# Dunkírk

Innovative. Efficient. Dependable. Dunkirk.

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

Career Constants

C.C.

- 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)



#### 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)	<b>?</b>
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







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**Dunkírk** 

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

2000									Piping Connections NPT			
Dimen	sions/W	eights		Model			Capacity als.)		Coil Heating Surface Sq. Ft.	Domestic Water In/Out (Inches)	Boiler Water In/Out (Inches)	
				H2OI30DK		3	0		7.0	3/4	1	
				H2OI40DK		4	0		7.5	3/4	1	
HOT OUTLET				H2OI40LDK		4	2		7.1	3/4	1	
T+P VALVE		BOI	LER RETURN	H2OI50DK		6	0		8.0	3/4	1	
TI		8.0		H2OI60DK		6	0		8.4	3/4	1	
DOM. COLD INLET	< 2	Двон	LER SUPPLY	H2OI60LDK	60				7.5	3/4	1	
				H2OI80DK	80				8.0	1	1	
	6 <del>8</del> 8			H2OI115DK		1.	15		8.9	1	1	
				H2OI80CDK		8	0		8.0	1-1/4	1-1/4	
				H2OI115CDK 115					8.9	1-1/4	1-1/4	
				H2OI80HODK		8	0		13.5	1	1	
	O			H2OI115HODK		1.	15		14.4	1	1	
	WELL			H2OI80HOCDK		8	0		13.5	1-1/2	1-1/4	
	DRAIN			H2OI115HOCDK		1	15		14.4	1-1/2	1-1/4	
ST	ANDARD L	INIT		Note: Max. Worki	ng pressu	re 150 psi	for all cap	acities.				
				General Inform	nation (S	ee Installa	tion. Opera	ation and I	Maintenance Manual	for complete instructio	ns)	
3/4" NPT RECIRC. PORT 1 1/2" NPT		-	P VALVE	Model	Max. Hour	First Rating 'Hr @	Conti Rat Gal./	nuous ing	Boiler Output Required	Min. Boiler Water Flow Through Coil	Pressure Drop Through Coil	
HOT OUTLET			VALVE		140° F	115° F	140° F	115° F	(BTU/Hr.)	(Gal./Min.)	(Ft. Water)	
(	$\bigcirc$	8.0		H2OI30DK	182	242	155	215	116,200	10.0	2.7	
1 1/4" NPT BOILER SUPPLY	C		4" NPT LER RETURN	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	
	O AQUASTAT WELL			H2OI80DK	257	328	185	256	138,600	12.0	3.7	
1 1/2" NPT DOM. COLD INLET				H2OI115DK	309	388	206	285	154,200	12.0	4.0	
, <b></b>	O			H2OI80CDK	257	328	185	256	138,600	12.0	3.7	
9.5	DHAIN			H2OI115CDK	309	388	206	285	154,200	12.0	4.0	
CO	MMERCIAL	UNIT		H2OI80HODK	386	507	314	435	235,670	15.0	9.0	
				H2OI115HODK	439	568	336	465	251,780	15.0	9.5	
				H2OI80HOCDK	386	507	314	435	235,670	15.0	9.0	
Dimensio	ons &	Weigh	te	H2OI115HOCDK	439	568	336	465	251,780	15.0	9.5	
Models	Height (Inches)	Dia. (Inches)	Shp. Wgt. (Lbs.)	See installation	gs are based on 200° F boiler water supply and 50° F cold water inlet. n manual for ratings at different temperatures and flow rates. subject to change without notice.							
H2OI30DK	32	22.5	85	Standard						ainless steel cold wat		
H2OI40DK H2OI40LDK	42 34	22.5 26.0	100 100	Equipment					-	at for field installation		
H20I40LDK H2OI50DK	34 52	26.0 22.5	100	Options					ns with low clearand appings for higher f			
H2OI60DK	60	22.5	125						meet greater dem			
H2OI60LDK	44	26.5	120	Certification/								
H2OI80DK	54	26.5	140	Decoding		$\frown$			<b>H2O</b>			
H2OI115DK	72	26.5	175			T						
H2OI80CDK	54 72	26.5	120 175			см			l	=Indirect Capacity: L=Lov 30=30 Gals. C=Com	mercial	
H2OI115CDK	72 54	26.5 26.5	175 155							40=40 Gals. HO=High 50=50 Gals. HOC=Hig 60=60 Gals. HOC=Hig	h Output	
			190			LISTED	03			80=80 Gals. Co 80=80 Gals. 115=115 Gals.	nmercial	
H2OI80HODK H2OI115HODK	72	26.5										
H2OI80HODK H2OI115HODK H2OI80HOCDK	72 54	26.5	155			erte	_ c	onforms	to UL STD 174			

