

PART III: GENERAL CONTROL REQUIREMENTS

Is the responsible official of the dry cleaning facility: (Check appropriate boxes)

- | | | | |
|---|---------------------------------------|----------------------------|--|
| 1. Storing perchloroethylene in tightly sealed and impervious containers? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> NA |
| 2. Examining the containers for leakage? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> NA |
| 3. Closing and securing machine doors except during loading/unloading? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | |
| 4. Draining cartridge filters in their housing or in sealed containers for at least 24 hours prior to disposal? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> NA |
| 5. Maintaining solvent-to-carbon ratios and steam pressure for carbon adsorber beds according to the manufacturer's specifications? | <input type="checkbox"/> Y | <input type="checkbox"/> N | <input checked="" type="checkbox"/> NA |

PART IV: PROCESS VENT CONTROLS

In Part II-A:

If classification (1) has been checked, no controls are required. **Proceed to Part V.**

If classification (2) has been checked, the machine should be equipped with a refrigerated condenser (complete A below)

If classification (3) has been checked, the machine should be equipped with either a refrigerated condenser or a carbon adsorber (complete A and B below). A Carbon adsorber must have been installed prior to September 22, 1993.

If classification (4) has been checked, machine should be equipped with a refrigerated condenser (complete A and B below.)

A. Has the responsible official of all new sources and existing large area sources: (check appropriate boxes)

- | | | | |
|--|---------------------------------------|----------------------------|-----------------------------|
| 1. Equipped all machines with the appropriate vent controls? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> NA |
| 2. Equipped dry-to-dry machines with a closed-loop vapor venting system? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> NA |
| 3. Equipped the condenser with a diverter valve so airflow will be directed away from the condenser upon opening the door? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> NA |
| 4. Measured and recorded the temperature of the outlet exhaust stream of a refrigerated condenser on a weekly basis? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> NA |
| 5. Repaired or adjusted the equipment within 24 hours if the exhaust temperature of the condenser exceeded 45 ^o F? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> NA |
| 6. Conducted all temperature monitoring after an appropriate cool down period and after verifying the coolant had been completely charged? | <input checked="" type="checkbox"/> Y | <input type="checkbox"/> N | <input type="checkbox"/> NA |

B. Has the responsible official of an existing large or new large area source also:

- | | |
|---|--|
| 1. Measured and recorded the exhaust temperature on the outlet side of the condenser located on dry-to-dry, reclaimer, and dryer machines on a weekly basis? | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N |
| 2. Measured and recorded the washer exhaust temperature at the condenser inlet and outlet weekly?
Is the temperature differential equal to or greater than 10°F? | <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA |
| 3. Measured and recorded the perc concentration weekly at the end of the final drying cycle while the machine is venting to the atmosphere. If machines are equipped with a carbon adsorber?
Is the perc concentration or less than 10 ppm? | <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA
<input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA |
| 4. Assured that the sampling position on adsorber exhaust for measuring perc. concentrations is at least 10 duct diameters downstream of any bend, contraction, or expansion; is at least 10 diameters upstream from any bend contraction, or expansion; and downstream from the condenser inlet? | <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA |
| 5. Equipped transfer machines (dryers, reclaimers, and washers) with individual condenser coils? | <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA |
| 6. Routed airflow to the carbon adsorber (if used) at all times? | <input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> NA |

PART V: RECORDKEEPING REQUIREMENTS

Has the responsible official:

(Check appropriate boxes)

- | | |
|--|--|
| 1. Maintained receipts for perc purchased? | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N |
| 2. Maintained rolling monthly averages of perc consumption? | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N |
| 3. Maintained leak detection inspection and repair reports for the following:
a. Documentation of leaks repaired w/in 24 hrs? or;
b. Documentation of parts ordered to repair leak and leak repaired w/in 2 days and parts installed w/in 5 days of receipt? | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA
<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA |
| 4. Maintained calibration data? (<i>direct reading instruments only</i>) | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA |
| 5. Maintained exhaust duct monitoring data on perc concentrations? | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA |
| 6. Maintained startup/shutdown/malfunction plan? | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N |
| 7. Maintained deviation reports?
Problem corrected? | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA
<input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA |
| 8. Maintained compliance plan, if applicable? | <input type="checkbox"/> Y <input type="checkbox"/> N <input checked="" type="checkbox"/> NA |

