

השומר

כַּדֶּת מַחֲלֵלוּ שְׂכָרוֹ הַרְבֵּה מְאֹד

שַׁבָּת



OPENING A REFRIGERATOR ON SHABBOS:

NOT A SIMPLE MATTER!



MAY AN OVEN BE USED ON SHABBOS?

In those days:

How
refrigerators
used to work

In our times:

Understanding
how refrigerators
and ovens work
today

Halachically
speaking:

The halachic
tenets that
inform oven use,
and whether
they apply

Fire!

Does using a
refrigerator
constitute
lighting a fire?

Breakthrough:

The appliance
giant sits down
at the Shabbos
table.

בתענוג אכול ושתו



EREV SHABBOS and Yom Tov in Yiddishe homes finds families immersed in the preparations for the holy day. Everything must be in its proper place, so it will be ready when needed. Cold items are in the refrigerator or freezer, while the warm things are all prepared on the hot plate or blech—everything is ready *l'kouod Shabbos kodesh*.

Shabbos arrives, and we begin using the refrigerator and freezer—foods out, foods in—to the tune of dozens of times over Shabbos.

Zichru Toras Moshe B'Mitzvas Shabbos

However, what may not occur to some is that this very enjoyment of the Shabbos foods may directly contradict to the mitzvah of keeping Shabbos! Dozens of times over Shabbos, when foods are taken in and out of the fridge or oven, their owners may be transgressing serious *issurim* of chillul Shabbos, *R"l*.

It is difficult to believe—but if one is not intimately familiar with the way appliances work, both refrigerators as well as ovens—it is almost impossible *not* to transgress Shabbos, albeit unwittingly.

It sounds horrifying, but it is a fact.

While Rabbonim have spent the last half century exploring the halachic implications of appliance use on Shabbos, it is difficult to keep up with the continuously-evolving technology which constantly becomes more sophisticated.

Assistance from Above

With much *chasdei Hashem*, and through a partnership with the ven-

erated GE Appliance company, a special 'Shabbos Keeper' apparatus has been developed—and this is the only existing technology that avoids all *chilul Shab-*

bos, enabling owners to use their refrigerators and ovens on Shabbos and Yom Tov while adhering to Shabbos 100%.

This breakthrough came about through the efforts of Rav Tzvi Ortner, a world-renowned expert in the world of technology and halacha, who worked in close partnership with the most prominent halachic authorities of our generation, including Rav Hillel Weinberger of the CRC, and the Rabbonim of the OU led by Rav Yisroel Belsky, *zt"l*.

In this pamphlet, we will elaborate in detail upon the issues posed by today's appliances, the difference between appliances today and those of yesteryear, and the numerous serious potential issues inherent in using the appliances as they are currently constituted (without the Shabbos Keeper).





WHAT CHANGED?

Klal Yisroel has been using refrigerators on Shabbos for decades. Gedolei Yisroel of yesteryear have already ruled that they are permissible for use after intensively exploring the issue. What has changed now that we suddenly must use the Shabbos Keeper? Are we better than our parents and grandparents? Is this just another newfangled chumrah?

In order to answer these questions, and to understand the serious *chillul Shabbos* issues in using a refrigerator, it is important to explain the basic mechanism of a refrigerator.

First and foremost, it is important to understand that there is no comparison between the way refrigerators work today and the way the old refrigerators used to work. There is only one common denominator between the two models: They keep food cold. Otherwise, there is simply no comparison.

Today's refrigerators use sophisticated computers for a variety of functions, and they are constantly operating in the background—a mechanism that did not exist in the old refrigerators. For this reason, the two models—the old and the new—are very different.

Let us explore this topic in some detail in an effort to understand the facts of the matter.

HOW DOES A REFRIG

IN THOSE DAYS

THE OLD-FASHIONED REFRIGERATORS



COMPRESSOR

The compressor is a machine that sits under the refrigerator. It is a pump which pumps freon gas, and works with a motor. When the compressor circulates the freon, it produces cold air, which then goes into the refrigerator and cools it.



