

## BOILERS AND WATER HEATERS

### Rinnai Tankless Water Heaters

#### Rinnai SE+ (Sensei) Series Tankless Water Heaters

##### RU Models for Non-Recirc Applications

- For use when installing without a recirculation loop
- Wall mount
- Modulating condensing design (13 to 1 turndown ratio)
- Includes isolation valve kit
- Can be vented with two-pipe or concentric vent piping
- Approved for Schedule 40 PVC or polypropylene venting material
- 12 Year Heat Exchanger Warranty (registration required)



HVAC No.	MFG Part No.	Input MBH	Fuel	AFUE	Weight	Flow @70°F Rise	Flow at 50°F Rise	Price
463195	RU199i-NG	199 MBH	NG	95%	74 pounds	5.4 GPM	7.6 GPM	\$3185.70
463194	RU199i-LP	199 MBH	LP	95%	74 pounds	5.4 GPM	7.6 GPM	\$3185.70
463193	RU180i-NG	180 MBH	NG	92%	74 pounds	4.9 GPM	6.9 GPM	\$2937.88
463192	RU180i-LP	180 MBH	LP	92%	74 pounds	4.9 GPM	6.9 GPM	\$2937.88
463472	RU160i-NG	160 MBH	NG	92%	73 pounds	4.3 GPM	6.1 GPM	\$2677.10
463471	RU160i-LP	160 MBH	LP	92%	73 pounds	4.3 GPM	6.1 GPM	\$2677.10
463470	RU130i-NG	130 MBH	NG	91%	73 pounds	3.5 GPM	4.9 GPM	\$2381.70
463469	RU130i-LP	130 MBH	LP	91%	73 pounds	3.5 GPM	4.9 GPM	\$2453.76

##### RUR Models for Recirc Applications

- For use when installing with a hot water recirculation loop
- Includes recirc pump, thermal bypass valve, and isolation valve kit
- Wall mount modulating condensing
- 13:1 turndown ratio
- Can be vented with two-pipe or concentric vent piping
- Approved for Schedule 40 PVC or polypropylene venting material
- 12 Year heat exchanger warranty (registration required)



HVAC No.	MFG Part No.	Input MBH	Fuel	AFUE	Weight	Flow @70°F Rise	Flow at 50°F Rise	Price
463197	RUR199i-NG	199 MBH	NG	93%	84 pounds	5.4 GPM	7.6 GPM	\$3859.12
463196	RUR199i-LP	199 MBH	LP	93%	84 pounds	5.4 GPM	7.6 GPM	\$3746.14
463477	RUR160i-NG	160 MBH	NG	92%	83 pounds	4.3 GPM	6.1 GPM	\$3295.68
463478	RUR160i-LP	160 MBH	LP	92%	83 pounds	4.3 GPM	6.1 GPM	\$3295.68

#### Rinnai SE Series Tankless Water Heaters

##### RUCS Models

- For use when isolation valves are already installed, or are supplied separately (recommended Isolation valve kit is 44443WPR)
- Wall mount
- Modulating condensing
- 13 to 1 turndown ratio
- Can be vented with two-pipe or concentric vent piping
- Approved for Schedule 40 PVC or polypropylene venting material
- 12 Year heat exchanger warranty (registration required)



HVAC No.	MFG Part No.	Input MBH	Fuel	AFUE	Weight	Flow @70°F Rise	Flow at 50°F Rise	Price
452516	RUCS75i-NG	160 MBH	NG	90%	62 pounds	4.2 GPM	5.9 GPM	\$2450.88
452517	RUCS75i-LP	160 MBH	LP	90%	62 pounds	4.2 GPM	5.9 GPM	\$2450.88

## BOILERS AND WATER HEATERS

### Rinnai Tankless Water Heaters

#### Rinnai HE+ Series Tankless Water Heaters

##### RL Models

- Wall mount
- Non-condensing
- Includes isolation valve kit
- Venting is Rinnai concentric (see below)
- 12 Year heat exchanger warranty (registration required)



HVAC No.	MFG Part No.	Input MBH	Fuel	AFUE	Weight	Flow @70°F Rise	Flow at 50°F Rise	Price
410336	RL94i-NG	199 MBH	NG	82%	54 pounds	4.7 GPM	6.6 GPM	\$2633.84
410337	RL94i-LP	199 MBH	LP	82%	54 pounds	4.7 GPM	6.6 GPM	\$2633.84
398501	RL75i-NG	180 MBH	NG	82%	49 pounds	4.3 GPM	6.0 GPM	\$2165.60
398502	RL75i-LP	180 MBH	LP	82%	49 pounds	4.3 GPM	6.0 GPM	\$2165.60

#### Rinnai HE Series Tankless Water Heaters

##### V Models

- Excellent value in a non-condensing tankless water heater
- Non-condensing
- Wall mount
- Venting is Rinnai concentric (see below)
- Isolation valve kit sold separately (see 44443WPR in Accessories section)
- 10 Year heat exchanger warranty (registration required)



HVAC No.	MFG Part No.	Input MBH	Fuel	AFUE	Weight	Flow @70°F Rise	Flow at 50°F Rise	Price
463186	V75i-NG	180 MBH	NG	81%	50 lbs	4.3 GPM	6.0 GPM	\$1958.40
412472	V65i-LP	150 MBH	LP	81%	50 lbs	3.6 GPM	5.0 GPM	\$1672.20

#### Venting for HE+ and HE Series Rinnai Tankless Water Heaters

- 3" inner pipe is steel
- 5" outer pipe is plastic
- Concentric piping makes installations faster by reducing the number of holes and struts to be rigged.