PART VI: LEAK DETECTION AND REPAIRS

1. Does the responsible official conduct weekly leak detection and repair inspection?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
2. Which method of detection does the responsible official use?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Visual examination (condensed solvent of exterior surfaces)	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Physical detection (airflow felt through gaskets)	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Odor (noticeable perc odor)	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Use of direct-reading instrumentation (FID/PID/calorimetric tubes)	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
If using direct-reading instrumentation, is the equipment:	<input type="checkbox"/> Y	<input type="checkbox"/> N	
a. Capable of detecting perc vapor concentrations in a range of 0-500 ppm	<input type="checkbox"/> Y	<input type="checkbox"/> N	
b. Calibrated against a standard gas prior to and after each use (PID/FID only).	<input type="checkbox"/> Y	<input type="checkbox"/> N	
c. Inspected for leaks and obvious signs of wear on a weekly basis?	<input type="checkbox"/> Y	<input type="checkbox"/> N	
d. Kept in a clean and secure area when not in use.	<input type="checkbox"/> Y	<input type="checkbox"/> N	
e. Verified for accuracy by use of duplicate samples (calorimetric only)?	<input type="checkbox"/> Y	<input type="checkbox"/> N	
3. Has the facility maintained a leak log?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
4. The following area should be checked for leaks by the operator:	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Hose connections, fitting couplings, and valves	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Muck cookers	<input type="checkbox"/> Y <input type="checkbox"/> N
Door gaskets and seating	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Stills	<input type="checkbox"/> Y <input type="checkbox"/> N
Filter gaskets and seating	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Exhaust dampers	<input type="checkbox"/> Y <input type="checkbox"/> N
Pumps	<input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Diverter valves	<input type="checkbox"/> Y <input type="checkbox"/> N
Solvent tanks and containers	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Cartridge Filter housing	<input type="checkbox"/> Y <input type="checkbox"/> N
Water separators	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N		

Shea Jackson	December 20, 2012
Inspector's Name (Please Print)	Date of Inspection
	Within one year of this inspection
Inspector's Signature	Date of Next Inspection

System Inspection and Leak Detection

Are the following dry cleaning system components inspected weekly for perceptible leaks (sight, smell or touch) while the system is in operation (§63.322(k))? (Inspection with a halogenated hydrocarbon detector or PCE gas analyzer also fulfills the requirement for inspection of perceptible leaks.) Y N NA

Are the following dry cleaning system components inspected monthly for vapor leaks using a halogenated hydrocarbon detector or PCE gas analyzer while the system is in operation? (Any inspection conducted according to this paragraph shall satisfy the requirements to conduct an inspection for perceptible leaks under §63.322(k) or (l).) Y N NA

- (1) Hose and pipe connections, fittings, couplings, and valves;
- (2) Door gaskets and seatings;
- (3) Filter gaskets and seatings;
- (4) Pumps;
- (5) Solvent tanks and containers;
- (6) Water separators;
- (7) Muck cookers;
- (8) Stills;
- (9) Exhaust dampers;
- (10) Diverter valves; and
- (11) All Filter housings

Is the halogenated hydrocarbon detector or PCE gas analyzer operated according to the manufacturer's instructions? Y N NA

Is the vapor leak inspection conducted by placing the probe inlet at the surface of each component interface where leakage could occur and moving it slowly along the interface periphery? Y N NA

Is the PCE gas analyzer a flame ionization detector, photo ionization detector, or infrared analyzer capable of detecting vapor concentrations of PCE of 25 parts per million by volume? Y N NA

Is the halogenated hydrocarbon detector capable of detecting vapor concentrations of PCE of 25 parts per million by volume and indicating a concentration of 25 parts per million by volume or greater by emitting an audible or visual signal that varies as the concentration changes? Y N NA

ADDITIONAL SITE INFORMATION

Facility Name:	MYK Cleaners LLC
ARMS #:	103 0316

Inspection Comments:

