supply to the Smart Squurbo supply and extract units.

### THE SYSTEM CAN NOW BE USED

Note:  
Refer to your fan Installation Guides (Leaflet No. 670820 Supply & 670778 Extract for details of the control features/connecting additional components/trouble shooting etc.

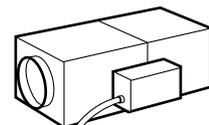
### S.E.L.V. CABLE



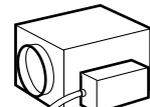
Master Control

SELV cable 10 metres (plugged)

### FANS



Supply fan (no heater)



Extract fan + CO2 sensor



Mains supply

Sensors: (Temp / P.I.R. optional)

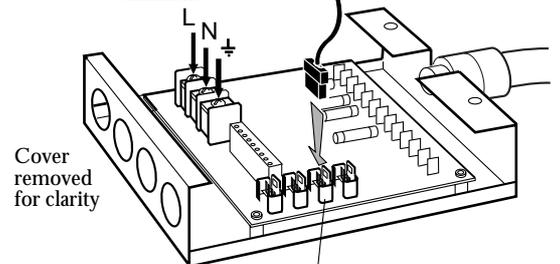
Mains supply

## CUSTOMER CONNECTIONS

*smart squurbo*

(In customer connection Box)

230v mains supply terminals



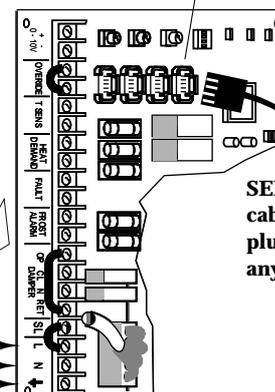
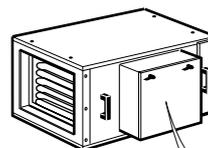
SELV connection cable from Master Control / Sensor about to be plugged into any socket

Cover removed for clarity

Master Control / Sensor sockets (4 inputs, any socket may be used)

*smart boxer*

(In case mounted control module)



SELV connection cable about to be plugged into any socket

230v mains supply terminals

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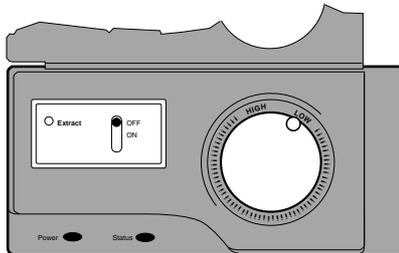
Leaflet No 670977

MAY 1999

## MASTER CONTROL

*smart boxer*  
*smart squurbo*

## SSE-MASTER



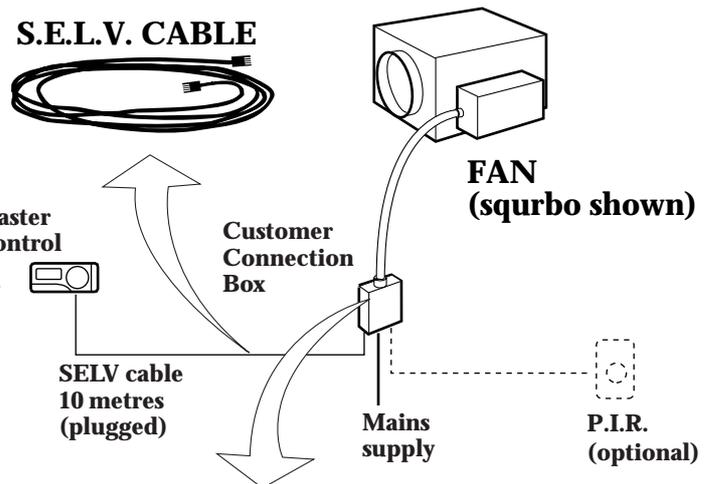
**SSE-MASTER**

For use with:  
**Smart Squurbo EXTRACT unit**  
**Smart Boxer EXTRACT unit**

Fan Codes : Squurbo SSE1 to SSE6    Boxer SBEX1 & SBEX2

### Basic connection instructions:

- 1 Check the Unit code and the Control code match the above details for Smart Squurbo or Smart Boxer.
- 2 Using the SELV cable supplied, plug the Master Control into the Smart Squurbo fan connection box (or Smart Boxer Control Module).
- 3 Using the SELV cable supplied with the Sensor, plug the sensor into one of the remaining sockets in the Smart Squurbo fan connection box (or Smart Boxer Control Module).
- 4 Connect the 230v mains supply to the Smart Squurbo or Smart Boxer terminals as shown.