##### Long Roof Termination



HVAC No.	MFG Part No.	Description	Price
360651	184119	Roof Discharge Termination, 38" Above Roof	\$204.18

## BOILERS AND WATER HEATERS

### Rinnai Tankless Water Heaters

#### Regular Roof Termination



HVAC No.	MFG Part No.	Description	Price
360650	184118-S	Roof Discharge Termination, 18" Above Roof	\$133.90

#### Wall Termination Kit

- Includes 90° Elbow, Rubber Wall Plate, and Universal Termination



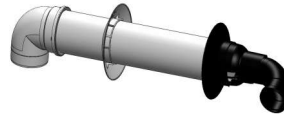
HVAC No.	MFG Part No.	Description	Price
394672	223181	12" Long Termination	\$159.10
394673	223182	21" Long Termination	\$162.56

#### Universal Termination



HVAC No.	MFG Part No.	Description	Price
415720	223183	12" Long Termination	\$87.56
411434	223184	21" Long Termination	\$97.86

#### Termination Diverter Kit



HVAC No.	MFG Part No.	Description	Price
463187	223187	Horizontal Termination Diverter Kit, 21" Long	\$175.22

#### 45° Elbow



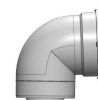
HVAC No.	MFG Part No.	Description	Price
360653	224050	Vent Pipe Elbow, 45 Degree	\$50.20

#### Condensate Collector



HVAC No.	MFG Part No.	Description	Price
360659	224069	Condensate Collector, 6" Long	\$86.68

#### 90° Elbow



HVAC No.	MFG Part No.	Description	Price
360657	224063	90 Degree Vent Pipe Elbow	\$73.38

## BOILERS AND WATER HEATERS

### Rinnai Tankless Water Heaters

#### Vent Pipe Extension



HVAC No.	MFG Part No.	Description	Price
360654	224051	10" Vent Pipe Extension	\$57.94
360655	224052	19-1/2" Vent Pipe Extension	\$82.40
360656	224053	39" Vent Pipe Extension	\$92.60

#### Telescoping Adjustable Vent Pipe



HVAC No.	MFG Part No.	Description	Price
386879	224054	Adjusts from 2.2" to 12" Long	\$89.66

#### Wall Plate



HVAC No.	MFG Part No.	Description	Price
360667	710342	White Rubber Wall Plate	\$12.90

## BOILERS AND WATER HEATERS

### Rinnai Commercial Water Heating

#### Rinnai CU Commercial Tankless Water Heater

- Wall mount
- Integrated temperature up to 185°F
- Approved for SCH40 PVC, CPVC or Polypropylene venting
- Can vent via twin pipe or concentric venting
- If vented with 2" twin pipe, can handle runs up to 65 equivalent feet
- If vented with 2"/4" concentric, can handle runs up to 65 equivalent feet
- If vented with 3"/5" concentric, can handle runs up to 150 equivalent feet.
- Multiple units can be cascaded with use of optional Cascade Cable
- Warranty (registration required):
  - Heat exchanger is 8 years or 12,000 operation hours, whichever comes first.
  - Parts are warranted for 5 years
  - Labor is 2 years



HVAC No.	MFG Part No.	Input MBH	Fuel	AFUE	Price
463474	CU199iN	199 MBH	NG	97%	\$3408.56
463473	CU199iP	199 MBH	LP	97%	\$3246.92

#### Accessories for Rinnai CU Commercial Tankless Water Heater

HVAC No.	MFG Part No.	Description	Price
466907	REU-CSA-C1	Cascade Cable, allows cascading of up to 25 units, 9 feet long	\$74.22
468410	REU-CSA-C2	Cascade Cable, allows cascading of up to 25 units, 25 feet long	\$127.08
468413	REU-EZC-2	EZ Connect Cable, allows cascading of up to 2 units	\$84.34
461297	RWM101	Control-R Wi-Fi Adaptor Module	\$227.12
459537	103000038	ScaleCutter Hard Water Treatment System, 3/4" Feed	\$351.42
468408	103000039	ScaleCutter System Refill	\$199.26
466908	103000067	Commercial Neutralization Tank w/Media	\$668.92
468409	103000068	Commercial Neutralization Replacement Media (40 pounds)	\$180.22
463479	103000076	LP-NG Conversion Kit. Converts Either Way	\$69.46

#### Rinnai Demand Duo Commercial Hybrid Water Heater

- Part tank, part tankless
- Keeps pace with demand, from brief, high-spike draws to a longer more consistent demand.
- 119 gallon storage tank combined with a 199MBH tankless heater
- Natural gas or propane
- 97% thermal efficiency
- Use of a tankless unit for heating eliminates thermal stress on the tank, for longer unit life
- Warranty (Registration Required):
  - 8 year (or 12,000 hours, whichever is first) heat exchanger warranty
  - 6 year tank warranty
  - 5 year parts warranty
  - 2 year labor warranty



HVAC No.	MFG Part No.	Input MBH	Fuel	AFUE	Price
464810	CHS199100CUiN	199 MBH	NG	97%	\$11958.82
468402	CHS199100CUiP	199 MBH	LP	97%	\$11958.82

## BOILERS AND WATER HEATERS

### Rinnai Commercial Water Heating

#### Accessories for Demand Duo Commercial Hybrid Water Heater

HVAC No.	MFG Part No.	Description	Price
461297	RWM101	Control-R Wi-Fi Adaptor Module	\$227.12
466908	103000067	Commercial Neutralization Tank w/Media	\$668.92
468409	103000068	Commercial Neutralization Replacement Media (40 pounds)	\$180.22
463479	103000076	LP-NG Conversion Kit. Converts Either Way	\$69.46

#### Rinnai Demand Duo 2 Commercial Hybrid Water Heater

- Keeps pace with demand, from brief, high-spike draws to a longer more consistent demand.
- 119 gallon storage tank combined with two 199MBH tankless heaters for total 398 MBH of heating
- Two water heaters gives builtin redundancy
- Natural gas or propane
- 97% thermal efficiency
- Use of a tankless unit for heating eliminates thermal stress on the tank, for longer unit life
- Ships in two pieces for easy handling in tight installation space
- Warranty (Registration Required)
  - 8 year (or 12,000 hours, whichever is first) heat exchanger warranty
  - 6 year tank warranty
  - 5 year parts warranty
  - 1 year labor warranty



HVAC No.	MFG Part No.	Input MBH	Fuel	AFUE	Price
468396	CHS398100CUIN	398 MBH	NG	97%	\$22344.12
468397	CHS398100CUiP	398 MBH	LP	97%	\$22344.12

