



# ATC OVERDOOR HEATER

## INSTALLATION, OPERATION & MAINTENANCE MANUAL

Thank you for purchasing this ATC WEL3000 3kw Overdoor Heater.  
Please read these instructions carefully before use

### Specifications

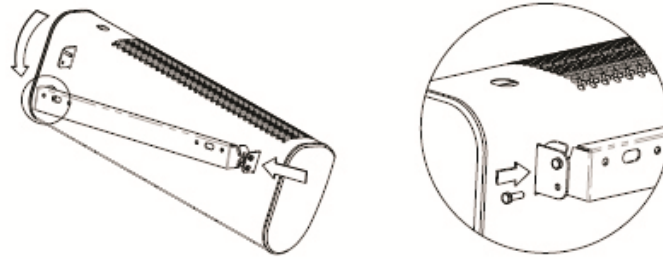
Dimensions (LxWxH) mm	618x139x221	
Voltage (V~)	220-240	
Frequency (Hz)	50	
Motor Power (w)	High	40
	Low	15
Heating Power (kW)	High	3
	Low	1.5
Air Volume (m <sup>3</sup> /h)	High	240
	Low	120
Air Speed (m/s)	4 (max)	
Settings	Off/Ambient/1500w/3000w	
External control	Yes – 5v DC contact	
Temp Rise ( $\Delta t^{\circ}\text{C}$ )	30-50	
Noise level (dB)	40 $\pm$ 3 db @1.5m	
Weight (Kg)	6.8	
Insulation Class	1	
Ingress Protection	IP20	
Approvals	CE	

### Precautions for Installation

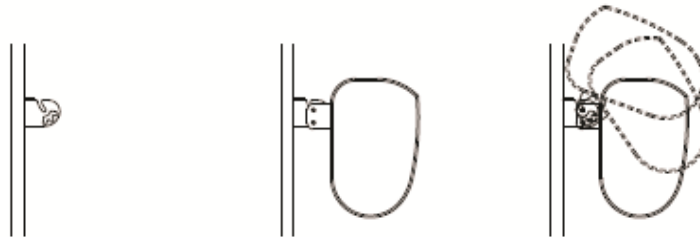
- Operating conditions for the WEL3000 overdoor heater: Installation below 1000m altitude; Operating temperature is between -10°C and +40°C; Relative humidity of  $\leq 90\%$ . Indoor use only
- This overdoor heater must be mounted in a solid structurally sound location to prevent excessive vibration.
- This overdoor heater is not suitable for use in locations with high temperatures, high humidity, explosive atmospheres, corrosive substances or any other location where gases or fine powder is present in the air. This may damage internal components or insulation
- This heater must not be recessed into ceilings or be built into bulkheads.
- Do not touch the outlets of the overdoor heater when it is running as they may be hot and could possibly cause burns.
- Do not obstruct either the inlet or outlet of the overdoor heater.
- Clean all the dust from the heater every month to ensure smooth operation.

## Installation

- Remove the mounting plate from the Overdoor heater and fix it to the wall above the doorway with fixings capable of supporting the weight of the heater (Not Supplied). Ensure the Hook on the bracket is pointing upwards



- Confirm the mounting plate is firmly attached to the wall and then attach the Heater to the bracket by inserting the heater into the end of the bracket with 2 fixed screws. Hook the other end of the bracket into the heater and insert the locking screw into the bracket and tighten the screw.
- The heater can be mounted in 3 different angles, choose the most appropriate one for your installation.

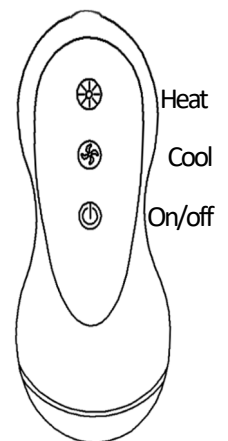


- Wire heater to single phase supply with a local isolator or fused spur.
- The WEL3000 heater has an open contact (terminals 4 &5) to allow a thermostat or timedock to run the heater automatically. The heater needs to be turned on from the remote or the controls on the heater to your preferred setting for the contact to operate automatically.

The Control contact is a 5v DC contact please use a cable .0.5mm<sup>2</sup> or larger, a PG9 Gland has been provided for this purpose.

## Operation

- Press the ON/OFF button on the remote control or heater to start the overdoor heater without heat.
  - When the unit is running, press HEAT on the remote control, the overdoor heater will beep and switch from ambient to half heat and will display a red light on the overdoor heater.
  - Press the HEAT button again to switch to high heat, the unit will beep again and show TWO Red lights on the overdoor heater.
  - To switch the heat off press "HEAT" button again, the unit will switch off the heating element the red lights will change to green light on the overdoor heater .
- You can also use the COOL button to go from full to half to ambient
- Press ON/OFF to start and stop the overdoor heater with ambient air.
  - Press Heat and Cool to change between heat settings and ambient
  - When turning the unit off the overdoor heater will run on ambient to cool the elements for three minutes and then shut down automatically.



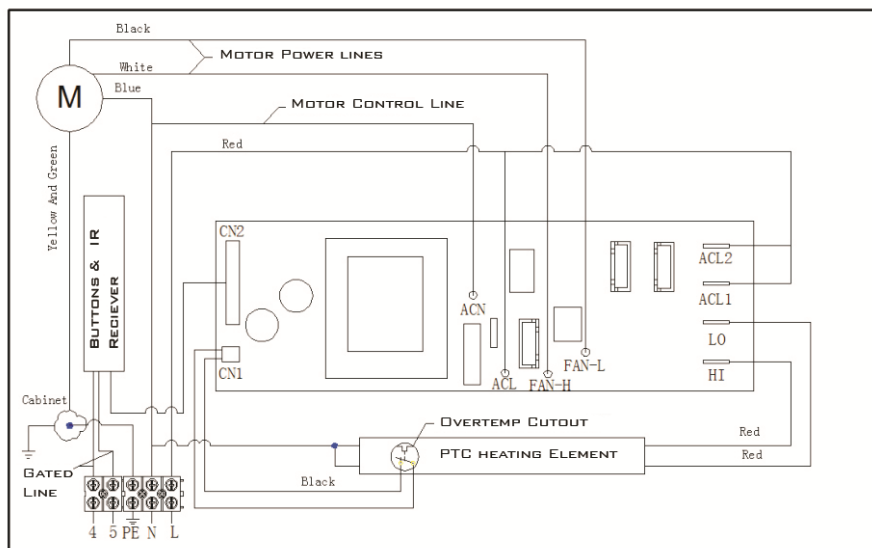
## Automatic operation

- Connect the contact of your controlling device across terminals 4 and 5,
- Activate the heater with either the remote control or buttons on the unit to your preferred setting.
- Once the contact changes state the over heater will enter cool down mode and then switch off. It will return to the previous mode of operation once the contact changes state again.

## Warning

- The Overdoor heater must be supplied with the voltage stated on the ratings label. Failure to use correct voltage will invalidate the warranty and will damage the heater.
- Ensure power is isolated prior to installation and maintenance.
- Clean the inlet and outlet every month to prevent dust build up.
- Do not use any chemical cleaners to maintain the overdoor heater,
- Do not get water or any other liquid inside the overdoor heater as this will damage the unit and invalidate the warranty. .
- Unit must be installed by a suitably qualified electrician
- A switched spur should be used with more than 3mm contact gap .

## Wiring Diagram



## Warranty

ATC provide a 12-month warranty against manufacturing defects from date of purchase.

Warranty is provided as per our general terms and conditions of sale and is available on request.

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