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

_						Piping Connections NPT		
Dimer	nsions/W	<b>/</b> eights		Model	Storage Capacity (Gals.)	Cold/Hot Supply/Return (Inches)	Heat Source Pressure (Inches)	
			_	H2OST30DK	30	1	1	
SUPPLY TO	8.0	T+P VALV	E N FROM	H2OST40DK	40	1	1	
HEAT SOURCE	$ \models X $		OURCE	H2OST60DK	60	1	1	
	(B)	8.0		H2OST60LDK	60	1	1	
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	4		H2OST80DK	80	1	1	
COLD WATER INLET	$\leq$	HOT OUT	LET	H2OST115DK	115	1	1	
то	ALL 1" NPT			H2OST80CDK	80	1-1/2	1	
	- <b>1</b> -	$ \rightarrow $		H2OST115CDK	115	1-1/2	1	
				Note: Max. Worki	ng pressure 150 psi for all capacities.			
				General Inform	nation (See Installation, Operation and Maintenanc	e Manual for complet	e instructions)	
				Specifications s	ubject to change without notice.			
	O AQUASTAT WELL			Standard Equipment	Factory installed brass drain and relief valves, v tube factory installed and pressure tested, Hon- lation.			
	O DRAIN			Options	(L) Low profile models for applications with low (C) Commercial models available for application		ections.	
STAN		T+P	VALVE T RETURN HEAT SOURCE	Certification/ Decoding	H2O S ST = Store Therefore Conforms to UL S Certified to CAN/O	30=30 Gails. C=C 40=40 Gails. 60=60 Gails. 80=80 Gails. 115=115 Gails.	Lowboy ommercial DK = Dunkirk	
1 1/2" NPT COLD INLET		AL UNITS		Schematic Diagram (Typical Installation)	HEAT SOURCE TANKLESS COLL, DESUPERHEAT COLL, PLATE HEAT EXCHANGER DE INSTANTANEOUS VALTE HEATER DOMESTIC CONNECTIONS BRONZE PUMP AND CHECK VALVE SUPPLY RETURN T-P VALVE COL	EXPANSION TANK	SHUTDFF VALVE COLD SUPPLY	
Dimens	sions &	Weights	\$					
	Height (Inches)	Dia. (Inches)	Shp. Wgt. (Lbs.)			WATER USE TO FIXTURE	5	
H2OST30DK	34.0	23.5	75					
H2OST40DK	44.0	23.5	90		O	DE	NOTES FIELD INSTALLED PIPING	
H2OST60DK	62.0	23.5	115					
H2OST60LDK	46.0	28.0	110					
H2OST80DK	56.0	28.0	140		HOT WATER BOOSTER / STORAGE TANK DOMESTIC WATER HEATING SYSTEM / TYP			
H2OST115DK	74.0	28.0	175		Note: Installation must conform to all	local codes.		
H2OST80CDK	56.0	28.0	140					
H2OST115CDK	74.0	28.0	175					