### THE SYSTEM CAN NOW BE USED

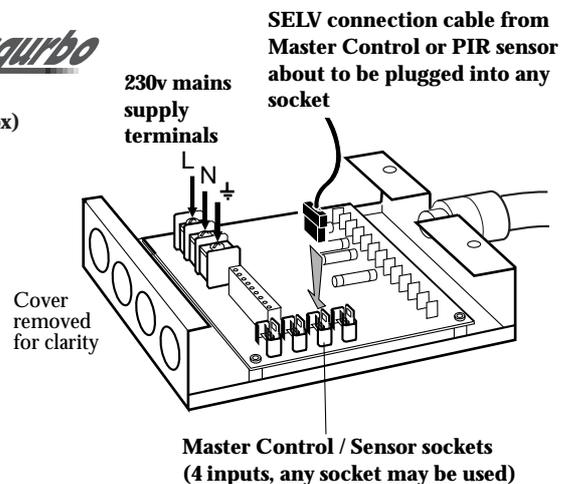
Note:

Refer to your Installation Guide (Leaflet No. 670778 Squurbo & Leaflet No. 670890Boxer) for details of the control features / connecting additional components / trouble shooting etc.

### CUSTOMER CONNECTIONS

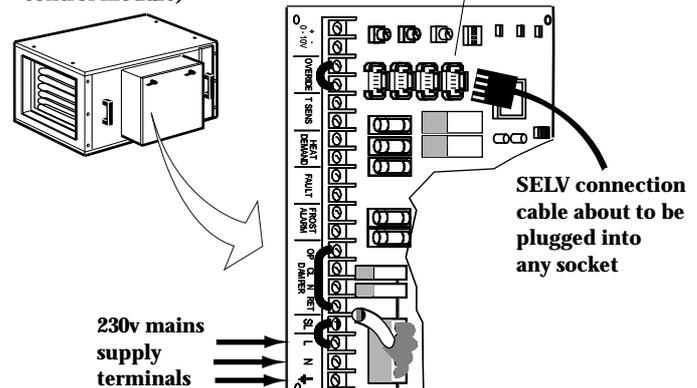
*smart squurbo*

(In customer connection Box)



*smart boxer*

(In case mounted control module)



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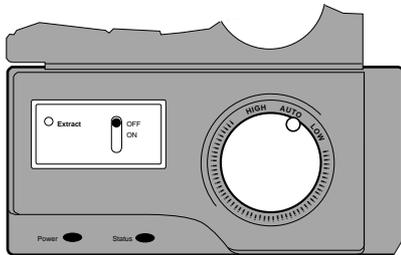
Leaflet No 670978

MAY 1999

## MASTER CONTROL

*smart boxer*  
*smart sQurbo*

### SSE-MASTER-A



**SSE-MASTER-A**

### Basic connection instructions:

- 1 Check the Unit code and the Control code match the above details for Smart Scurbo or Smart Boxer.
- 2 Using the SELV cable supplied, plug the Master Control into the Smart Scurbo fan connection box (or Smart Boxer Control Module).
- 3 Using the SELV cable supplied with the Sensor, plug the sensor into one of the remaining sockets in the Smart Scurbo fan connection box (or Smart Boxer Control Module).
- 4 Connect the 230v mains supply to the Smart Scurbo or Smart Boxer terminals as shown.