- During the inspection I met with the facility contact, and Authorized representative, Mr. Mahmood Khan.
- The Phoenix calendar records for 2011 and 2012 were up to date.
- The leak checks and temperature was indicating completed up to 12/2/2012. The temperature for the machine was 21 F The temperature is consistent on machine, and Mr. Khan stated he also has a maintenance check performed bi monthly by his contractor.
- The highest monthly Perc total was 45 gallons for the month of November 2012. The facility is within the Perc limitation total for this classification.
- The machine was not in operation at this time as we toured the facility. I asked Mr. Khan to demonstrate the halogen detector usage of the dry to dry machine.
- There were no Perc odors and the alarm did not sound during observations of the machine.
- The most recent purchase order was for 15 gallons in November 5, 2012. He had purchases about every quarter. Mr. Khan stated he has noticed an improvement is business volume this year.
- The most recent hazardous waste disposal was by Safety Kleen on June 21, 2012 for disposal of 2 containers of liquid and solid waste. (See photo)
- The facility purchased a new Parker 15 HP boiler operates on natural gas. Mr. Khan stated it has saved him money, operates much more efficiently than the previous boiler. We obtained the model and serial numbers from the boiler.
- The facility maintains the water evaporator a galaxy mister, in the boiler room storage area outside to the rear of shop, was in secondary containment and covered to prevent evaporation as required.
- I gave Mr. Kahn a copy the inspection summary.
- The facility is in compliance at this time.

ADDITIONAL SITE INFORMATION

Facility Name:	MYK Cleaners LLC
ARMS #:	103 0316

Machine #1:			
Manufacturer	Multimatic 40	Capacity	lbs
Model#	SL 40	Serial#	QR104240661 Mfg yr 2004

Machine #2:			
Manufacturer		Capacity	lbs
Model#		Serial#	Mfg yr

Notification (unpermitted sources only):

- 1. Was the facility assisted in filling out the notification by the inspector? Y N
- 2. Did the facility insist on filling out its own notification, and will send it to FDEP? Y N

Record keeping :

- 1. Does facility have statement/specs as to the design accuracy of the temperature sensor? Y N
(Temperature of 45⁰F w/accuracy +/- 2⁰F, or 7.2EC w/accuracy of +/- 1.1⁰C)

Hazardous Waste:

- 1. Is all perc. contaminated wastewater either treated or disposed of properly? Y N
- 2. If wastewater is evaporated, is it an approved system, and using carbon filtration? Y N
- 3. Does the facility have secondary containment for the dry-dry machine? Y N
- 4. Does the facility have secondary containment for any perc. waste containers? Y N

Boiler:

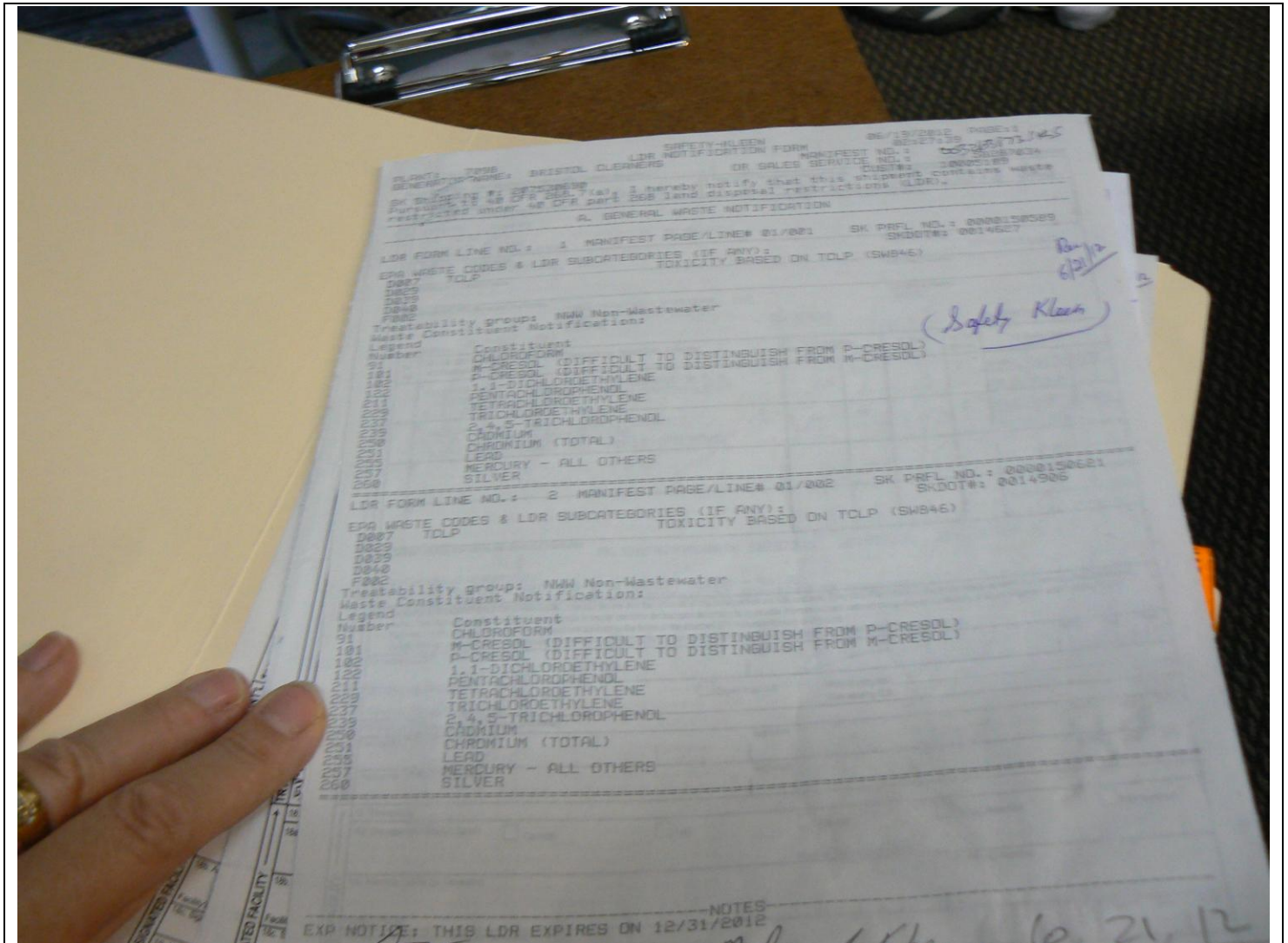
Manufacturer	Parker replaced Fulton	Hp	15
Model #	103-15	Serial #	60977 Mfg yr 2012

Fuel Type: Natural gas? Propane? Fuel oil?

Comments: New Parker brand boiler, still exempt unit

MYK Cleaners LLC Bristol Cleaners

120 107th Avenue, Treasure Island



Project Id: 84678 **Permit No:** 1030316-005-AG **Arms Number:**

Inspector: Shea Jackson **Inspection Date / Time:** 12/12/2012 / _____

Source (EU): New, Small Perchloroethylene Dry Cleaner: One 2005 Dry-to-dry Machine
Multimatic SL40, serial number QR104240661 equipped with Refrigerated
Condenser, and 2012 Parker natural gas boiler 15 HP

Description: [The facility records and Perc purchase invoices and leak checks performance records were up to date.]

MYK Cleaners LLC Bristol Cleaners

120 107th Avenue, Treasure Island



Project Id: 84678 **Permit No:** 1030316-005-AG **Arms Number:**

Inspector: Shea Jackson **Inspection Date / Time:** 12/12/2012 / _____

Source (EU): New, Small Perchloroethylene Dry Cleaner: One 2005 Dry-to-dry Machine
Multimatic SL40, serial number QR104240661 equipped with Refrigerated
Condenser, and 2012 Parker natural gas boiler 15 HP

Description: [The facility dry to dry machine]

MYK Cleaners LLC Bristol Cleaners

120 107th Avenue, Treasure Island

2012 Solvent Purchases Log

July 2012		
Ending Total From June 2012		30.00
Subtract Solvent Purchased in July 2011	-	0
Sub Total		30.00
Current Month Purchases		12 Month Running Total
Purchase Date	Amount Purchased	
	+	= 30.00
	+	=
Use Halogen Leak Detector to Detect Solvent Leaks Around Cleaning Machine.		Date
Change Contact Water Mister/Evaporator System Filters According to Manufacturer's Specifications.		Date