#### Accessories for Rinnai Demand Duo 2 Commercial Hybrid Water Heater

HVAC No.	MFG Part No.	Description	Price
461297	RWM101	Control-R Wi-Fi Adaptor Module	\$227.12
466908	103000067	Commercial Neutralization Tank w/Media	\$668.92
468409	103000068	Commercial Neutralization Replacement Media (40 pounds)	\$180.22
463479	103000076	LP-NG Conversion Kit. Converts Either Way. 2 Required	\$69.46

## BOILERS AND WATER HEATERS

### Lochinvar Boilers and Combi Units

#### Lochinvar Knight Floor Mount Boilers

- Up to 96% AFUE (up to 98.6% AFUE for low temperature applications)
- ENERGY STAR® rated
- May qualify for federal tax credits
- Includes 0-10 VDC ECM pump
- Condensing stainless steel heat exchanger
- SMART SYSTEM™ color display control makes troubleshooting easy
- Up to 3 set point temperatures with outdoor reset for each temperature loop
- Multiple boiler installation - up to 8 Knight boilers can be configured together
- Low NOx certified
- 15 year heat exchanger limited warranty
- 5 year parts limited warranty
- Not available in New York state



HVAC No.	MFG Part No.	Input MBH	Mount	AFUE	Flue Size	Weight	Price
463576	KHB055N	55 MBH	Floor	95%	2"	160 lbs	\$5837.46
463577	KHB085N	85 MBH	Floor	95%	2"	165 lbs	\$6070.02
463578	KHB110N	110 MBH	Floor	95%	3"	170 lbs	\$6301.20
463579	KHB155N	155 MBH	Floor	95%	3"	175 lbs	\$7526.02
463580	KHB199N	199 MBH	Floor	95%	3"	195 lbs	\$8983.28
463581	KHB285N	285 MBH	Floor	95%	3"	205 lbs	\$12399.20

#### Accessories for Lochinvar Knight Floor Mount Boilers

HVAC No.	MFG Part No.	Description	Price
463899	100268040	LP Conversion Kit for KHB055N	\$102.80
452340	100268104	LP Conversion Kit for KHB085N	\$100.02
463902	100285815	LP Conversion Kit for KHB110N	\$102.80
463903	100285817	LP Conversion Kit for KHB155N	\$102.80
465707	100285818	LP Conversion Kit for KHB199N	\$107.82
452344	100268109	LP Conversion Kit for KHB285N	\$160.90

## BOILERS AND WATER HEATERS

### Lochinvar Boilers and Combi Units

#### Lochinvar Knight Wall Mount Boilers

- Natural gas fired (LP with optional conversion kit)
- Hot water output
- Up to 96% AFUE (up to 98.6% AFUE for low temperature applications)
- ENERGY STAR® rated
- Stainless steel heat exchanger
- Includes 0-10 VDC ECM pump
- SMART SYSTEM™ color display control makes troubleshooting easy
- Up to 3 set point temperatures with outdoor reset for each temperature loop
- Multiple boiler installation - up to 8 Knight boilers can be configured together
- Low NOx certified
- 15 year heat exchanger limited warranty
- 5 year parts limited warranty
- Not available in New York state



HVAC No.	MFG Part No.	Input MBH	Mount	Efficiency	Venting	Weight	Price
463582	WHB055N	55 MBH	Wall	95%	2"	139 lbs	\$5837.46
463583	WHB085N	85 MBH	Wall	95%	2"	142 lbs	\$6070.02
463584	WHB110N	110 MBH	Wall	95%	3"	159 lbs	\$6301.20
463585	WHB155N	155 MBH	Wall	95%	3"	166 lbs	\$7526.02
463586	WHB199N	199 MBH	Wall	95%	3"	175 lbs	\$8983.28
463587	WHB285N	285 MBH	Wall	95%	3"	184 lbs	\$12399.20
463588	WHB399N	400 MBH	Wall	95%	4"	213 lbs	\$16334.38

#### Accessories for Lochinvar Knight Wall Mount Boilers

HVAC No.	MFG Part No.	Description	Price
463899	100268040	LP Conversion Kit for WHB055N	\$102.80
452340	100268104	LP Conversion Kit for WHB085N	\$100.02
463902	100285815	LP Conversion Kit for WHB110N	\$102.80
463903	100285817	LP Conversion Kit for WHB155N	\$102.80
465707	100285818	LP Conversion Kit for WHB199N	\$107.82
452344	100268109	LP Conversion Kit for WHB285N	\$160.90



## BOILERS AND WATER HEATERS

### Lochinvar Boilers and Combi Units

#### Lochinvar Noble Wall Mount Boilers

- 95% AFUE
- Natural Gas fired (LP with optional conversion kit)
- Hot water output
- 10 to 1 turndown ratio
- Text-based display for plain language setup
- Vent with PVC, CPVC, polypropylene, or stainless steel up to 100 feet
- Vertical and Horizontal Direct Vent
- Zero clearances to combustible materials
- Wall mount (can be floor mounted with optional floor stand)
- Can cascade up to 8 units
- 10 year heat exchanger limited warranty
- 5 year parts limited warranty
- Not available in New York state



HVAC No.	MFG Part No.	Input MBH	Mounting	Efficiency	Venting	Weight	Price
463917	NKB080N	80 MBH	Wall	95%	2"	125 lbs	\$3743.66
463918	NKB110N	110 MBH	Wall	95%	3"	131 lbs	\$3930.78
463919	NKB150N	150 MBH	Wall	95%	3"	136 lbs	\$4275.90

#### Accessories for Lochinvar Noble Boilers

HVAC No.	MFG Part No.	Description	Price
463921	100280561	LP Conversion Kit for NKB080N	\$154.70
459880	100275546	LP Conversion Kit for NKB110N	\$107.82
459879	100275548	LP Conversion Kit for NKB150N	\$107.82
460455	MSF300018	Floor Stand for Noble Boilers and Combis	\$823.52

#### Lochinvar Solution Boilers

- 84% AFUE
- Natural gas or LP fired
- Hot water output
- Chimney vented
- Sizes 45 through 135 can be sidewall vented with optional vent kit
- Optional sidewall vent kit also allows venting with PVC
- ASME copper-finned tube heat exchanger with cast iron headers
- 2-stage gas valve
- Pre-piped with pumped performance loop for easy hookup
- 20 year limited heat exchanger warranty
- 2 year parts warranty
- Not available in New York state



