



# HEATLINE

Duct Mounted Electric Heater Battery with integral Controls



LCD Room Unit  
(CP Option)



Combine with  
ECOBox, fans and  
filters for efficient  
heat recovery

The VES HEATLINE Duct Mounted Electric Heater Battery brings new versatility to existing and new ventilation installations. Intelligent control options can synchronise with a BMS or LCD room unit. Coupled with a Thyristor heater, this is the ideal solution to accurately heat individual rooms. HEATLINE is also both simple to install and maintain.



### Features

- Thyristor heater for modulating output
- Integrated controls for response to BMS
- Optional versatile LCD room unit with built in sensor and timers for independent self control
- Easy installation to existing or new ductwork systems
- Suitable for circular (HLC) and square ducts (HLD) in various sizes
- Extensive built-in safety features
- Single or three phase supply options

Use with a range of VES supply units, notably the **VES ECOBox**, filter and fan kits for compact and efficient heat recovery.

### Specification

#### BMS Option - 0-10Vdc from remote source

- Volt free enable run and trip indication
- 1ph or 3ph phase Thyristor heater
- Fan control up to 4A 230VAC @ 50Hz
- Main isolating switch with lockable handle and panel live indicator
- Independent safety circuitry
- Factory fitted safety interlock airflow pressure and thermal cut-out switches

#### CP Option - LCD Room Unit

As BMS Option PLUS...

- LCD room unit with built-in room sensor and temperature adjustment
- On/Off/Auto control
- Time clock setup and fan overrun timer adjustment
- Fault display
- Adjustable commissioning and control parameters
- Tamperproof locking room unit with PIN access
- Optional sensor for constant duct temperature control

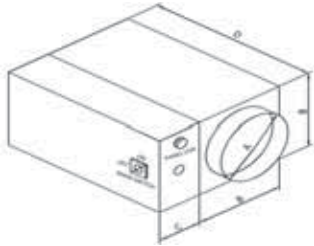
Product <small>Square ducting (HLD) Circular ducting (HLC)</small>	Duct Size	kW	Thyristor Heater Phases	Control Options
HLC	100 to 600	/0.5kW to /32kW	/1x1 or /1x3	/BMS or /CP
HLD	100 to 600	/0.5kW to /32kW	/1x1 or /1x3	/BMS or /CP



Tel: 0800 31 66 000  
[www.vesdirect.co.uk](http://www.vesdirect.co.uk)

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## Duct Mounted Electric Heater



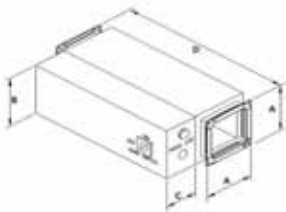
A (Duct Dia.)	B (Height)	C (Control Box)	D (Length)
100	185	120	550
150	203	120	550
200	240	120	550
250	290	120	550
315	355	120	550
400	440	120	550
450	490	120	550
560	600	120	550
600	670	120	550

All dimensions in millimetres



A (Duct Dia.)	B (Height)	C (Control Box)	D (Length)
200	200	122	630
250	250	122	630
315	315	122	630
400	400	122	630
450	450	122	630
560	560	122	630
600	600	122	630

All dimensions in millimetres



A (Duct Dia.)	B (Height)	C (Control Box)	D (Length)
100	185	122	630
150	185	122	630

All dimensions in millimetres

Product Square ducting (HLC) Circular ducting (HLD)	Duct Size	kW	Thyristor Heater Phases	Control Options
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HLD	100 to 600	/0.5kW to /32kW	/1x1 or /1x3	/BMS or /CP

### 1ph Thyristor Options

Duct Size	kW Rating	Duct Size	kW Rating
100	0.5kW	250	2kW
	1kW		3kW
	1.5kW		4.5kW
	2kW		6kW
150	1kW	315	3kW
	1.5kW		4.5kW
	2kW		6kW
	2.5kW		7.5kW
200	1kW	400	3kW
	1.5kW		4.5kW
	2kW		6kW
	3kW		7.5kW
	4.5kW		9kW

### 3ph Thyristor Options

Duct Size	kW Rating	Duct Size	kW Rating
150	3kW	450	6kW
200	3kW		7.5kW
	4.5kW		9kW
250	3kW	560	12kW
	4.5kW		15kW
	6kW		18kW
	9kW		21kW
315	3kW	600	24kW
	4.5kW		27kW
	6kW		15kW
	7.5kW		18kW
	9kW		21kW
400	4.5kW		24kW
	6kW		27kW
	7.5kW		32kW
	9kW		
	12kW		
	15kW		



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