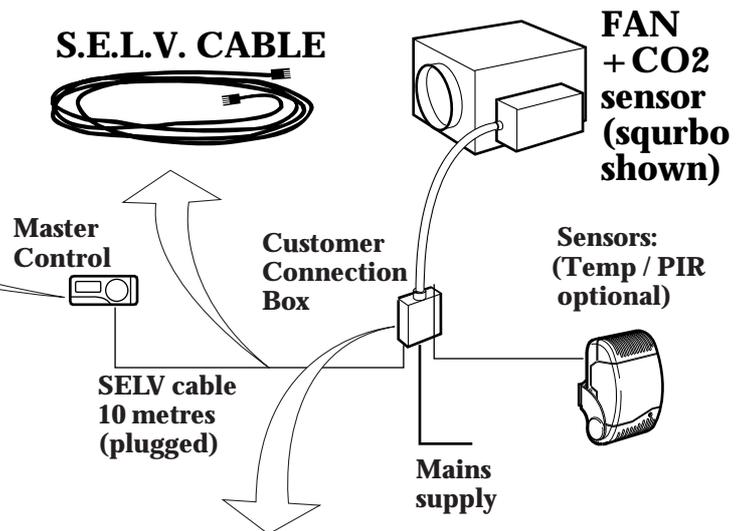
### THE SYSTEM CAN NOW BE USED

Note:

Refer to your Installation Guide (Leaflet No. 670778 Smart Scurbo Extract & Leaflet No. 670890 Smart Boxer Extract) for details of the control features / connecting additional components / trouble shooting etc.

For use with:  
**Smart Scurbo & Smart Boxer EXTRACT units**

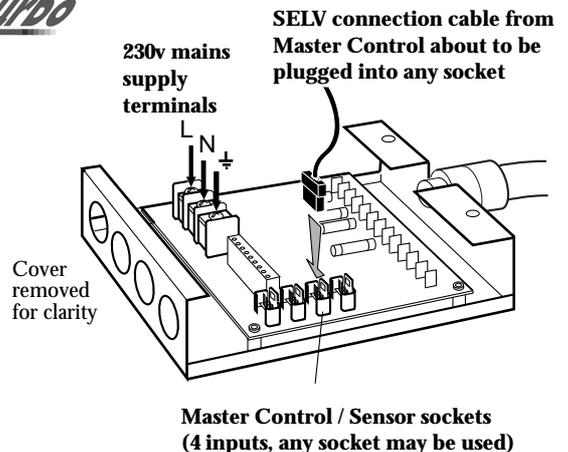
Fan Codes : Scurbo SSE1-CO2 to SSE6 -CO2  
Boxer SBEX1-CO2 & SBEX2-CO2



### CUSTOMER CONNECTIONS

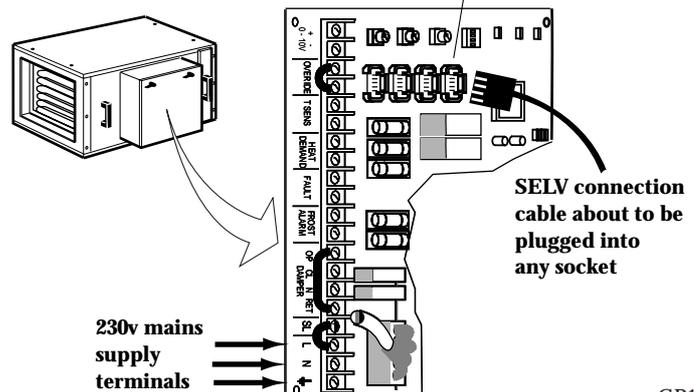
*smart sQurbo*

(In customer connection Box)



*smart boxer*

(In case mounted control module)



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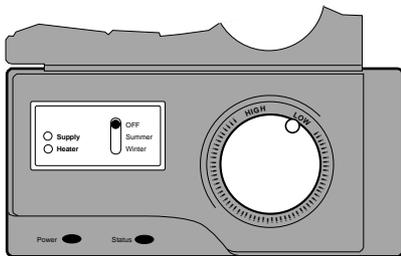
Leaflet No 670975

MAY 1999

## MASTER CONTROL

*smart boxer*  
*smart sQurbo*

### SS-MASTER



**SS-MASTER**

For use with:  
Smart SQurbo SUPPLY unit /  
Smart Boxer SUPPLY unit

Fan Code: SQurbo SS1 to SS6 / Boxer SBS1-E/L & SBS2-E /L

### Basic connection instructions:

- 1 Check the Unit code and the Control code match the above details.
- 2 Using the SELV cable supplied connect the Master Control to the Smart SQurbo or Smart Boxer fan unit.
- 3 Connect the Smart SQurbo or Smart Boxer fan unit to the 230v mains supply.

