

WHAT CAN THE PERFECT FLAME™ DO FOR YOU?

CREATE THE PERFECT BRAZING FLAME:

This system of flame control creates the perfect oxy-fuel flame. Our unique gas control system acquires data for the correct settings and allows the user to analyze and adjust the flame for maximum performance. It was developed as a practical, efficient, safe and sure method of controlling the oxy-fuel flame in production brazing for the HVAC industry. The end result is better process control with fewer braze joint failures.

QUANTIFY THE VARIABLES THAT MAKE UP A PERFECT BRAZING FLAME:

Current efforts to train operators, set standards, and measure output and efficiency of flame energy are not successful because the variables are not measured or controlled. Even with the best efforts, the individual operator's sense of sight and sound are relied upon to set the proper flame. With the Perfect Flame™, the optimum flame for each process can be quantified, recorded, and reproduced with little operator input or training.

REDUCE THE OPERATOR TRAINING NEEDED TO SET A PERFECT BRAZING FLAME:

Prior to the Perfect Flame™, no amount of training could guarantee the same flame setting each time the torch was lit. Even with extensive operator training and re-qualification there is no real assurance. The Perfect Flame™ dramatically reduces the time spent training operators on flame settings. In addition, the ideal brazing flame can be established, set, and secured so there is no need for time spent on continual operator readjustment.

MAKE IT POSSIBLE TO RECORD AND/OR SHARE A PERFECT FLAME WITH OTHER LOCATIONS:

The Perfect Flame™ creates and uses the data to produce the same results each time the flame is ignited. This data can also be recorded for future use and to reproduce the Perfect Flame™ even at other remote locations.



PERFECT FLAME 

NEW PRODUCT

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A LINCOLN ELECTRIC COMPANY

Turn to the Pros

PERFECT FLAME™
Patent Pending