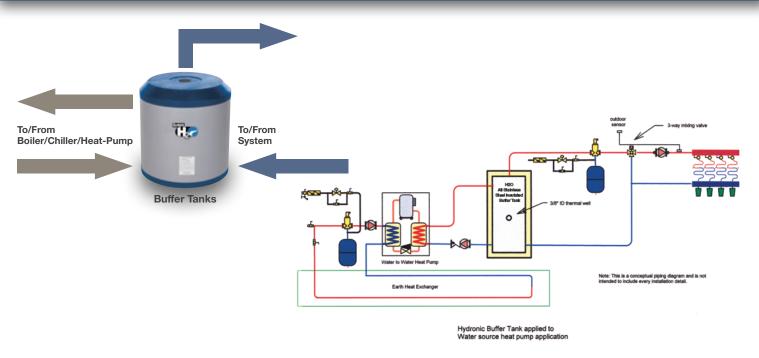
## Dunkirk H<sub>2</sub>O Stainless Steel Buffer Tanks

	imension	s/Weight	ts		Model	(Gals.)					
					H2OBT40114DK		1-1/4				
					H2OBT40112DK	40	1-1/2				
					H2OBT402DK		2				
					H2OBT60114DK		1-1/4				
					H2OBT60112DK	60	1-1/2				
					H2OBT602DK		2				
					H2OBT80112DK		1-1/4				
					H2OBT80114DK	80	1-1/2				
					H2OBT802DK		2				
	D				H2OBT115114DK		1-1/4				
	<u> </u>				H2OBT115112DK	115	1-1/2				
	1				H2OBT1152DK		2				
					H2OBT40114WCDK		1-1/4				
					H2OBT40112WCDK	40	1-1/2				
A					H2OBT402WCDK		2				
В	3/8' ID HERMAL WELL		4 CONNE	CTIONS HT SIDE	H2OBT60114WCDK		1-1/4				
			2 ON LE	FT SIDE	H2OBT60112WCDK	60	1-1/2				
<u>+</u>  ,	DRAIN VALVE		1 ON TOF	5	H2OBT602WCDK		2				
					H2OBT80114WCDK		1-1/4				
ł					H2OBT80112WCDK	80	1-1/2				
					H2OBT802WCDK		2				
					H2OBT115114WCDK		1-1/4				
					H2OBT115112WCDK	115	1-1/2				
					H2OBT1152WCDK		2				
					Note: Max. Working pressure 60 psi for all capacities.						
					General Informatio	n (See Installation, Operation and Mainter	nance Manual for complete instructions)				
					Specifications subjec	t to change without notice.					
					Standard Equipment	Factory installed brass drain and relie water dip tube factory installed and p aquastat for field installation.					
						water dip tube factory installed and p					
					Equipment	water dip tube factory installed and pr aquastat for field installation.					
Dime	ensions	s & Wei	ghts		Equipment Options	water dip tube factory installed and pr aquastat for field installation. (WC) With Coil	ressure tested, Honeywell L4080B				
Dime	ensions Height A (Inches)	B (Inches)	ghts C (Inches)	Shp. Wgt. (Lbs.)	Equipment Options Certification/	water dip tube factory installed and pr aquastat for field installation. (WC) With Coil H20 BT 40	114 WC DK				
	Height A	в	с		Equipment Options Certification/	water dip tube factory installed and pr aquastat for field installation. (WC) With Coil H20 BT BT=Buffer Tank BT=Buffer Tank Capacity: d0=0 Gala	ressure tested, Honeywell L4080B				
Model	Height A	в	с		Equipment Options Certification/	water dip tube factory installed and pr aquastat for field installation. (WC) With Coil H200 BT BT=Buffer Tark 400 Capacity: 40-40 Galas	1141-1/4" NFT   WC=With Col   DK=Dunkirk				
Model H2O40BT114DK	Height A (Inches)	B (Inches)	C (Inches)	(Lbs.) 87	Equipment Options Certification/	water dip tube factory installed and pr aquastat for field installation. (WC) With Coil H200 BT BT=Buffer Tark 4400 Capacity: 0=0 Gala. 0=0 Gala.	1141-1/4"NFT 1141-1/4"NFT 1141-1/4"NFT WC=With Coil WC=With Coil DK=Dunkirk				
Model H2O40BT114DK H2O40BT112DK	Height A (Inches)	B (Inches)	C (Inches)	(Lbs.) 87 (97 WC)	Equipment Options Certification/	water dip tube factory installed and pr aquastat for field installation. (WC) With Coil H200 BT BT=Buffer Tark 4400 Capacity: 0=0 Gala. 0=0 Gala.	1141-1/4"NFT 1141-1/4"NFT 1141-1/4"NFT WC=With Coil WC=With Coil DK=Dunkirk				
