



July 28, 2014

Subject: Dunkirk Model D248 / D249 - Commercial Cast Iron Boiler

Dear Valued Customer,

On March 2, 2012 the DOE implemented new efficiency standards for commercial (300 MBH plus) hot water and steam boilers. Though in some cases the efficiency number remained the same (i.e. hot water boilers) the difference in measurement was changed from combustion efficiency to thermal efficiency.

ECR had opted to build up water boiler inventory to continue supply while the design was modified to meet the new efficiency level. Unfortunately, after much research it was not possible to achieve the new minimum thermal efficiency for the water application with this platform and as such we, like many of our competitors, are forced to eliminate the water boiler application. Water versions of the D248 series have been depleted and will no longer be offered.

Repair parts will be available for the D248 series well into the future so please do not have any concern in that regard.

Research done during the water boiler testing identified improvements which ECR will be implementing with the new D249 steam boiler. The new D249 steam boiler will be offered as a rolling change.

Improvements include:

- Added insulation on both the boiler base and jacket assembly doubling the thickness.
- Jacket and base construction changes to accommodate the new thicker insulation.
- Control panel will now be mounted external on the front of the boiler under a protective hood. The control panel sees a lower operating temperature, installation time is reduced, and the unit is easier to service.
- Change to the wiring harness, allowing the installer to mount the harness wiring externally for easier field installation.

Other changes include:


















- The D249 steam boilers will range from 300 up to 1,500 MBH. Larger sizes are being discontinued. Based on sales experience, few steam boilers above the 1,500 MBH size offering were being sold.
- More competitive pricing for the CSD-1 packages.
- Ala Carte options continue to be available for the stocking distributor. The table indicates Ala Carte components and lists whether the part has been changed or not. Component parts that have changed can only be used on the new D249 steam boiler and would not be used on existing D248 models.

Please see the following tables for new item numbers and pricing.

Dunkirk Model D248 / D249 - Commercial Cast Iron Boiler Item Information

Boiler Model	Description	(Mbh Input)	Thermal Efficiency	Item SKU Number	Trade Price
D249300S	Commercial Gas Fired Steam Boiler Standard Model	300	77.0%	CBA030003101103	\$7,493
D249400S		400	77.0%	CBA040003101103	\$8,430
D249500S		500	77.0%	CBA050003101103	\$9,372
D249600S		600	77.0%	CBA060003101103	\$12,187
D249700S		700	77.0%	CBA070003101103	\$13,128
D249800S		800	77.0%	CBA080003101103	\$14,104
D249900S		900	77.0%	CBA090003101103	\$15,136
D2491000S		1000	77.0%	CBA100003101103	\$16,073
D2491100S		1100	77.0%	CBA110003101103	\$18,963
D2491200S		1200	77.0%	CBA120003101103	\$19,902
D2491300S		1300	77.0%	CBA130003101103	\$21,388
D2491400S		1400	77.0%	CBA140003101103	\$22,331
D2491500S		1500	77.0%	CBA150003101103	\$23,292
Boiler Model		Description	(Mbh Input)	Thermal Efficiency	Item SKU Number
D249300S	Commercial Gas Fired Steam Boiler with CSD-1 – gravity return system	300	77.0%	CBA030003103103	\$8,365
D249400S		400	77.0%	CBA040003103103	\$9,302
D249500S		500	77.0%	CBA050003103103	\$10,244
D249600S		600	77.0%	CBA060003103103	\$14,047
D249700S		700	77.0%	CBA070003103103	\$15,005
D249800S		800	77.0%	CBA080003103103	\$15,981
D249900S		900	77.0%	CBA090003103103	\$17,013
D2491000S		1000	77.0%	CBA100003103103	\$17,950
D2491100S		1100	77.0%	CBA110003103103	\$21,215
D2491200S		1200	77.0%	CBA120003103103	\$22,154
D2491300S		1300	77.0%	CBA130003103103	\$23,640
D2491400S		1400	77.0%	CBA140003103103	\$24,583
D2491500S		1500	77.0%	CBA150003103103	\$25,544
Boiler Model		Description	(Mbh Input)	Thermal Efficiency	Item SKU Number
D249300S	Commercial Gas Fired Steam Boiler with CSD-1 – boiler feed pump return control	300	77.0%	CBA030003104103	\$9,260
D249400S		400	77.0%	CBA040003104103	\$10,197
D249500S		500	77.0%	CBA050003104103	\$11,139
D249600S		600	77.0%	CBA060003104103	\$14,942
D249700S		700	77.0%	CBA070003104103	\$15,900
D249800S		800	77.0%	CBA080003104103	\$16,876
D249900S		900	77.0%	CBA090003104103	\$17,908
D2491000S		1000	77.0%	CBA100003104103	\$18,845
D2491100S		1100	77.0%	CBA110003104103	\$22,110
D2491200S		1200	77.0%	CBA120003104103	\$23,049
D2491300S		1300	77.0%	CBA130003104103	\$24,535
D2491400S		1400	77.0%	CBA140003104103	\$25,478
D2491500S		1500	77.0%	CBA150003104103	\$26,439

Dunkirk Model D248 / D249 - Commercial Cast Iron Boiler Item Information

For Ordering Knock Down or Ala Carte: D249 Components & Optional Equipment	Part Was Changed	Existing Part	Part Item Number	Trade Price
Cast Iron Sections – Right End	No	Existing Part - no changes	41154050D	\$843
Cast Iron Sections – Left End	No		41154051D	\$843
Cast Iron Sections – Intermediate	No		41154052D	\$735
Component Carton - 300	Yes		550002861D	\$2,241
Component Carton - 400	Yes		550002862D	\$2,373
Component Carton - 500	Yes		550002863D	\$2,490
Component Carton – 300 CSD-1	Yes		550002890D	\$2,616
Component Carton – 400 CSD-1	Yes		550002891D	\$2,748
Component Carton – 500 CSD-1	Yes		550002892D	\$2,865
End Panel Carton – Jacket	Yes		550002871D	\$326
End Panel Carton - Base	Yes		550002860D	\$294
Steam Trim – SA 1 (sizes 300 – 500)	No	Existing Part	41200061D	\$1,093
Steam Trim – SA 2 (sizes 600 – 700)	No		41200062D	\$1,110
Steam Trim – SA 3 (sizes 800 – 1400)	No		41200063D	\$1,139
Steam Trim – SA 4 (size 1500)	No		41200064D	\$1,170
Accessory Carton – 300	Yes		550002877DS	\$383
Accessory Carton – 400	Yes		550002878DS	\$453
Accessory Carton – 500	Yes		550002867DS	\$543
Accessory Carton - 600	Yes		550002879DS	\$614
Accessory Carton - 700	Yes		550002880DS	\$688
Accessory Carton - 800	Yes		550002881DS	\$768
Accessory Carton - 900	Yes		550002882DS	\$948
Accessory Carton - 1000	Yes		550002868DS	\$1,033
Accessory Carton - 1100	Yes		550002883DS	\$1,181
Accessory Carton - 1200	Yes		550002884DS	\$1,253
Accessory Carton - 1300	Yes		550002885DS	\$1,902
Accessory Carton - 1400	Yes		550002886DS	\$1,978
Accessory Carton - 1500	Yes		550002869DS	\$2,056

If you have any questions, please contact your Dunkirk Representative or ECR Regional Sales Manager.

Regards,

Joe Langlois
Marketing Manager
ECR International