### THE SYSTEM CAN NOW BE USED

Note:  
Refer to your Installation Guide (Leaflet No. 670820 SQurbo & Leaflet No. 670889 Boxer) for details of the control features / connecting additional components / trouble shooting etc.

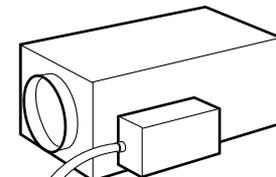
#### S.E.L.V. CABLE



Master Control



SELV cable  
10 metres  
(plugged)



FAN (sQurbo shown)

Customer  
Connection  
Box

Mains  
supply



P.I.R.  
(optional)

### CUSTOMER CONNECTIONS

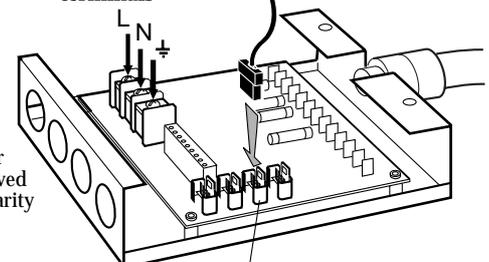
*smart sQurbo*

(In customer  
connection Box)

230v mains  
supply  
terminals

SELV connection cable from  
Master Control / Sensor  
about to be plugged into any  
socket

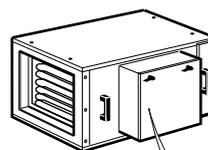
Cover  
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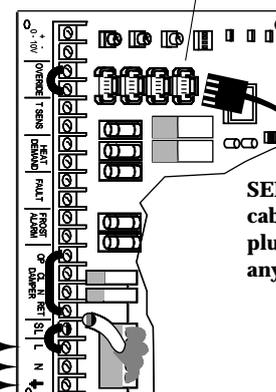
Master Control / Sensor sockets  
(4 inputs, any socket may be used)

*smart boxer*

(In case mounted  
control module)



230v mains  
supply  
terminals



SELV connection  
cable about to be  
plugged into  
any socket

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Leaflet No 670979

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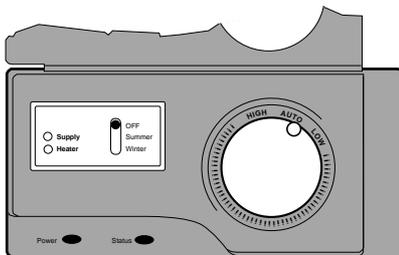
## MASTER CONTROL

*smart boxer*  
*smart sQurbo*

## SS-MASTER-A

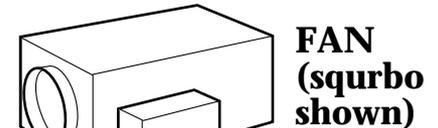
For use with: Smart SQurbo & Smart Boxer  
SUPPLY units

Fan Codes: SQurbo SS1 to SS6 / Boxer SBS1 to SBS2



SS-MASTER-A

### S.E.L.V. CABLE



FAN  
(sQurbo  
shown)

Master  
Control



Customer  
Connection  
Box

SELV cable  
10 metres  
(plugged)

Mains  
supply

Sensors:  
(Temp / PIR  
optional)



## Basic connection instructions:

- 1 Check the Unit code and the Control code match the above details.
- 2 Using the SELV cable supplied, plug the Master Control into the Smart SQurbo fan connection box.
- 3 Using the SELV cable supplied with the Sensor, plug the sensor into one of the remaining sockets.
- 4 Connect the 230v mains supply to the Smart SQurbo fan unit.