Model H2O40BT114DK H2O40BT112DK H2O40BT2DK	Height A (Inches)	B (Inches)	C (Inches)	(Lbs.) 87	Equipment Options Certification/	water dip tube factory installed and pr aquastat for field installation. (WC) With Coil H200 BT BT=Buffer Tark 4400 Capacity: 0=0 Gala. 0=0 Gala.	1141-1/4"NFT 1141-1/4"NFT 1141-1/4"NFT WC=With Coil WC=With Coil DK=Dunkirk				
Model H2O40BT114DK H2O40BT112DK H2O40BT2DK H2O60BT114DK	Height A (Inches) 42.0	B (Inches) 31	C (Inches) 11	(Lbs.) 87 (97 WC) 115	Equipment Options Certification/	water dip tube factory installed and pr aquastat for field installation. (WC) With Coil H200 BT BT=Buffer Tark 4400 Capacity: 0=0 Gala. 0=0 Gala.	1141-1/4"NFT 1141-1/4"NFT 1141-1/4"NFT WC=With Coil WC=With Coil DK=Dunkirk				
Model     H2O40BT114DK     H2O40BT112DK     H2O40BT2DK     H2O60BT114DK     H2O60BT112DK	Height A (Inches) 42.0	B (Inches) 31	C (Inches) 11	(Lbs.) 87 (97 WC) 115 (125 WC)	Equipment Options Certification/	water dip tube factory installed and pr aquastat for field installation. (WC) With Coil H20 BT BT=Buffer Tark H20 Gals. (d = 40 Gals.) (d = 40 Gals. (d = 40 Gals.) (d = 40 Gals.)(d = 4	1141-1/4" NFT   WC=With Col   DK=Dunkirk				
Model     H2O40BT114DK     H2O40BT112DK     H2O40BT2DK     H2O60BT114DK     H2O60BT112DK     H2O60BT112DK	Height A (Inches) 42.0	B (Inches) 31	C (Inches) 11	(Lbs.) 87 (97 WC) 115	Equipment Options Certification/	water dip tube factory installed and pr aquastat for field installation. (WC) With Coil H200 BT BT=Buffer Tark 4400 Capacity: 0=0 Gala. 0=0 Gala.	1141-1/4" NPT   1141-1/4" NPT   WC=With Col   DK=Dunklik				
Model     H2O40BT114DK     H2O40BT112DK     H2O40BT2DK     H2O60BT114DK     H2O60BT112DK     H2O60BT2DK     H2O60BT2DK     H2O60BT114DK	Height A (Inches) 42.0 44.0	B (Inches) 31 31.5	C (Inches) 11 11.5	(Lbs.) 87 (97 WC) 115 (125 WC) 125	Equipment Options Certification/	water dip tube factory installed and pr aquastat for field installation. (WC) With Coil H20 BT BT = Buffer Tank BT = Buffer Tank BT = Buffer Tank Capacity: 0 = 0 Gals 0 = 0 Gals	1141-14/1°NPT 1141-14/1°NPT 1121-17/2°NPT 2-2*NPT				
Model     H2O40BT114DK     H2O40BT112DK     H2O40BT2DK     H2O60BT114DK     H2O60BT112DK     H2O60BT112DK     H2O60BT112DK     H2O60BT112DK     H2O60BT112DK     H2O80BT112DK     H2O80BT114DK	Height A (Inches) 42.0 44.0	B (Inches) 31 31.5	C (Inches) 11 11.5	(Lbs.) 87 (97 WC) 115 (125 WC) 125 (135 WC)	Equipment Options Certification/	water dip tube factory installed and pr aquastat for field installation. (WC) With Coil H20 BT BT=BufferTark BT=BufferTark Capacity 0 = 0 Gals 0 = 0 Gals	Tida-1/4" NPT 114-1/4" NPT 114-1/4" NPT 114-1/4" NPT 2-2" NPT 0 UL STD 174				
Model     H2O40BT114DK     H2O40BT112DK     H2O40BT2DK     H2O60BT114DK     H2O60BT112DK     H2O60BT112DK     H2O60BT112DK     H2O80BT112DK     H2O80BT114DK     H2O80BT112DK     H2O80BT112DK     H2O80BT112DK	Height A (Inches) 42.0 44.0	B (Inches) 31 31.5	C (Inches) 11 11.5	(Lbs.) 87 (97 WC) 115 (125 WC) 125	Equipment Options Certification/	water dip tube factory installed and pr aquastat for field installation. (WC) With Coil H20 BT BT=BufferTark BT=BufferTark Capacity 0 = 0 Gals 0 = 0 Gals	144-14/PMET 144-14/PMET 114-14/PMET 114-14/PMET 114-14/PMET 114-14/PMET 2-2*PMET WC=With Col DK=Dunkirk				