HVAC No.	MFG Part No.	Input MBH	Efficiency	Fuel	Venting	Weight	Price
393383	CBN045-M9	45 MBH	84%	Natural Gas	4"	145 lbs	\$2688.90
393387	CBN075-M9	75 MBH	84%	Natural Gas	5"	155 lbs	\$2801.76
393388	CBN090-M9	90 MBH	84%	Natural Gas	5"	155 lbs	\$2915.88
393391	CBN135-M9	135 MBH	84%	Natural Gas	6"	175 lbs	\$3254.46
393394	CBN180-M9	180 MBH	84%	Natural Gas	7"	195 lbs	\$3595.54
393396	CBN215-M9	215 MBH	84%	Natural Gas	7"	220 lbs	\$4352.10
393397	CBN260-M9	260 MBH	84%	Natural Gas	8"	225 lbs	\$5197.54
393364	CBL045-M9	45 MBH	84%	LP	4"	145 lbs	\$2688.90
393368	CBL075-M9	75 MBH	84%	LP	5"	155 lbs	\$2801.78
393369	CBL090-M9	90 MBH	84%	LP	5"	155 lbs	\$2915.86

## BOILERS AND WATER HEATERS

### Lochinvar Boilers and Combi Units

#### Lochinvar Solution Boilers (Continued)

HVAC No.	MFG Part No.	Input MBH	Efficiency	Fuel	Venting	Weight	Price
393372	CBL135-M9	135 MBH	84%	LP	6"	175 lbs	\$3254.46
393375	CBL180-M9	180 MBH	84%	LP	7"	195 lbs	\$3595.54
393377	CBL215-M9	215 MBH	84%	LP	7"	220 lbs	\$4352.10
393378	CBL260-M9	260 MBH	84%	LP	8"	225 lbs	\$5197.54

#### Accessories for Lochinvar Solution Boilers

HVAC No.	MFG Part No.	Description	Price
410370	100157733	Optional Sidewall Vent Kit for sizes 45, 75	\$615.22
393776	100157734	Optional Sidewall Vent Kit for sizes 90, 135	\$615.22

#### Lochinvar Noble Combi Units

- 95% AFUE
- 10 to 1 turndown ratio
- Natural gas fired (LP with optional conversion kit)
- 110 size delivers 2.6 gpm with 77°F temperature rise
- 150 size delivers 3.6 gpm with 77°F temperature rise
- 199 size delivers 4.8 gpm with 77°F temperature rise
- Vent with PVC, CPVC, polypropylene, or stainless steel , 2-pipe or concentric
- Vertical and Horizontal Direct Vent
- Zero clearances to combustible materials
- Wall mount (can be floor mounted with optional floor stand)
- 10 year heat exchanger limited warranty
- 5 year parts limited warranty
- Not available in New York state



HVAC No.	MFG Part No.	Input MBH	Efficiency	Mounting	Venting	Weight	Price
458944	NKC110N	110 MBH	95%	Wall	3"	139 lbs	\$4220.46
458876	NKC150N	150 MBH	95%	Wall	3"	142 lbs	\$4564.20
458945	NKC199N	199 MBH	95%	Wall	3"	159 lbs	\$5298.80

#### Accessories for Lochinvar Noble Combi Units

HVAC No.	MFG Part No.	Description	Price
459880	100275546	Optional LP Conversion Kit for NKC110N	\$107.82
459879	100275548	Optional LP Conversion Kit for NKC150N	\$107.82
459881	100275549	Optional LP Conversion Kit for NKC199N	\$107.82
459344	100208652	Low Water Cut-Off with Manual Reset	\$459.42
458877	100112156	3/4" Isolation / Flush Valves	\$254.26
460455	MSF300018	Floor Stand for Noble Boilers and Combis	\$823.52

## BOILERS AND WATER HEATERS

### Lochinvar Boilers and Combi Units

#### Squire Series Indirect Water Heaters

- Built in the USA
- SIT is constructed from stainless steel, with a fully welded construction, for no gaskets or seals
- GIT is glass-lined
- Stainless steel heating coil efficiently transfers BTUs to minimize heat loss
- Limited lifetime heat exchanger warranty
- SIT has lifetime limited warranty
- GIT has 6 year limited warranty
- Not available in New York state



HVAC No.	MFG Part No.	Capacity	Tank Material	Weight	Price
466895	GIT040	40 Gallon	Glass-Lined	165 lbs	\$2007.42
466896	GIT050	50 Gallon	Glass-Lined	200 lbs	\$2447.18
466897	GIT080	70 Gallon	Glass-Lined	250 lbs	\$3213.88
466898	GIT119	115 Gallon	Glass-Lined	320 lbs	\$4808.12
393547	SIT030	27 Gallon	Stainless Steel	79 lbs	\$1939.66
393548	SIT040	40 Gallon	Stainless Steel	105 lbs	\$2160.20
393549	SIT050	52 Gallon	Stainless Steel	131 lbs	\$2583.54
393550	SIT065	67 Gallon	Stainless Steel	147 lbs	\$3222.76
393551	SIT080	82 Gallon	Stainless Steel	177 lbs	\$3566.46
393552	SIT119	113 Gallon	Stainless Steel	213 lbs	\$5444.82

## BOILERS AND WATER HEATERS

### Dunkirk Boilers and Combis

#### Dunkirk Helix VLT Boilers

- Natural gas input (propane with optional kit)
- Hot water output
- Wall mounted
- Up to 95% AFUE
- ENERGY STAR® rated
- Condensing/Modulating Boiler
- VLT features primary piping preinstalled
- System circulator by others
- Low maintenance, self-cleaning
- Stainless steel premix burner
- Limited 15 year heat exchanger warranty
- 1 year limited warranty on parts
- Made in the USA
- Not available in New York state



HVAC No.	MFG Part No.	Description	Input MBH	Flue Size	Weight	Price
438763	DKVLT050	Primary Piping Preinstalled	50	2"	111 lbs	\$6603.52
438764	DKVLT75	Primary Piping Preinstalled	75	2" or 3"	111 lbs	\$6731.92
438765	DKVLT100	Primary Piping Preinstalled	100	3"	111 lbs	\$7043.76
438766	DKVLT150	Primary Piping Preinstalled	150	3"	182 lbs	\$8531.20
438767	DKVLT200	Primary Piping Preinstalled	200	3" or 4"	182 lbs	\$9110.40

