



Innovative. Efficient. Dependable. Dunkirk.

## Dunkirk H<sub>2</sub>O

- Stainless Steel Single & Dual Coil Indirect Water Heaters
- Storage Tanks
- Hydronic Buffer Tanks



# INTRODUCING THE NEW DUNKIRK H<sub>2</sub>O SERIES...

A complete line of Stainless Steel, Single and Dual Coil Indirect Water Heaters, Storage Tanks, and Hydronic Buffer Tanks.

**Need An Easy Domestic Hot Water Solution With A Low Operating Cost and the Longevity Of Stainless Steel?**

**Dunkirk H<sub>2</sub>O Stainless Steel Single Coil Indirect Water Heaters**

**Need A Hot Water Solution To Balance Input and Storage While Reducing Short Cycling?**

**Dunkirk H<sub>2</sub>O Stainless Steel Storage Tanks**

**Need A Hot Water Solution For Use With Chillers, Heat Pumps, and Low Mass Boilers?**

**Dunkirk H<sub>2</sub>O Stainless Steel Hydronic Buffer Tanks**

**Need A Hot Water Solution For Solar Applications Or Small Zones?**

**Dunkirk H<sub>2</sub>O Stainless Steel Single & Dual Coil Solar Water Heaters**

(Electric Back-Up can heat the tank if solar heat is unavailable)

**Stainless Steel  
Single Coil Indirect  
Water Heaters**

## STANDARD FEATURES

Capacities (Gallons)	30, 40, 40L, 50, 60, 60L, 80 & 115
316L Stainless Steel Construction	
Top Connections (For Easy, Neat, Clean Installation)	
Stainless Steel Dip Tube	
Thermoplastic Jacket (Won't dent, scratch or corrode)	
Low Pressure Drop (Ideal For Low Mass Boilers)	
T & P Valve, Stainless Aquastat Well & Drain Valve (Factory installed-taped and doped).	
2.25" EPS Insulation (Provides Less Than .5°F Per Hour Standby Loss)	
Large Diameter, Smooth Coil Heat Exchangers - Prevent Buildup (Stainless Steel Coils Are 25 to 30' Long and 1-1/8" in Diameter)	
Honeywell L4080B (Shipped Loose)	
Made in the USA	

## WARRANTY

Limited Lifetime Warranty (Residential), 5 Yr. (Commercial)	
Limited Lifetime Warranty	N/A

## OPTIONS

Low Profile	40L & 60L Capacities
High Output	80 & 115 Capacities
Electric Back-Up	60, 80 & 115 Capacities
Commercial Connections (For increased DHW flow)	80 & 115 Capacities (1-1/2" Dom., 1-1/4" Blr.)
*Coil	Standard

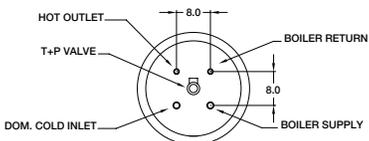
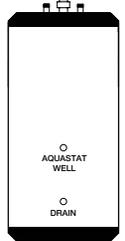


Stainless Steel Storage Tank      Stainless Steel Buffer Tanks      Stainless Steel Dual Coil Solar Water Heaters

30, 40, 60, 60L, 80 & 115	40, 60, 80 & 115	60, 80 & 115
	N/A	
N/A	*	
	N/A	
	N/A	N/A
N/A		
60L Capacities	N/A	N/A
N/A	N/A	N/A
N/A	N/A	60, 80 & 115 Capacities
80 & 115 Capacities (1-1/2")	All Capacities (1-1/4", 1-1/2", 2")	N/A
N/A	40, 60, 80 & 115 Capacities	Standard