THERMOSTAT

If the compressor would work constantly, the contents of the refrigerator would freeze. For this reason, it has a mechanical thermostat (working with mercury) that tells the compressor to stop working when it reaches a certain temperature. When the refrigerator warms up, the thermostat tells the compressor

to begin working again.



REFRIGERATOR WORK

IN OUR TIMES

TODAY'S REFRIGERATORS



COMPRESSOR

The compressor works similarly to the compressor on the old refrigerator; it is simply a bit more sophisticated. The pump circulates freon, producing cold air, which then goes into freezer, and from there into the refrigerator, cooling its interior.



DAMPER

The damper is a small door between the fridge and the freezer which opens with an electronic motor, allowing the cold air to enter from the freezer to the refrigerator.



FAN

The fan blows cold air around the interior of the refrigerator, ensuring that every part of the refrigerator is cooled properly. The fan automatically turns on every time the door of the fridge or freezer is opened.



HOW DOES A REFRIGERATOR WORK

DEFROSTER

When warm air comes into contact with the cold air in the freezer, it forms a vapor which then freezes (like in the old freezers which used to accumulate ice). Therefore, the freezer has a heating element inside its walls.

It is called a defroster, and it defrosts any ice as soon as it forms on the walls of the freezer. The defroster is activated based on when the door is opened.



DIGITAL THERMOSTAT

This thermostat is a digital, computerized thermostat which records the temperature of the refrigerator every second of the day, and sends a message to the microprocessor when to turn the compressor on and off, when to turn the damper on or off, and when to open or close the fan, etc.



ELECTRIC CIRCUIT

This is the electric box from where all the electronic components of the refrigerator get their power. It controls all the components according to the message that it receives from the microprocessor.



MICROPROCESSOR

This is the computer chip which is the "brain" of the refrigerator. It receives all the messages with everything that takes place in the appliance; when it is too warm or too cold, when the door opens or closes, and it controls the electric circuit which turns all the electronic components of the refrigerator on or off. It also controls the lighting and alarms, and the water and ice dispensers of the refrigerator.

In short, this computer chip controls the entire refrigerator.



A halachic overview:

DOVOR SHE'EINO MISCHAVEN, PSIK REISHA, AND GROMO



In these lines, we give an overview of the various halachic concepts that come into consideration when using a refrigerator or oven on Shabbos and Yom Tov. It is important to note that this discussion is not intended as a halachic ruling.

DOVOR SHE'EINO MISCHAVEN

The Gemoro brings a *machlokes* between Rabi Yehuda and Rabi Shimon whether it is permissible to do a melochoh on Shabbos if one does not intend to do it.

For example: Is it permitted to walk on grass on Shabbos when it is possible that blades of grass will be torn out—but the person has no intention of pulling out the grass. Is it permissible to drag a bench on soil when this will likely make a ditch in the soil, causing the person to transgress the *melochoh* of *choresh*—since it is not his intention to make a ditch.

The Gemoro concludes like Rabi Shimon that *dovor she'in mischaven*—performing an action that transgresses a melochoh without intending to do the melochoh—is permitted.

PSIK REISHA

The aforementioned permissibility to take such action only applies when it is uncertain whether a melochoh will be transgressed. However, if it is a certainty that a melochoh will be transgressed, it is not *muttar* to perform such actions, even though one has no intention for the *melochoh* to happen. This is called *psik reishah*, i.e. chopping off a head. Just like an animal will certainly die when we chop off its head, so too, in a case where it is certain that a *melochoh* will happen, it is not permitted to perform that action.

PSIK REISHA BY D'ORAISA

All *poskim* agree that *psik reisha*—a scenario where the *melochoh* will certainly take place—by a *melochoh d'Oraisa* is prohibited.

PSIK REISHA BY D'RABBONON

When we are talking about a *melochoh d'Rabbonon*, some *poskim* hold that *psik reisha* is permitted, while most maintain that the action is still prohibited, since a *melochoh* is certain to take place.