#### Accessories

HVAC No.	MFG Part No.	Description	Price
448130	550002303	LP Conversion Kit for DKVLT050	\$101.54
448131	550002304	LP Conversion Kit for DKVLT075	\$101.54
448132	550002305	LP Conversion Kit for DKVLT100	\$101.54
448133	550002306	LP Conversion Kit for DKVLT150	\$101.54
451819	550002307	LP Conversion Kit for DKVLT200	\$101.54

## BOILERS AND WATER HEATERS

### Dunkirk Boilers and Combis

#### Dunkirk DCB Series Self-Commissioning Boiler

- Natural or propane gas Input
- Hot water output
- Wall mounted
- Up to 95% AFUE
- ENERGY STAR® rated
- Condensing/Modulating Boiler
- 5.7 to 1 modulation
- Self-commissioning function eliminates need for combustion analyzer during setup
- Continuously monitors combustion and adjusts gas and air flow to optimize combustion and fuel savings
- Burns natural gas or LP with no conversion needed
- Primary - secondary manifold is included, for field installation
- Venting is 2-pipe (3") or concentric polypropylene
- Includes connections for indirect tank
- Limited 10 year heat exchanger warranty
- 2 year limited warranty on parts and labor (registration required)
- Made in the USA
- Not available in New York state



HVAC No.	MFG Part No.	Input MBH	Mounting	Efficiency	Venting	Weight	Price
456167	DCB-125	125 MBH	Wall	95%	3"	102 lbs	\$4712.52
463914	DCB-165	164 MBH	Wall	95%	2" or 3"	125 lbs	\$5532.94

#### Dunkirk DCBF Series Self-Commissioning Boiler

- Natural or propane gas Input
- Hot water output
- Floor mounted
- Up to 95% AFUE
- Condensing/Modulating Boiler
- 5.7 to 1 modulation
- Self-commissioning function eliminates need for combustion analyzer during setup
- Continuously monitors combustion and adjusts gas and air flow to optimize combustion and fuel savings
- Burns natural gas or LP with no conversion needed
- Primary-secondary manifold is included, factory-installed
- Venting is 2-pipe (2" or 3") CPVC or polypropylene, OR 2" / 4" concentric polypropylene
- Includes connections for indirect tank
- Limited 10 year heat exchanger warranty
- 2 year limited warranty on parts and labor (registration required)
- Made in the USA
- Not available in New York state



HVAC No.	MFG Part No.	Input MBH	Mounting	Efficiency	Venting	Weight	Price
467839	DCBF-125	125 MBH	Floor	95%	2" or 3"	150 lbs	\$5129.40

# BOILERS AND WATER HEATERS

## Dunkirk Boilers and Combis

### Dunkirk DXL Series Boilers

- Natural gas input (propane with optional kit)
- Hot water output
- Up to 83.5% AFUE
- Cast iron heat exchanger
- Atmospheric chimney venting with an electronic vent damper
- Includes built-in Taco 007E system circulator
- Built-in low water cut-off
- Integral draft diverter for low profile installation
- Advanced control with digital display
- Residential 20 year limited heat exchanger warranty
- 1 year limited warranty on parts
- Made in the USA
- Not available in New York state



HVAC No.	MFG Part No.	Description	Input MBH	AFUE	Flue Size	Weight	Price
440012	DXL-50	Atmospheric Gas Fired Water Boiler	50	83.5%	4"	205 lbs	\$3620.50
440013	DXL-75	Atmospheric Gas Fired Water Boiler	75	83.1%	5"	253 lbs	\$3869.84
439965	DXL-100	Atmospheric Gas Fired Water Boiler	100	83%	6"	253 lbs	\$4044.24
440014	DXL-125	Atmospheric Gas Fired Water Boiler	125	82%	6"	315 lbs	\$4385.08
440015	DXL-150	Atmospheric Gas Fired Water Boiler	150	83%	7"	315 lbs	\$4795.90
440016	DXL-170	Atmospheric Gas Fired Water Boiler	170	82%	7"	377 lbs	\$5629.66
440017	DXL-200	Atmospheric Gas Fired Water Boiler	200	82%	8"	377 lbs	\$5963.18

### Accessories

HVAC No.	MFG Part No.	Description	Price
448137	550002663	LP Kit for DXL-50,100,150,200	\$184.04
448138	550002664	LP Kit for DXL-75	\$184.04
448139	550002665	LP Kit for DXK-125, 170	\$184.04

### Dunkirk XEB Series Boilers

- Natural gas input (propane with optional kit)
- Hot water output
- Up to 84.4% AFUE
- Honeywell high limit/electronic control
- Induced draft fan
- Small, compact design
- Cast iron heat exchanger & push nipples
- User display interface
- Residential 20 year limited heat exchanger warranty
- 1 year limited warranty on parts
- Made in the USA
- Not available in New York state



HVAC No.	MFG Part No.	Description	Input MBH	AFUE	Flue Size	Weight	Price
428029	XEB-3	Atmospheric Gas Fired Water Boiler	75	84.4%	4" / 3"	265 lbs	\$4369.00
443454	XEB-4	Atmospheric Gas Fired Water Boiler	112	83%	4" / 3"	322 lbs	\$4578.50
443455	XEB-5	Atmospheric Gas Fired Water Boiler	150	82.7%	4" / 3"	370 lbs	\$5392.88
429179	XEB-6	Atmospheric Gas Fired Water Boiler	187	82.3%	4" / 4"	431 lbs	\$6320.04

### Accessories

HVAC No.	MFG Part No.	Description	Price
448140	550002722	LP Kit for XEB boiler	\$184.04

## BOILERS AND WATER HEATERS

### Dunkirk Boilers and Combis

#### Dunkirk PSB Series Boilers

- Natural Gas input (LP with optional kit)
- Steam output
- Up to 82.7% AFUE
- Chimney venting
- Electronic ignition system
- Automatic vent damper
- Cast iron sections & push nipples
- Titanium composite burners for longevity
- Electronic LWCO for added safety
- Residential 12 year limited heat exchanger warranty
- 1 year limited warranty on parts
- Made in the USA
- Not available in New York state



