



APPLICATIONS

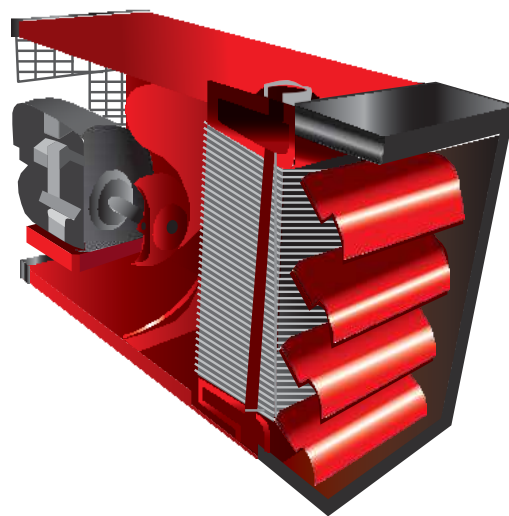
Thermolier Unit Heaters are part of a fan driven hot air heating system which utilises heat exchange technology to keep cost at bay. Units are available in horizontal and downflow configurations for use with steam or hot water. Front louvers and careful siting of the units gives exceptionally fast warm up and practical heat control in large spaces and, the fact that the units require little or no maintenance gives a clear indication of their ruggedness and efficiency.

High ceiling locations inevitably benefit from Thermolier as part of an effective heating solution. Easy to install and control, features include improved air circulation, moisture resistance and no need for wall space.

Ducting can also be connected to the rear of the unit to draw fresh air from outside the building or to the front for distribution through a ceiling void or partition to the working area. The Thermolier Design Team will design a Thermolier Installation to suit customers' individual requirements. Turnbull & Scott also offer a full installation package including boiler house design if required.

FEATURES

- Provides high output and quick pre-heating
- Low installation costs
- Simple zone control
- Neat unobtrusive appearance
- Compact design
- Over 500 variants available
- Motors are available in a range of speeds
- Flameproof motors are available ex-stock



DESIGN AND INSTALLATION

The Thermolier Design Team will design a Thermolier Installation to suit every customers' individual requirements. Turnbull & Scott also offers a full installation package including boiler house design if required.

Order Hotline: 01450 372103

BENEFITS

- Three year guarantee
- Installation and design service ensures correct selection
- Thick wall copper tubes which provide longer life
- Superior tube to fin bond ensures high performance
- Ferruled tube to header joint uses thermal expansion to ensure a tight joint
- Boiler plate header channels eliminate warping or damage when piping up
- Variety of gill spacing allows greater selection of leaving air temperatures
- Deep blade propeller type fan dynamically balanced quiet and efficient operation
- Totally enclosed B.S motors used with 'sealed for life' ball bearings require no maintenance
- Two coat stove enamelled zintec casing resists corrosion
- The fan guard is 'fingerproof' and does not need to be removed to make electrical connections to the motor

TECHNICAL DATA

The casing is constructed from 1mm thick zinc coated steel to BS.1449. The body and louvers are stove enamel finished in post office red with the louvre box and fan guard black. Overall Thermolier dimensions/weight and inlet connections vary, dependent upon customer requirements. However, please feel free to contact us for product selection assistance on +44 (0)1450 372 053.

The heater battery is constructed using 15mm outside diameter specifically made thick walled copper tubes to BS.2870 grade C106. The gills are 0.35mm thick aluminium to B.S.1470. The boiler plate header channels are 8mm thick steel to BS.1501-161-430B. Eyebolts are secured to lugs welded directly to the headers. The battery is hydraulically tested to 25 bar for not less than five minutes. Motor and fan assembly is a continuously rated, totally enclosed air over motor type with 1P44 protection against the penetration of dust and moisture into the windings.

Model	RPM	Mounting Height Vertical (mm)	Mounting Height Horizontal (mm)	Apperture size (WxH) (mmxmm)	Depth (mm)	Coverage (mm)	Volume (m3/sec)	Velocity (m/s)	Weight (kg)	Trade Price
LPHW123	1425	3000-3700	2400-4300	345x345	565	7500	0.295	3.0	35	£550
LPHW223	1425	3300-4000	3000-5200	425x425	565	12000	0.515	4.0	40	£650
LPHW323	1425	3300-4000	3400-4600	500x500	565	15000	0.880	4.5	50	£720
LPHW423	930	4300-5500	4300-6400	575x575	565	15000	1.040	4.0	70	£900
LPHW523	930	5000-6000	5000-7000	650x650	565	18500	1.495	4.5	75	£1010
STEAM123	11425	3000-3700	2400-4300	345x345	565	7500	0.295	3.0	35	£705
STEAM223	1425	3300-4000	3000-5200	425x425	565	12000	0.515	4.0	40	£825
STEAM323	1425	3300-4000	3400-4600	500x500	565	15000	0.880	4.5	50	£930
STEAM423	930	4300-5500	4300-6400	575x575	565	15000	1.040	4.0	70	£1120
STEAM523	930	5000-6000	5000-7000	650x650	565	18500	1.495	4.5	75	£1300

Prices are based on horizontal output, for downflow units, please contact our sales team.

Order Faxline: 01450377800