PSIK REISHA D'IO NICHIA LEI

This refers to a case when the *melochoh* will certainly happen, but the person doesn't want it to happen. He has no benefit from it, and he doesn't want it. The *melochoh* is simply a biproduct of his action. In such a case, there is a dispute between the Rishonim whether it is an *issur d'Rabbonon* or it is *muttar*. Most hold that it is *ossur mid'Rabbonon*.

GROMO: INDIRECT CAUSATION

This refers to a case when a person is not doing the action directly, but he takes an action that will later cause a *melochoh* to happen. For example: placing jars of water in the path of a fire. When the fire will arrive at the jars, they will break open and extinguish the fire—an action that was indirectly caused by the person who placed them there. Most *poskim* hold that this is only *ossur mid'Rabbonon*, and is only permitted when there would be a large monetary loss.

There are two conditions for an action to be considered *groma*/indirect:

1. That the action that a person is taking does not itself transgress any *issurim*—and does not necessarily bring about the *melochoh* to happen, unlike in the case of dominos where the first domino will necessarily cause the rest of the dominos to fall.
2. The resulting *melochoh* takes place independently from the initial action. Like in the aforementioned case of the fire with the vessels where the fire came on its own to the water, and *then*—by the fire breaking the vessels—did the water do its work of extinguishing the fire.

DELAYED GROMO

Another condition for the *heter* of *groma* (in cases where it is permitted) is that it must take place after a delay. If it takes place *immediately* after the person's action, it is not considered indirect, and the action is *ossur*.

'THE USUAL WAY'

Another condition for *groma* to be permitted is that this action is not the regular way that it is usually performed. If this is the usual way of performing this *melochoh* even in the weekday, it is not considered indirect, and is thus *ossur*.



לֹא תִבְעֶרְךָ אִשָּׁה!

בְּכָל מַעֲשֵׂיֶיךָ בְּיוֹם הַשַּׁבָּת

The numerous *melachos* that one can transgress by using a refrigerator on Shabbos

LIGHTING A FIRE? IN MY REFRIGERATOR? YES!

OLD REFRIGERATORS:



The light bulb, which would automatically be turned on when opening the door. This is solved by either removing the bulb or taping down the button.

Opening the refrigerator would cause the thermostat to activate the compressor: Since the thermostat was a mechanical one, using a mercury gas, the *poskim* ruled that it is permissible.

The old-fashioned defrosters used to operate on their own schedule, independent of using the refrigerator, and thus was of no concern at all.

TODAY'S REFRIGERATORS:



Our refrigerators entail many more, and more severe, concerns regarding Shabbos and Yom Tov use—and the leniencies that applied to the old refrigerators do not apply to ours.

Here, we will detail the numerous *issurim* inherent in opening and closing the refrigerators on Shabbos and Yom Tov.

THE MOST SEVERE CONCERN IS THE DEFROSTER.

The defroster becomes **hot**, and is considered by most *poskim* to be just like igniting a fire.

There are two ways that the defroster is activated:

1. According to how long the compressor is active (ex; after four hours of the compressor working, the defroster will go on). Therefore, when opening and closing the door, pushing warm air into the refrigerator, it causes the compressor to work, which will cause the defroster to go on sooner.

2. According to how many times the door is opened (ex; every ten times that the door is opened, the defroster will go on). Therefore, every time the door is opened, a message is sent to the computer that the door was opened, and after ten times, the

defroster is turned on by opening the door—directly causing it to become red hot, which is *melocho d'Oraisah*.

We cannot rely on *dovor she'ino mischaven* (that one does not intend to activate the defroster), since it is potentially a *psik reisha* (i.e. every time one opens the refrigerator may be the time that the defroster is activated). Most *poskim* hold that by *d'Oraisah*, a *sofeik psik reisha* is prohibited.

The leniency of "*lo nicha lei*" (one doesn't want the *melocho* to happen) does not apply, since one generally does want the refrigerator to function as it is meant to, with no ice accumulating.