#### DUNKIRK H<sub>2</sub>O STAINLESS STEEL BUFFER TANKS

- Reduces chiller or boiler short cycling (Short cycling results in reduced operating efficiency and shorter equipment life)
- · Used in systems having several low BTU cooling or heating loads calling at different times
- Full size tappings on buffer tank for peak performance (1-1/4", 1-1/2", and 2")
- Used in systems operating below the design load condition, which is most of the time.

## H<sub>2</sub>O HYDRAULICALLY DECOUPLED



#### Buffer Tank Sizing - Calculating Capacity

Dunkirk H<sub>2</sub>O buffer tanks are a simple, cost effective way to improve overall system efficiency by reducing unnecessary equipment short cycling. The recommended capacity or volume of a buffer tank is based on four variables.

- The duration of the heating or cooling source "on time" (minutes). The desired length of "on time" for each run cycle depends on the type of equipment used. Heat pump and chiller manufacturers typically recommend a minimum of 5 to 10 minutes on time, and boiler manufacturers may recommend a minimum of 10 minutes "on time". Check with your equipment manufacturer. Generally, the longer the "on time", the higher the overall operating efficiency.
- 2) The minimum rate of heat input (BTU/HR). This is based on the heat pump or chiller output, or the boiler output at the minimum firing rate if the boiler has a variable input system that ramps input down as the demand decreases.
- 3) The minimum system load (BTU/HR). This is the demand placed on the system with the smallest zone calling for heat.
- 4) The allowable tank temperature rise (deg. F). This varies depending on the type of heating or cooling system used, and on the design of the distribution system. Chillers may require a tight, (6 deg. F), differential to assure good dehumidification and prevent freezing, heat pumps may require a (10 deg. F) differential to maintain a high COP, and boilers with hydronic heating distribution systems may require a differential anywhere between 10 to 40 deg. F depending on the application.

The following formula determines the tank volume:

 $\mathbf{I} = \frac{T \times (Q \text{ heat input - } Q \text{ min. heat load})}{Tank \text{ temp. rise } \times 500}$ 

V = Buffer tank volume (gallons) Q heat source = heat source output (BTU/HR) Tank temp rise (deg. F) T = desired heat source "on cycle" (min.) Q min. heat load = heat output to minimum load

#### Water to Water Heat Pump Example:

Town and Country Mechanical wants a minimum heat pump on time of 10 minutes. The heat pump output is 46,500 BTU/HR. The smallest zone is a 7,000 BTU/HR bathroom. The allowable temperature differential is 90 to 100 deg. F for the radiant heat zones.