HVAC No.	MFG Part No.	Description	Input MBH	AFUE	Flue Size	Weight	Price
427244	PSB-3D	Atmospheric Gas Fired Steam Boiler	75	82.7%	5"	297 lbs	\$4864.26
443449	PSB-4D	Atmospheric Gas Fired Steam Boiler	112	82%	6"	368 lbs	\$5312.84
443730	PSB-5D	Atmospheric Gas Fired Steam Boiler	150	82%	6"	440 lbs	\$5988.20
443732	PSB-6D	Atmospheric Gas Fired Steam Boiler	187	82%	7"	512 lbs	\$6820.30
443453	PSB-7D	Atmospheric Gas Fired Steam Boiler	225	82%	7"	584 lbs	\$7520.68
442762	PSB-8D	Atmospheric Gas Fired Steam Boiler	262	82%	7"	659 lbs	\$7979.20
430808	PSB-9D	Atmospheric Gas Fired Steam Boiler	299	82%	7"	736 lbs	\$8404.80

#### Accessories

HVAC No.	MFG Part No.	Description	Price
448141	43300723	LP Kit for PSB-3D	\$107.88
448142	43300724	LP Kit for PSB-4D	\$107.88
448143	43300725	LP Kit for PSB-5D	\$107.88
448144	43300726	LP Kit for PSB-6D	\$129.04
448145	43300727	LP Kit for PSB-7D	\$129.04
448146	43300728	LP Kit for PSB-8D	\$129.04
448147	43300729	LP Kit for PSB-9D	\$129.04

#### Dunkirk EXB Series (Excelsior) Boilers

- Oil input
- Hot water output
- Up to 87% AFUE
- ENERGY STAR® rated on select sizes
- Chimney venting (direct vent models available)
- Cast iron sections & push nipples
- Multiple firing rates
- Swing-open front of cabinet - provides easy access for servicing and maintaining the burner / boiler.
- Residential 20 year limited heat exchanger warranty
- 1 year limited warranty on parts
- Made in the USA
- Not available in New York state



HVAC No.	MFG Part No.	Input MBH	AFUE	Flue Size	Weight	Price
437239	EXB4075	105	87%	5"	436 lbs	\$4547.48
448017	EXB4095	133	85%	5"	436 lbs	\$4547.48
438145	EXB5100	140	87%	5"	496 lbs	\$5169.24
448018	EXB4110	154	84%	5"	436 lbs	\$4547.48



## BOILERS AND WATER HEATERS

### Dunkirk Boilers and Combis

#### Dunkirk EXB Series (Excelsior) Boilers (Continued)

HVAC No.	MFG Part No.	Input MBH	AFUE	Flue Size	Weight	Price
451889	EXB5115	161	85%	5"	496 lbs	\$5169.24
451891	EXB6130	182	87%	5"	560 lbs	\$5135.76
451890	EXB5135	189	84%	5"	496 lbs	\$5169.24
451892	EXB6145	203	85%	5"	560 lbs	\$5135.76
451893	EXB7165	231	87%	6"	620 lbs	\$6193.42

#### Dunkirk Empire (EW) Series Boilers

- Oil input
- Hot water output
- Up to 86.5% AFUE
- ENERGY STAR® rated on select sizes
- Chimney venting
- Cast iron sections & push nipples
- Multiple firing rates
- Swing burner door - provides easy access for servicing and maintaining the burner / boiler.
- Residential 20 year limited heat exchanger warranty
- 1 year limited warranty on parts
- Made in the USA
- Not available in New York state



HVAC No.	MFG Part No.	Description	Input MBH	AFUE	Flue Size	Weight	Price
434898	3EW.75Z	Oil Boiler Without Tankless Coil	91	85.2%	6"	470 lbs	\$5229.70
434840	4EW.90Z	Oil Boiler Without Tankless Coil	126	86%	6"	545 lbs	\$5776.16
438773	5EW1.20Z	Oil Boiler Without Tankless Coil	168	86.5%	6"	630 lbs	\$7378.22
438771	4EW1.25Z	Oil Boiler Without Tankless Coil	175	85%	6"	545 lbs	\$5776.16
436479	3EW.75T	Oil Boiler With Tankless Coil	91	85.2%	6"	470 lbs	\$6088.06
436481	4EW.90T	Oil Boiler With Tankless Coil	126	86%	6"	545 lbs	\$6987.90
436483	4EW1.25T	Oil Boiler With Tankless Coil	175	85%	6"	545 lbs	\$6987.90
436485	5EW1.20T	Oil Boiler With Tankless Coil	245	84.3%	6"	630 lbs	\$8207.64

#### Dunkirk Glass-Lined Indirect Water Heaters

- Glass-Lined Steel Tank and Coil
- Magnesium anode rod for corrosion protection
- Flexible scratch resistant jacket
- Includes Aquastat, temperature/pressure relief valve, water tank temperature gauge
- Residential limited warranty is 8 years on tank, 5 years on parts
- Not available in New York state



HVAC No.	MFG Part No.	Capacity	Tank	Weight	Price
464675	H2OIG40DK	42 Gallons	Glass-Lined Steel	180 lbs	\$1884.76
464676	H2OIG50DK	53 Gallons	Glass-Lined Steel	200 lbs	\$2147.54
464677	H2OIG80DK	79 Gallons	Glass-Lined Steel	243 lbs	\$2979.40
464678	H2OIG105DK	106 Gallons	Glass-Lined Steel	393 lbs	\$4465.72



## BOILERS AND WATER HEATERS

### Dunkirk Boilers and Combis

#### Dunkirk Stainless Steel Indirect Water Heaters

- Type 316L stainless steel tank and coil
- Top connections for easy installation
- Thermoplastic jacket
- Low pressure drop
- Large diameter, smooth coil
- Temperature / pressure valve, stainless steel aquastat well and drain valve included
- 2.25" EPS insulation (less than .5F per hour standby loss)
- Residential lifetime limited heat exchanger warranty and 1 year limited warranty on all components
- Commercial limited 5 year warranty
- Not available in New York state