Gromo/indirect action can't be relied upon since a) his own action (opening the door) directly leads to the defroster being activated (one of the times that he does so) immediately, not with a delay. b) even if we were to rely on *gromo*, since this is the 'usual way' that the *melocho* takes place, *gromo* does not apply, as noted above.

It is possible that some would still find certain leniencies to rely on in order to permit this. But when it comes to a severe *issur d'Oraisah*, do we want to rely on these leniencies every Shabbos and Yom Tov?

WHY IS A REFRIGERATOR DIFFERENT THAN AIR-CONDITIONING AND HEATING?

Why is opening a refrigerator different than entering a room where heating or cooling is working, thereby causing the thermostat to activate or deactivate the cooling or heating system?

The *poskim* list a number of differences. We will bring a few of them here:

1. When entering a room, one does not touch anything related to the mechanism, whereas a refrigerator door is part of the mechanism of the appliance.

2. When entering or leaving a room, one is behaving like anyone else who comes and goes. However, a refrigerator door is expressly manufactured to affect the various components of the refrigerator.

3. There is a leniency that states that everyone is considered a *choleh* when it comes to heat and cold, a leniency that does not apply to refrigerators.



THE DAMPER AND THE FAN

The damper (a little 'door' which allows air in from the freezer to the refrigerator) is activated every time the refrigerator gets too warm. It functions just like electric doors at a store which are opened when one passes by. This is directly affected every time one opens the door to the fridge.

The fan is activated every time that the damper opens in order to spread out cold air throughout the fridge. Often, the fan turns on immediately when the door is opened. Although it is a *dovor she'eino mischaven* (one doesn't want the fan to turn on), it is a *psik reisha* that it will certainly turn on.

DIGITAL THERMOSTAT

Every time one opens the refrigerator or freezer door, the temperature changes, and the computerized thermostat sends a message to the microprocessor that the temperature has changed. By some refrigerators, the temperature is visible on a screen. Sometimes the screen can be seen inside the refrigerator, and sometimes it is hidden underneath the refrigerator.

Writing on the screen is yet another action that is being performed directly by opening the door.

THE MICROPROCESSOR

The microprocessor gathers information on a constant basis about the use of the refrigerator, and sends these messages to the electronic circuit to activate or

deactivate different parts of the refrigerator.

Every time one opens or closes the refrigerator, one is causing a message to be sent to the microprocessor, which then sends that message further to the electronic circuit.

These messages are sent the same way as a text message.

It is possible that there are those who are lenient, holding that a *psik reisha* that is not readily seen (i.e. there is not a physical action, only an electronic message) does not constitute a *psik reisha*, but this is a strong leniency on which to rely.

LIGHTS AND ALARMS

In addition to the aforementioned concerns, there are the lights that cannot be easily removed, and there is no button that can be taped down. In addition, there is an alarm that goes off every time that the refrigerator is open for too long. Once it goes off, it would be *ossur* to close the door again.

ICE MAKER

The machine that makes ice cubes in the freezer also works with a sensor. If one removes ice from the tray, one causes the machine to make more ice.

Even if one would rely on lenient opinions that it is only indirect, and it is a *dovor she'eino mischaven* (i.e. one does not want the machine to produce more ice), it is a very strong *kulah* which Klal Yisroel would certainly not want to rely on multiple times each and every Shabbos and Yom Tov.

HOW CAN WE FULFILL
וְשִׁמְרוּ בְּנֵי יִשְׂרָאֵל אֶת הַשַּׁבָּת?

את אֶשֶׁר תֹּאכֹּל אִכּוּ וְאֵת אֶשֶׁר תִּבְשְׁלוּ בַשֵּׁל

HOW DOES AN OVEN WORK?

IN THOSE DAYS:

KNOBS:

Old fashioned ovens worked with a simple handle which one would turn to the desired temperature.

MECHANICAL THERMOSTAT:

Once the oven was turned on, the heat was controlled by a mechanical thermostat. When the oven cooled off a bit, the flame would go on, and when the desired temperature was reached, the fire would go off.