August 2012		
Ending Total From July 2012		30.00
Subtract Solvent Purchased in August 2011	-	0
Sub Total		30.00
Current Month Purchases		12 Month Running Total
Purchase Date	Amount Purchased	
	+	= 30.00
	+	=
Use Halogen Leak Detector to Detect Solvent Leaks Around Cleaning Machine.		Date
Change Contact Water Mister/Evaporator System Filters According to Manufacturer's Specifications.		Date

September 2012		
Ending Total From August 2012		30.00
Subtract Solvent Purchased in September 2011	-	0
Sub Total		30.00
Current Month Purchases		12 Month Running Total
Purchase Date	Amount Purchased	
	+	= 30.00
	+	=
Use Halogen Leak Detector to Detect Solvent Leaks Around Cleaning Machine.		Date
Change Contact Water Mister/Evaporator System Filters According to Manufacturer's Specifications.		Date

October 2012		
Ending Total From September 2012		30.00
Subtract Solvent Purchased in October 2011	-	0
Sub Total		30.00
Current Month Purchases		12 Month Running Total
Purchase Date	Amount Purchased	
	+	= 30.00
	+	=
Use Halogen Leak Detector to Detect Solvent Leaks Around Cleaning Machine.		Date
Change Contact Water Mister/Evaporator System Filters According to Manufacturer's Specifications.		Date

November 2012		
Ending Total From October 2012		30.00
Subtract Solvent Purchased in November 2011	-	0
Sub Total		30.00
Current Month Purchases		12 Month Running Total
Purchase Date	Amount Purchased	
11/3/12	+	= 45.00
	+	=
Use Halogen Leak Detector to Detect Solvent Leaks Around Cleaning Machine.		Date
Change Contact Water Mister/Evaporator System Filters According to Manufacturer's Specifications.		Date

December 2012		
Ending Total From November 2012		45.00
Subtract Solvent Purchased in December 2011	-	0
Sub Total		45.00
Current Month Purchases		12 Month Running Total
Purchase Date	Amount Purchased	
	+	=
	+	=
Use Halogen Leak Detector to Detect Solvent Leaks Around Cleaning Machine.		Date
Change Contact Water Mister/Evaporator System Filters According to Manufacturer's Specifications.		Date

Weekly Plant Check Log

Hoses &	Doors &	Solvent	Water Separator	Still & Mud Cooker	Exhaust Damper	Diverter Valve	Cartridge Filters & Gaskets	Waste Container	Condenser Temp.	Is Temp Less Than or Equal to 45F (7.3C)	All Checks Performed By
							(V) N	Check - Labeled - Dated	21	(Y) N	By

Project Id: 84678 **Permit No:** 1030316-005-AG **Arms Number:**

Inspector: Shea Jackson **Inspection Date / Time:** 12/12/2012 / _____

Source (EU): New, Small Perchloroethylene Dry Cleaner: One 2005 Dry-to-dry Machine Multimatic SL40, serial number QR104240661 equipped with Refrigerated Condenser, and 2012 Parker natural gas boiler 15 HP

Description: [The facility records and Perc purchase invoices and leak checks performance records were up to date.]

MYK Cleaners LLC Bristol Cleaners

120 107th Avenue, Treasure Island



Project Id: 84678 **Permit No:** 1030316-005-AG **Arms Number:**

Inspector: Shea Jackson **Inspection Date / Time:** 12/12/2012 / _____

Source (EU): New, Small Perchloroethylene Dry Cleaner: One 2005 Dry-to-dry Machine
Multimatic SL40, serial number QR104240661 equipped with Refrigerated
Condenser, and 2012 Parker natural gas boiler 15 HP

Description: [The facility authorized representative performing leak check with Halogen leak detector.]

MYK Cleaners LLC Bristol Cleaners

120 107th Avenue, Treasure Island



Project Id: 84678 **Permit No:** 1030316-005-AG **Arms Number:**

Inspector: Shea Jackson **Inspection Date / Time:** 12/12/2012 / _____

Source (EU): New, Small Perchloroethylene Dry Cleaner: One 2005 Dry-to-dry Machine Multimatic SL40, serial number QR104240661 equipped with Refrigerated Condenser, and 2012 Parker natural gas boiler 15 HP

Description: [The facility authorized representative had a new Parker boiler installed 15 HP