HVAC No.	MFG Part No.	Capacity	Tank	Weight	Price
439774	H2OI40DK	40 Gallon	316L Stainless Steel	100 lbs	\$2502.56
440018	H2OI60DK	60 Gallon	316L Stainless Steel	125 lbs	\$3497.00
447869	H2OI80DK	80 Gallon	316L Stainless Steel	140 lbs	\$3837.04

#### Dunkirk DCC Self-Commissioning Combi Unit

- Natural or propane gas Input
- Hot water output
- Wall mounted
- Up to 95% AFUE
- ENERGY STAR® rated
- Condensing/Modulating Combi Unit
- 5.5 to 1 modulation in heating mode
- 7.1 to 1 modulation in DHW mode
- DCC-150 delivers 3.5 gpm with 70°F temperature rise
- DCC-205 delivers 5.0 gpm with 70°F temperature rise
- Self-commissioning function eliminates need for combustion analyzer during setup
- Continuously monitors combustion and adjusts gas and air flow to optimize combustion and fuel savings
- Burns natural gas or LP with no conversion kit needed
- Primary - secondary manifold is included, for field installation
- Venting is 2-pipe (3") or concentric polypropylene
- Includes connections for indirect tank
- Limited 10 year heat exchanger warranty
- 2 year limited warranty on parts
- Made in the USA
- Not available in New York state



HVAC No.	MFG Part No.	Input MBH	Efficiency	Twin Pipe Venting	Coaxial Venting	Weight	Price
456168	DCC-150	150 MBH	95%	3"	2" / 4"	103 lbs	\$5032.68
463916	DCC-205	205 MBH	95%	3" or 2"	3" / 5"	125 lbs	\$5841.44

## BOILERS AND WATER HEATERS

### *Dunkirk Boilers and Combis*

#### **Dunkirk DCCF Self-Commissioning Combi Unit**

- Natural or propane gas Input
- Hot water output
- Floor mounted
- Up to 95% AFUE
- ENERGY STAR® rated
- Condensing/Modulating Combi Unit
- 5.7 to 1 modulation in heating mode
- 7 to 1 modulation in DHW mode
- DCC-150 delivers 3.5 gpm with 70°F temperature rise
- DCC-205 delivers 5.0 gpm with 70°F temperature rise
- Self-commissioning function eliminates need for combustion analyzer during setup
- Continuously monitors combustion and adjusts gas and air flow to optimize combustion and fuel savings
- Burns natural gas or LP with no conversion kit needed
- Primary - secondary manifold is included, factory installed
- Venting is 2-pipe (3") or concentric polypropylene
- Includes connections for indirect tank
- Limited 10 year heat exchanger warranty
- 2 year limited warranty on parts
- Made in the USA
- Not available in New York state



HVAC No.	MFG Part No.	Input MBH	Efficiency	Twin Pipe Venting	Coaxial Venting	Weight	Price
467641	DCCF-150	125 MBH	95%	2" or 3"	2"/4"	150 lbs	\$5477.92

## BOILERS AND WATER HEATERS

### Pennco Boilers

#### 15B Series Gas Boilers

- 82% AFUE
- High limit control
- Natural gas input (LP with optional conversion kit)
- Hot water output
- Includes factory-installed Low Water Cutoff
- Compact, low profile draft hood and top supply piping connections allow for easier installation
- Sections connected with cast iron push nipples to ensure a water tight seal
- Combination gas control includes automatic gas valve, gas pressure regulator, intermittent pilot, safety shut off, pilot flow adjustment and pilot filter
- 20 year limited heat exchanger warranty
- 1 year limited warranty on parts
- Not available in Western PA



HVAC No.	MFG Part No.	Description	Input MBH	Flue Size	Weight	Price
461028	15B045FE W/LWCO	Gas Fired Atmospheric Boiler W/LWCO	45	4"	255 lbs	\$2582.88
461029	15B070FE W/LWCO	Gas Fired Atmospheric Boiler W/LWCO	70	5"	305 lbs	\$2756.06
461030	15B096FE W/LWCO	Gas Fired Atmospheric Boiler W/LWCO	96	5"	310 lbs	\$2909.24
461031	15B120FE W/LWCO	Gas Fired Atmospheric Boiler W/LWCO	120	6"	355 lbs	\$3199.64
461032	15B145FE W/LWCO	Gas Fired Atmospheric Boiler W/LWCO	145	6"	360 lbs	\$3399.44
461033	15B170FE W/LWCO	Gas Fired Atmospheric Boiler W/LWCO	170	7"	420 lbs	\$3821.72
461034	15B195FE W/LWCO	Gas Fired Atmospheric Boiler W/LWCO	195	7"	425 lbs	\$4235.98

#### Accessories for Pennco 15B Series Gas Boilers

HVAC No.	MFG Part No.	Description	Price
448516	550001279	LP Conversion Kit for 15B045FE	\$101.54
448517	550001280	LP Conversion Kit for 15B070FE	\$101.54
448518	550001281	LP Conversion Kit for 15B096FE	\$101.54
448519	550001282	LP Conversion Kit for 15B120FE and 15B170FE	\$122.70
448520	550001283	LP Conversion Kit for 15B145FE	\$122.70
448522	550001285	LP Conversion Kit for 15B195FE	\$122.70

#### KW Series 2 Oil Boilers

- Features a Honeywell high limit and circulator relay control with digital temperature display and diagnostics
- Oil-fired boiler
- Available with or without tankless coil
- "With tankless coil" version includes Low limit control
- Atmospheric, chimney vented
- Extra boiler tap for expansion tank or air elimination
- 20 year limited heat exchanger warranty
- 1 year limited warranty on parts
- Not available in Western PA



HVAC No.	MFG Part No.	Description	Input MBH	AFUE	Flue Size	Price
448822	3KW.75Z	Oil Fired Water Boiler Less Tankless Coil	105	85.6%	6"	\$3213.72
448823	4KW1.50Z	Oil Fired Water Boiler Less Tankless Coil	210	85.1%	6"	\$3588.08
448824	5KW1.75Z	Oil Fired Water Boiler Less Tankless Coil	245	85%	6"	\$4362.68
448825	3KW.75T	Oil Fired Water Boiler With Tankless Coil	105	85.6%	6"	\$3602.32
448826	4KW1.50T	Oil Fired Water Boiler With Tankless Coil	210	85.1%	6"	\$4229.26
448827	5KW1.75T	Oil Fired Water Boiler With Tankless Coil	245	85%	6"	\$4860.10