IN OUR TIMES:

ELECTRONIC BUTTONS, SCREENS, AND LIGHT:

All controls are controlled with electronic buttons, and everything shows up on a digital screen. There is also a light in the oven that turns on every time the door is open.



DIGITAL THERMOSTAT AND SENSORS

Once one has set the oven to the desired temperature, there are a number of electronic sensors and thermostats that control the heat, and every time the doors is open—no matter if the flame is on or off—the electronic sensors and

thermostat are activated.

MICROPROCESSOR

The sensors and thermostat send a message to the oven's computer, and the computer controls the fire, turning it on when the oven cools off and off when the oven reaches the desired temperature.



ENERGY EFFICIENCY & SAFETY FEATURES

Many ovens today have energy efficiency & safety features, for example; every time the door is opened, the gas goes off about 90 seconds to two minutes later in order to preserve gas. When the door is closed, the flame goes back on after a few seconds.





שַׁבָּת לֹא תַעֲשֶׂה בּוֹ מְלָאכָה

THE MELOCHOS INVOLVED IN USING AN OVEN ON SHABBOS

Unlike refrigerators, Yidden have always known that an oven may not be used on Shabbos, since it involves igniting a flame. There were *poskim* who permitted opening the door of the old ovens after waiting until the flame was already on.

The new ovens, however, present a whole new list of concerns:

🔥 The flame that is ignited when the door is opened and the oven is cooled off.

And even if one would wait until the flame is on

🔥 A light is activated when opening the door

And even if one would unscrew the bulb, or turn the light on before Shabbos

🔥 There is still the issue of the sensors and electric thermostat which becomes activated every time one opens the door, measuring the temperature and sending messages to the microprocessor.

Above all, the biggest problem is:

🔥 The energy efficiency system which automatically turns the flame off shortly after opening the door in order to preserve gas, which is a direct transgression of the *meloch* of *kibui* (putting out a flame) and *havarah* (igniting a flame) when closing the door.

Although it would be possible to find leniencies for Yom Tov, when it is permitted to light a flame in order to prepare food through the leniency of *gromo* or *sofeik psik reisha*, there is no *heter* to do so directly by opening or closing the door.



SHABBOS MODE:

WHEN THE
SOLUTION IS
WORSE THAN
THE PROBLEM



MY REFRIGERATOR COMES WITH BUILT IN SHABBOS MODE, WHAT IS THE PROBLEM?

Firstly, just like we don't rely on the *kashrus* of food based on the say-so of a non-Jewish company, and we insist on a reliable *hechsher* before consuming food, so too can't we rely on a technological solution from a company without the approval of Rabbonim and halachic experts who tell us that the solution is an effective one.

Secondly, the built-in Shabbos Mode still does not address some of the major issues that these appliances pose.

🕒 The built-in Shabbos Mode does not control the compressor, damper, and fan. It is still turned on by the thermostat which measures the temperature, and this is directly affected by opening the door. It is perhaps delayed by a few seconds, so it is not immediately turned on, only on a delay (a very big leniency).

🕒 The microprocessors, sensors, and door switches are not deactivated by the built-in Shabbos mode. They continue to send messages from the refrigerator to the computer.

🕒 The Shabbos mode does not automatically go on every week; one must remember to turn it on.

🕒 The built-in Shabbos Mode is very complex to activate. It involves pressing multiple buttons at once, and most people struggle to activate it.

🕒 The lights inside the fridge are off throughout Shabbos.



SHABBOS MODE:

WHEN THE
SOLUTION IS
WORSE THAN
THE PROBLEM



MY OVEN COMES WITH A BUILT IN SHABBOS MODE, WHAT IS THE PROBLEM?

A number of years ago, some appliance manufacturers began installing a Shabbos Mode into their ovens. This Shabbos Mode has only made the problem worse.

While people were relying on the Shabbos Mode, this built-in feature did not address some of the biggest issues in using the oven on Shabbos.

The Shabbos Mode does not take over the thermostat and the control of the fire. It does not make that the fire shouldn't turn on when the oven is cooled off as a result of opening the door. And it doesn't deactivate the energy efficiency system that was mentioned above.

