

# Outdoor Heating Case Study- Opera Bar-Restaurant Magherfelt

## Overview

Prior to the visit by the ATC Sales Representative, The Opera Bar & Restaurant, Belfast had 14 x 1.3kw heaters with glass throughout their smoking area. These heaters were controlled by one switch. Therefore all the heaters would be on at the same time. This was a very expensive and inefficient method of heating the smoking area. The ATC Sales Representative was invited by the Client and the Electrical Contractor, Primer Electrics, to carry out a site survey on the smoking area and give recommendations.



## Customer Expectation

The client expressed dissatisfaction with both the heat output of the existing heaters and the lack of control. The client stated that all heaters came on whether there was 1 person or 50 people in the smoking area.

Firstly, the ATC Representative carried out a product demonstration with the client and the electrical contractor. The products demonstrated were the 728P IP55 Heater, the Varma 400 Heater and the QHC Heater Controller. The 728P heater can be used in areas that have a risk of exposure to rain. The Varma 400 heaters are ideal for areas that will not be exposed to rain and are available in 2000W and 4000W versions. Both heaters give immediate heat and can be controlled by a heater controller for an energy efficient installation.



The operation of the QHC controller was demonstrated to the client from a control and energy conservation point of view. These controllers allow the client to separate the area into zones so that he can decide what areas he wishes to turn on or off. It also allows him to reduce the heat output in the zone for a more comfortable experience for his customers. The client was impressed with the products and asked ATC to carry out a heating specification for the entire smoking area.



## Conclusion

ATC recommended 14 x 728P 1.8kw IP55 heaters to be used in the areas that had risk of exposure to rain. In the covered areas ATC recommended 1 x V400/2-4 4Kw Varma Heater and 2 x V400/20 2kw Varma Heaters. In addition ATC advised on 1 x 24kw Controller and 2 x 15kw Controller. These controllers gave the client the ability to control 8 zones of heating which was activated by a QHPBC push button control switch, of which each zone would only come on for 15 mins per push.

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## Additional Product Recommended

ATC also recommended the use of an Air Curtain in the doorway to the smoking area. This was based on the fact that the client was going to have more passing traffic to and from the smoking area and the air curtains would help minimise any heat loss caused in the bar as a result.

## Customer Testimonial

Henry McGlone, Owner of the Opera Bar-Restaurant, expressed his complete satisfaction the installation. He said he is very happy with the heaters and controllers and that they are “twice as good” as the heaters he had in the smoking area previously. He is also delighted that his running costs at Opera Bar-Restaurant are down by over 40%. Mr. McGlone is also happy with the fact that they now have 8 zoned areas in which the heaters can be controlled via a push button controller or timed to go off after a period of time of their choice. The controllers allow him to adjust the level of heat given out by the heaters. Overall Mr. McGlone expressed his complete satisfaction with ATC and the products specified by the ATC representative.

For further information on this product range or any of our other products please contact our Sales Department on 01-467 8301 or [sales@atc.ie](mailto:sales@atc.ie)

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