# Dunkirk H<sub>2</sub>O Stainless Steel Single Coil Indirect Water Heaters

Dimensions/Weights	Model	Storage Capacity (Gals.)	Coil Heating Surface Sq. Ft.	Piping Connections NPT	
				Domestic Water In/Out (Inches)	Boiler Water In/Out (Inches)
  <b>STANDARD UNIT</b>	H2OI30DK	30	7.0	3/4	1
	H2OI40DK	40	7.5	3/4	1
	H2OI40LDK	42	7.1	3/4	1
	H2OI50DK	50	8.0	3/4	1
	H2OI60DK	60	8.3	3/4	1
	H2OI60LDK	60	7.5	3/4	1
	H2OI80DK	80	8.0	1	1
	H2OI115DK	115	8.9	1	1
	H2OI80CDK	80	8.0	1-1/2	1-1/4
	H2OI115CDK	115	8.9	1-1/2	1-1/4
	H2OI80HODK	80	13.4	1	1
	H2OI115HODK	115	14.4	1	1
	H2OI80HOC DK	80	13.4	1-1/2	1-1/4
	H2OI115HOC DK	115	14.4	1-1/2	1-1/4

Note: Max. Working pressure 150 psi for all capacities.

**General Information** (See Installation, Operation and Maintenance Manual for complete instructions)

Model	Max. First Hour Rating Gal./Hr @		Continuous Rating Gal./Hr. @		Boiler Output Required (BTU/Hr.)	Min. Boiler Water Flow Through Coil (Gal./Min.)	Pressure Drop Through Coil (Ft. Water)
	140° F	115° F	140° F	115° F			
H2OI30DK	182	242	155	215	116,200	10.0	2.7
H2OI40DK	202	266	166	230	124,500	10.0	2.9
H2OI40LDK	193	251	157	215	117,900	10.0	2.8
H2OI50DK	222	290	177	245	132,800	10.0	3.1
H2OI60DK	240	311	186	257	139,400	10.0	3.2
H2OI60LDK	220	284	166	230	124,500	10.0	2.9
H2OI80DK	257	328	185	256	138,600	12.0	3.7
H2OI115DK	309	388	206	285	154,200	12.0	4.0
H2OI80CDK	257	328	185	256	138,600	12.0	3.7
H2OI115CDK	309	388	206	285	154,200	12.0	4.0
H2OI80HODK	386	507	314	435	235,670	15.0	9.0
H2OI115HODK	439	568	336	465	251,780	15.0	9.5
H2OI80HOC DK	386	507	314	435	235,670	15.0	9.0
H2OI115HOC DK	439	568	336	465	251,780	15.0	9.5

Note: All ratings are based on 200° F boiler water supply and 50° F cold water inlet. See installation manual for ratings at different temperatures and flow rates. Specifications subject to change without notice.

Dimensions & Weights			
Models	Height (Inches)	Dia. (Inches)	Shp. Wgt. (Lbs.)
H2OI30DK	34.0	23.5	85
H2OI40DK	44.0	23.5	100
H2OI40LDK	36.0	28.0	100
H2OI50DK	54.0	23.5	110
H2OI60DK	62.0	23.5	125
H2OI60LDK	46.0	28.0	120
H2OI80DK	56.0	28.0	140
H2OI115DK	74.0	28.0	175
H2OI80CDK	56.0	28.0	140
H2OI115CDK	74.0	28.0	175
H2OI80HODK	56.0	28.0	155
H2OI115HODK	74.0	28.0	190
H2OI80HOC DK	56.0	28.0	155
H2OI115HOC DK	74.0	28.0	190

**Standard Equipment** Factory installed brass drain and relief valves, welded stainless steel cold water dip tube factory installed and pressure tested, Honeywell L4080B aquastat for field installation.

**Options** (L) Low profile models for applications with low clearances. (C) Commercial models with larger tappings for higher flow rates. (HO) High Output models available to meet greater demand.

**Certification/Decoding**



**H2O I 30 L DK**

I=Indirect Capacity: 30=30 Gals. 40=40 Gals. 50=50 Gals. 60=60 Gals. 80=80 Gals. 115=115 Gals. L=Lowboy C=Commercial HO=High Output HOC=High Output Commercial DK=Dunkirk

Conforms to UL STD 174 Certified to CAN/CSA STD C22.2 No. 110-94