This means that the primary issues of *kibuy* and *havarah* were not addressed or solved by the built-in Shabbos mode.

The Shabbos mode only solved the smaller problems such as the screen, deactivating the electronic buttons, and in some models, the light bulb is also deactivated through the Shabbos Mode.

The built-in Shabbos mode is perhaps effective on Yom Tov when *ochel nefesh* is permitted. Another possibility is using the oven on the 'timed bake' setting, causing it to go off after a few hours, and then using the Shabbos Mode which deactivates the lights and alarms.

This is all in addition to the fact that the Shabbos Mode is complicated to set, and one must remember to turn it on every week.

IS IT POSSIBLE TO USE AN OVEN L'KOVOD SHABBOS WITHOUT TRANSGRESSING CHILUL SHABBOS?



BREAKTHROUGH

THE SHABBOS KEEPER

**Invented by
"Zman Technologies"**

In partnership with the appliance giant
"GE Appliances"

Under the direction of Rav **Tzvi Ortner**, Shlit"a
Rav of Khal Linas Hatzedek and chairman of the Halachic Tech U.S.A. Institution
**With the guidance of our generation's leading
poskim, the Rabbonim of the Hisachadus
Harabanim and the OU**



Rav Tzvi Ortner in discussion with the Rabbonim of the CRC and the OU in developing the Shabbos Keeper

The Shabbos Keeper is a small apparatus that can be purchased in local appliance stores. It is plugged into your appliance, and automatically sets up the "enhanced Shabbos Mode, which removes any functions that are caused by human action. All functions work on a preset schedule: no actions (such as opening or closing the oven or refrigerator door) has any impact on the functioning of the appliance.

Astronomical sums, and many years of research and development, were invested into the invention of the Shabbos Keeper by Zman Technologies together with the engineers at GE, ensuring that the device complies with the opinions of all the *poskim* and is truly a *l'chatchilah* solution to the problem. Once invented, the Shabbos Keeper went through months of testing to ensure that it works properly, according to *halachah* as well as ease-of-use.





FUNCTIONS OF THE SHABBOS KEEPER



For refrigerators

⌚ It turns on automatically every *erev Shabbos and Yom Tou* 90 minutes before the *shekiah* (in order to accommodate those who make early Shabbos), and automatically goes off every *motzei Shabbos and Yom Tov* 90 minutes after the *shkiah*.

⌚ The Shabbos Keeper is already programmed for all Shabbosim and Yomim Tovim through the year 2050.

⌚ The lights inside the refrigerator remain on the entire Shabbos (a little dimmer than usual).

⌚ The compressor, damper, and defroster, and fan work on their own schedule.

⌚ All microprocessors and sensors are completely deactivated.

⌚ The doors switch is completely deactivated.

⌚ The water and ice dispensers are completely deactivated.

⌚ The entire refrigerator and all its components are solely controlled by the Shabbos Keeper.

⌚ The Shabbos Keeper has a battery backup of 72 hours, in case of a blackout.

⌚ It is compatible with more than 200 GE refrigerator models.



For ovens



⌚ Every *erev Shabbos*, a few hours before the *shkiah*, the Shabbos Keeper will ask you whether you want to set it for an early Shabbos or a regular Shabbos.

⌚ After selecting when to start Shabbos, you can still use the oven as usual.

⌚ When Shabbos comes in, the oven will automatically enter Shabbos Mode.

⌚ If you do not make any selection, the Shabbos Keeper will automatically activate by the *zman* (you can change this in the settings).

⌚ All functions related to human action (such as opening and closing the door) are completely deactivated.

⌚ At the start of Shabbos, the oven automatically goes into "warm mode" of about 200 degrees, and it remains at that temperature the entire Shabbos. Opening or closing the door has no impact on the temperature or oven mechanisms.

⌚ On *Yom Tov* around meal time, the oven automatically goes into 'bake mode' (350 degrees) for four hours, after which it goes back to 'warm mode' (200 degrees) to keep food warm.