## THE SYSTEM CAN NOW BE USED

Note:  
Refer to your Installation Guide (Leaflet No. 670820 Smart SQurbo & 670889 Smart Boxer for details of the control features / connecting additional components /trouble shooting etc.

## CUSTOMER CONNECTIONS

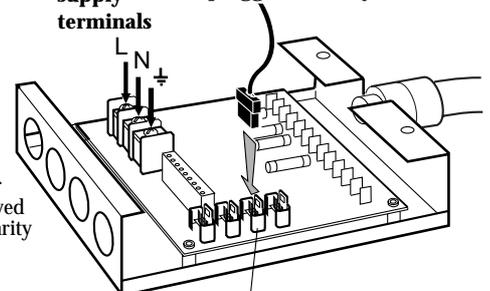
*smart sQurbo*

(In customer connection Box)

230v mains supply terminals

SELV connection cable from Master Control about to be plugged into any socket

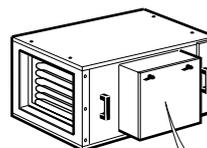
Cover removed for clarity



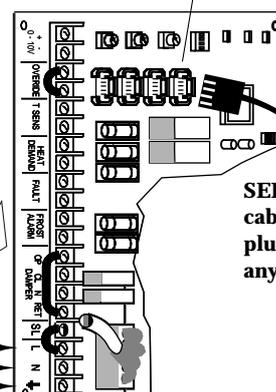
Master Control / Sensor sockets (4 inputs, any socket may be used)

*smart boxer*

(In case mounted control module)



230v mains supply terminals



SELV connection cable about to be plugged into any socket

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Fax: 029 2088 7033  
Email: info@nuaire.co.uk

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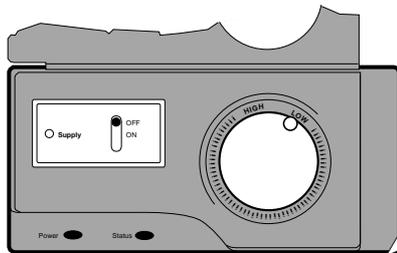
## MASTER CONTROL

*smart boxer*  
*smart sQurbo*

## SS-MASTER-NH

For use with: Smart Sqrbo & Smart Boxer  
SUPPLY units (no heaters).

Fan Code: Sqrbo SS1-NH to SS6 -NH  
Boxer SBS1 to SBS2



SS-MASTER-NH

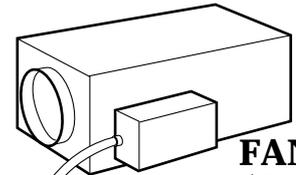
### S.E.L.V. CABLE



Master Control



SELV cable  
10 metres  
(plugged)



FAN  
(Sqrbo  
shown)

Customer  
Connection  
Box

Mains  
supply

P.I.R.  
(optional)

### Basic connection instructions:

- 1 Check the Unit code and the Control code match the above details.
- 2 Using the SELV cable supplied connect the Master Control to the Smart Sqrbo fan unit.
- 3 Connect the Smart Sqrbo fan unit to the 230v mains supply.

### THE SYSTEM CAN NOW BE USED

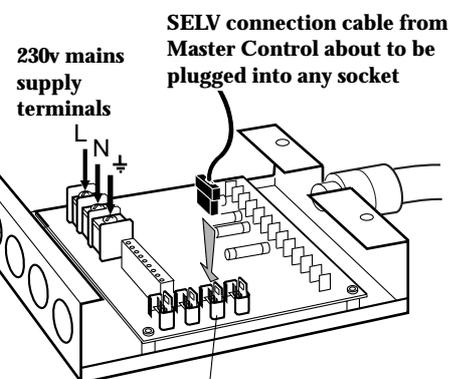
Note:

Refer to your Installation Guide (Leaflet No. 670820 Smart Sqrbo & 670889 Smart Boxer) for details of the control features / connecting additional components / trouble shooting etc.