## BOILERS AND WATER HEATERS

### ***Pennco Boilers***

#### **Accessories for Pennco KW Series 2 Oil Boilers**

HVAC No.	MFG Part No.	Description	Price
448878	550002646	Opt. Rerate Kit, Changes 0.75 to 140 or 84 MBH Input	\$52.88
448879	550002647	Opt. Rerate Kit, Changes 1.50 to 175 or 126 MBH Input	\$52.88
448880	550002648	Opt. Rerate Kit, Changes 1.75 to 280 or 168 MBH Input	\$126.92

## BOILERS AND WATER HEATERS

### IBC Boilers and Combi Units

#### HC Series Condensing Boilers

- Copper heat exchanger
- Up to 95% AFUE
- Modulating condensing design
- Full ASME rated vessel
- Built-in boiler pump
- Includes Air Vent, Outdoor Sensor, and Relief Valve
- Approved for Schedule 40 PVC, CPVC, and Polypropylene venting material
- 10 year limited warranty
- Available in New York state



HVAC No.	MFG Part No.	Input MBH	Fuel	AFUE	Weight	Price
456693	HC-20-125	20-125 MBH	Natural Gas	95%	85 lbs	\$4094.00
456694	HC-33-160	33-160 MBH	Natural Gas	95%	85 lbs	\$4243.42

#### SL Series Condensing Boilers

- 96% AFUE
- Modulating condensing design
- Stainless steel fire tube heat exchanger
- The 40-399 size is also available with an optional 316Ti heat exchanger for greater resistance to aggressive water
- Supply and return connections are on the same side, for more convenient piping connection
- Touch-screen setup
- Approved for Schedule 40 PVC, CPVC, and Polypropylene venting material
- Sizes 85, 115, 160, and 199 include LP conversion kit
- For sizes 260 and 399 LP kit is purchased separately
- Limited lifetime residential heat exchanger warranty
- Available in New York state



HVAC No.	MFG Part No.	Input MBH	Fuel	AFUE	Weight	Price
466011	SL 10-85 G3	10.6-85 MBH	Natural Gas	96%	85 lbs	\$6719.22
466012	SL 14-115 G3	14-115 MBH	Natural Gas	95%	85 lbs	\$6778.92
466013	SL 20-160 G3	20-160 MBH	Natural Gas	95%	102 lbs	\$8397.84
466014	SL 30-199 G3	32-199 MBH	Natural Gas	95%	152 lbs	\$10099.32
466015	SL 26-260 G3	26-260 MBH	Natural Gas	95%	162 lbs	\$10847.76
466016	SL 40-399 G3	40-399 MBH	Natural Gas	96%	240 lbs	\$17504.52
466017	SL 40-399(Ti) G3	40-399 MBH	Natural Gas	96%	240 lbs	\$19485.84

#### DC Series Combi Units

- Up to 94% AFUE
- Modulating condensing design
- Two independent copper coils embedded in a cast aluminum heat exchanger
- Delivers 70°F temperature rise at 3.2 GPM
- Built-in boiler pump
- Includes Air Vent, Outdoor Sensor, and Relief Valve
- Approved for Schedule 40 PVC, CPVC, or Polypropylene venting material
- 10 year limited warranty
- Available in New York state



HVAC No.	MFG Part No.	Input MBH	Fuel	AFUE	Weight	Price
456695	DC 20-125	20-125 MBH	Natural Gas	95%	85 lbs	\$4228.84

## BOILERS AND WATER HEATERS

### IBC Boilers and Combi Units

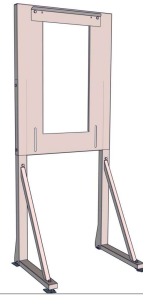
#### DC Series Combi Units (Continued)

HVAC No.	MFG Part No.	Input MBH	Fuel	AFUE	Weight	Price
456696	DC 33-160	33-160 MBH	Natural Gas	94%	85 lbs	\$4452.38

#### Accessories for IBC Boilers and Combi Units

##### Floor Stands

- Enables the mounting of a boiler or combi when a wall location is not available or convenient



HVAC No.	MFG Part No.	Description	Price
465599	P-267	Floor Stand for SL Series sizes up to 199 MBH, all DC Combis, all HC Boilers	\$340.64
467596	P-266	Floor Stand for SL Series sizes 260 and 399	\$439.96

##### Primary-Secondary Piping Manifold

- Makes installation go faster and better



HVAC No.	MFG Part No.	Description	Price
456697	190-149	Manifold Piping Kit, fits HC and DC Series	\$342.16

##### LP Conversion Kits

HVAC No.	MFG Part No.	Description	Price
467597	P-300	LP Kit for SL 26-260 G3	\$388.16
467598	P-302	LP Kit for SL 40-399 G3	\$562.40
458167	P-737	LP Kit for DC 20-125, HC 20-125	\$39.82
457762	P-702	LP Kit for DC 33-160, HC 33-160	\$39.82

## BOILERS AND WATER HEATERS

### *Thermodynamics Oil Boilers*

#### ThermoDynamics S Series Oil Boilers

- Up to 86% AFUE
- Extended coil flange for dependable operation & easy servicing
- Top flue connection for easy installation & simplified servicing
- Copper domestic hot water coil
- Combustion chamber easily serviced from the front of the unit
- ASME constructed, IBR rated & H-stamped
- Lifetime limited heat exchanger warranty
- Made in the USA



HVAC No.	MFG Part No.	Input MBH	AFUE	Flue Size	Weight	Price
393800	S-85	140	84%	6"	320 lbs	\$3820.20
393801	S-100	140	84.2%	6"	325 lbs	\$3924.96
393802	S-110	154	84.6%	6"	380 lbs	\$3851.00
393803	S-125/135/150	175-210	84.2%	6"	370 lbs	\$4491.84