⌚ It is programmed through the year 2050, and will turn Shabbos Mode on and off according to the *zmanim* of that time.

⌚ The Shabbos Keeper will enable you to take food out of the oven throughout the entire Shabbos as many times as you wish, as well as take foods in and out of the oven throughout *Yom Tov*, without relying on any leniencies or *heterim*.

שומרינו וזכרינו המה מעידיים



CRC KASHRUS
A division of The Central Rabbinical Congress
Since 1955



מערכת הכשרות
שע"י התאחדות הרבנים דארה"ב וקנדה
נסד תשס"ו

ב"ה

מודעה לאחב"י

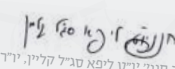
עם מקדשי שביעי

אנשי בשורה אנחנו היום, אחרי שברוב סייעתא דשפיא זה כמה שנים כולן שוין לטובה, זכינו לעבוד שכם אחד עם הפירמ"ע המפורסמת **GE APPLIANCES**, לסדר השגחה ולעשות תיקונים לפנוע מכשולות בהשתמשות הפרידזשדער"ס לפיניהם, והצליחו לסדר על ידי המפעל **זפן טעכנעלאגעי** תקנות גדולות וחשיבות בשמירת שבת כהלכתה, תהלה לא-ל יתברך מפשיכים הלאה ביצירת תנורים, וכמעשהו בראשונה כך פעשהו בשניה, לסדר פתיחת הדלת בשבת והשתמשות בזה ביום טוב בלי שום חששות כלל וכלל, וכל פלאכת היצירה לכל פרטיה נעשה לפי הוראות הרבנים הגה"צ שליט"א בהכשר ויתרון.

ובוודאי שעם בני ישראל החרדים לדבר ד' יהדרו לקנות רק אלו הפכשירים שיש להם ההכשר על ידי חיבור הפכשיר הנקרא "שבת קיפער", אשר בהשתמשות עפהם לפי ההוראות המצורפת לה ינצלו בכל מכשול וחשש, ולמזהיר ולנוהר שלומים תן כפי נהר.

ויהא רעוא מן קדם אבוהון דבשמיא, שבזכות שמירת שבת קודש כהלכתה יהיו נגאלין במהרה דידן ברוב רחמי וחסדיו, ונזכה במהרה ליום שכולו שבת ומנוחה.

הבעה"ח חודש שבת תשפ"ב לפ"ק
מערכת הכשרות שע"י התאחדות הרבנים


הרב חנני יריט ליפא סגל קליין, י"ר

 85 Division Ave. Brooklyn, NY 11249 ■ t: 718.384.6765 ■ f: 718.374.6510 ■ info@crckashrus.org

"...Surely, Klal Yisroel will choose only those appliances that are compatible with the **Shabbos Keeper**"




בס"ד ג' אדר א' תשפ"ב לפ"ק
February 4, 2022

Temporary major appliances are advanced high-tech gadgets with multiple sensors and chips on board. The simple act of opening and closing a refrigerator or oven door can result in a variety of changes to the appliance operation. Previous Shabbos mode solutions solved only some of the concerns related to their use on Shabbos and Yom Tov.

The Orthodox Union (OU) and Hisachdus HaRabbonim (CRC), two renowned kosher certifying agencies, are pleased to announce, a historic alliance to improve the halachic standards of appliance use on Shabbos and Yom Tov, with the joint certification of the **GE Shabbos Keeper**.

Developed by GE Appliances and Zman Technologies under Rabbi Ortner's supervision, **Shabbos Keeper** technology provides ultimate convenience for the Shabbos observer and are without halachic compromise:

- Shabbos and Yom Tov schedule automatically sets appliances and prompt users
- Door opening and closing are completely disengaged from appliance operations
- Refrigerator light illuminates for the duration of Shabbos and Yom Tov
- Option to open oven door multiple times during Shabbos
- Warm and bake modes for Yom Tov use

Shabbos Keeper modules are compatible with all new GE refrigerators and a growing number of GE ovens. Some GE ovens come with enhanced Shabbos mode pre-installed.