### CUSTOMER CONNECTIONS

*smart sQurbo*

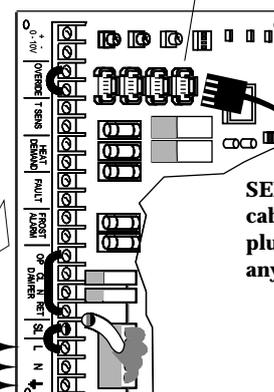
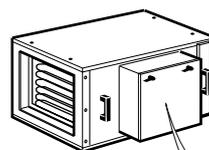
(In customer connection Box)



Master Control / Sensor sockets  
(4 inputs, any socket may be used)

*smart boxer*

(In case mounted control module)



SELV connection cable about to be plugged into any socket

230v mains supply terminals

TECHNICAL SUPPORT  
Contact our helpline

029 2085 8585

# Installation Guide

**NUAIRE**

Western Industrial Estate,  
Caerphilly, United Kingdom  
CF83 1XH  
Tel: 029 2088 5911  
Fax: 029 2088 7033  
Email: info@nuaire.co.uk

Leaflet No 670980

MAY 1999

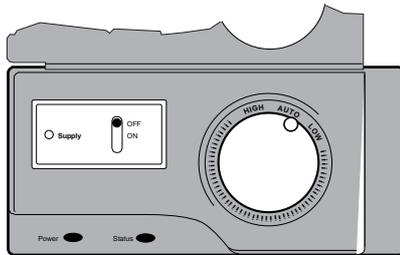
## MASTER CONTROL

*smart boxer*  
*smart sQurbo*

## SS-MASTER-NH-A

For use with: Smart SQurbo & Smart Boxer  
SUPPLY units.

Fan Codes: SQurbo SS1-NH to SS6-NH  
Boxer SBS1 to SBS2

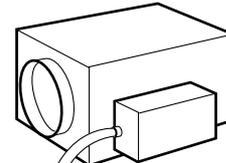


SS-MASTER-NH-A

### S.E.L.V. CABLE



FAN  
(sQurbo  
shown)



Master  
Control



Customer  
Connection  
Box

SELV cable  
10 metres  
(plugged)

Mains  
supply

Sensors:  
(Temp. / PIR  
optional)



## Basic connection instructions:

- 1 Check the Unit code and the Control code match the above details.
- 2 Using the SELV cable supplied, plug the Master Control into the Smart SQurbo fan connection box.
- 3 Using the SELV cable supplied with the Sensor, plug the sensor into one of the remaining sockets.
- 4 Connect the 230v mains supply to the Smart SQurbo fan unit.

## THE SYSTEM CAN NOW BE USED

Note:  
Refer to your Installation Guide (Leaflet No. 670820 Smart SQurbo Supply & 670889 Smart Boxer Supply) for details of the control features / connecting additional components / trouble shooting etc.

## CUSTOMER CONNECTIONS

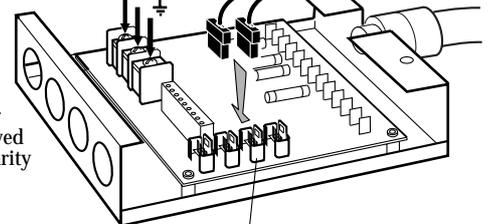
*smart sQurbo*

(In customer connection Box)

230v mains supply terminals

SELV connection cable from Master Control and sensor about to be plugged into any socket

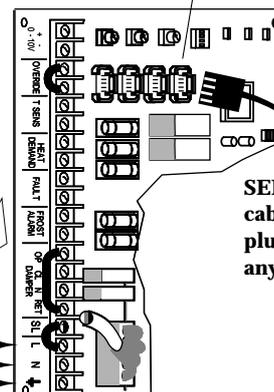
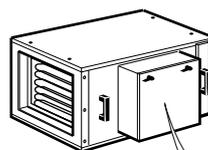
Cover removed for clarity



Master Control / Sensor sockets (4 inputs, any socket may be used)

*smart boxer*

(In case mounted control module)



SELV connection cable about to be plugged into any socket

230v mains supply terminals

TECHNICAL SUPPORT  
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