Lapauw Gas Thermal Ironers Compared to Competition Using Similar Heating System

Lapauw first invented the original self-contained gas/thermal ironer with a flexible chest in 1995. Since then, and through 500 units installed worldwide, Lapauw has shaped the growth of this concept, making Lapauw the most trusted name in self-contained ironers. Our success has spawned a host of imitations, but as you will read below, none can compare to the original.

Low-Volume Flexible Chest: Unlike our competitors, the Lapauw gas/thermal ironers take full advantage of the flexible chest concept, a design invented by Lapauw over 50 years ago.

- Low-volume chests conduct the heat faster and more evenly, thereby eliminating cold spots and maximizing energy efficiency.
- Low-volume chests easily adapt to temperature variations, thus lowering the risk of permanent distortion.
- Lowest volume of oil is required to fill the chest and the circulation system (maximum of 18.5 gallons).
- Low volume of oil requires less time to reach operating temperature (usually 15 minutes).
- Lower volume of oil translates into faster heat recovery and thus better energy efficiency.
- Low volume of oil allows the unit to be shipped *with* the oil; thus making the unit a true “plug-and-play” system.
- Lower volume of oil makes it easier and cheaper to make scheduled oil changes.
- A flexible chest allows for greater contact surface under pressure resulting in greater production.
- A flexible chest has a constant contact throughout the life of the padding, which minimizes wrinkling of the linen and ensures minimal buildup of unwanted substances.

Individual Burners: Unlike our competitors, each chest on the Lapauw gas/thermal ironer has its own burner.

- Smaller individual burners fit *within* the unit; making it a true self-contained ironer. Each Lapauw gas/thermal ironer is delivered in one piece and has the same dimensions as a similar sized steam ironer.
- Additional rolls can be added to an existing ironing line *without* having to exchange the burners.
- The temperature on each chest/burner can be set independently to accommodate different types of linen and eliminate unnecessary energy consumption.

Other Features and their Benefits:

- All parts, including the circulation system and the burner, are easily accessible through the side panels.
- The expansion tank does not use pressure to circulate the oil; thus eliminating risks of damages to the pump gaskets.

Inaccurate Claims: The following corrects some erroneous claims made about the Lapauw self-contained gas/thermal ironer:

- The burner is a specially selected low NOX burner.
- The coils in the heat exchanger cannot get damaged by heat as they are designed and made of a special material that releases heat stress.
- The flame in the heat exchanger does not come in contact with the coils.
- The ironer is approved by DVGW (German Technical and Scientific Association on Gas and Water) and by CSA (Canadian Standards Association).
- The complete safety of the circulation system is approved by TÜV according to DIN standards; making it leak and trouble free.
- The burner will shut down when oil volume or temperature reaches unacceptable levels.
- The burner air intake is located under the chest of the ironer. The air at that location does not contain more dust than outside the ironer. In fact, it is expected that it will collect less lint since it is a "covered" environment.
- The thermal oil is in contact with air, however, Lapauw utilizes a high-quality of oil that will last an average of 4,000 hours.
- The flame *never* escapes from the heat exchanger. The risk of such an occurrence is zero.

After carefully reviewing the information provided on our competitors, we come to the conclusion that the Lapauw system is still the best choice and the best value in today's market. We are especially strong in the following areas:

- Overall value
- Best energy efficiency / lowest operating cost (due to thin chest)
- Highest production per roll size (due to flexible chest)
- Highest achievable quality over the life of the unit (due to flexible chest)
- Constant quality and output (due to flexible chest)
- Only time tested unit on the market
- Largest collection of national references