 **GE APPLIANCES** 

OU KOSHER HISACHDUS HARABBONIM

ולמזהיר
ולנזהר שלומים
תן כמי נהר

[illegible]

שמור לקדשו

מבואו ועד צאתו

The "Shabbos Keeper" can be bought for existing appliances.

***Yidden* who are careful with all aspects of halacha**

are sure to acquire the Shabbos Keeper, and purchase only appliances that are compatible with the Shabbos Keeper.



We do not rely on leniencies on Shabbos

We do not rely on *heterim* for Shabbos

We do not enter any questionable situations

We do not, *ch"v*, stumble into *chilul Shabbos*



We want to be a nation that sanctifies Shabbos
עם מקדשי שביעי!

כל מזונותיו של אדם קצובין לו מראש השנה ועד ראש השנה וכו',
חוץ מהוצאות שבת ויו"ט וכו', ואם מוסיף מוסיפין לו. (ביצה טז.)



Yidden spend generously לכבוד שבת ויום טוב

- 🕯 For delicious food and drink
- 🕯 For beautiful dalet minim
- 🕯 For a beautiful sukkah

- 🕯 For the most mehudar matzos.
- 🕯 For elegant Shabbos and Yom Tov clothes
- 🕯 And so much more...

Will we not spend for *shemiras Shabbos* itself?

Surely, we will!

Because Shabbos and Yom Tov expenses come right back!

The Shabbos Keeper is available in all appliance stores or may be ordered at zmantechnologies.com



A STORY IN PICTURES

RAV ORTNER, SHLIT" A, WORKING
WITH THE ENGINEERS AT GE IN
DEVELOPING AND TESTING THE
SHABBOS KEEPER.

RAV ORTNER
IN THE GE
HEADQUARTERS
TOGETHER WITH
GE CEO KEVIN
NOLAN.



ANALYZING A NUMBER OF DIFFERENT 'DAMPERS'



ANALYZING THE INTERNAL SYSTEMS OF DIFFERENT APPLIANCES



RAV ORTNER, SHLIT" A, IN THE GE FACTORY, ENSURING THAT THE SHABBOS KEEPER WORKS AS IT SHOULD



ANALYZING DATA TOGETHER WITH GE ENGINEERS



RAV HILLEL WEINBERGER OF HISACHDUS HORABONIM JOINING RAV ORTNER IN CHECKING OVER THE FUNCTIONS OF THE SHABBOS KEEPER.



כל שומר שבת כדת מחללו

100% SHEMIRAS SHABBOS

ONLY WITH A SHABBOS KEEPER

100% SHEMIRAS SHABBOS

THE SHABBOS KEEPER SOLVES ALL QUESTIONS OF *CHILUL SHABBOS* IN A *L'KATCHILAH* WAY, INCLUDING THE DEFROSTER, LIGHT, COOLING SYSTEM, SENSORS, AND COMPUTERS, ETC.

ENTIRELY AUTOMATIC

THE SHABBOS KEEPER TURNS ON AUTOMATICALLY EVERY EREV SHABBOS AND YOM TOV AND IS DEACTIVATED AUTOMATICALLY ON MOTZEI SHABBOS AND YOM TOV, WITH BUILT-IN SCHEDULE THROUGH THE YEAR 2050.

TRIED AND TRUE

THE SHABBOS KEEPER HAS THE SUPERVISION AND ENDORSEMENT OF THE GREATEST POSKIM OF OUR GENERATION OF ALL STRIPES, AND THE GE APPLIANCE GIANT HAS TURNED OUT TO BE AN INCREDIBLE PARTNER IN THIS ENDEAVOR.

THE ONLY 100% SOLUTION FOR GE REFRIGERATORS AND OVENS

POWERED BY:



ENDORSED BY:



For assistance installing the Shabbos Keeper, or for technical support, you may contact Zman Tech:

Email: support@zmantechnologies.com

Phone: 855-381-0977

Whatsapp: 347-433-6078