 $V = \frac{10 \times (46,500 - 7,000)}{(100-90) \times 500} = 79.0$  Gallons minimum volume. Choose the H2O80BT buffer tank.

#### Dunkirk H<sub>0</sub>O Stainless Steel Dual and Single Coil Solar Water Heaters

Dimen	sions/Wei	ights		Model	:		Capacity als.)	,	Heatin	p Coil g Surface q. Ft.	Bottom Coil Heating Surface Sq. Ft.	Piping Connections NPT (Inches)		
				SINGLE COIL										
TOP COIL SUPPLY	T+P VALVE	TOP COIL RETURN		H2OI60EDK 60						N/A 8.3 1				
	(B) )	- HOT WATER OUT		H2OI80EDK		8	0			N/A	8.0	1		
	o ol	OTTOM SOLAR OIL SUPPLY		H2OI115EDK		1	15			N/A	8.9	1		
BOTTOM SOLAR- COIL RETURN	<u> </u>	OL SUFFLI			•			D	UAL COIL		•			
/ <u></u>	~			H2OI60DDK		6	60			7.4	8.3	1		
				H2OI80DDK		8	0			7.4	8.0	1		
	TOP COIL 3/8" ID THE	RMAL WELL		H2OI115DDK		1	15			7.4	8.9	1		
	1/2" NPT R RETURN P	ECIRC. ORT		H2OI60DEDK	60					7.4	8.9	1		
WWW	TOP HEATI FOR BACK	NG COIL UP		H2OI80DEDK			0			7.4	8.0	1		
	BOTTOM C	OIL RMAL WELL		H2OI115DEDK		1	15			7.4	8.9	1		
	3/8" ID THE	RMAL WELL		Note: Max. Worl	l kina pressi			pacities				· · · ·		
	BOTTOM HEA FOR SOLAR	TING COIL							Maintanana	a Manual far a				
				General Infor	mation (	See Install	ation, Ope	ration and		e Manual for c	omplete instructio	ns)		
DUAL COIL UNITS				Model	Hour I	First Rating Hr. @	Rat	nuous ting Hr. @	Max. Rec. Top Coil	Max. Rec. Bottom Coil	Min. Boiler Water Flow Through Coil	Pressure Drop Throug Coil		
	$\sim$				140° F	115° F	140° F	115° F	(Gal./Hr.)	(Gal./Hr.)	(Gal./Min.)	(Ft. Water)		
$\left( \left( \circ \right) \right)$	ि							SI	NGLE COIL					
(( °(	<u> </u>			H2OI60EDK	45.9	52.0	15.9	22.0	N/A	214	10.0	3.5		
	1.5			H2OI80EDK	55.9	62.0	15.9	22.0	N/A	214	10.0	3.6		
<u> </u>	<u> </u>			H2OI115EDK	73.9	80.0	15.9	22.0	N/A	214	10.0	3.9		
				DUAL COIL										
	4	X 10" ECTRICAL BOX		H2OI60DDK	45.9	52.0	15.9	22.0	185	214	10.0	3.5		
	- \_	LOTHORE DOR		H2OI80DDK	55.9	62.0	15.9	22.0	180	214	10.0	3.6		
				H2OI115DDK	73.9	80.0	15.9	22.0	190	214	10.0	3.9		
	3/8" THE	' ID RMAL WELL		H2OI60DEDK	45.9	52.0	15.9	22.0	185	214	10.0	3.5		
		AIN VALVE		H2OI80DEDK	55.9	62.0	15.9	22.0	180	214	10.0	3.6		
	。			H2OI115DEDK	73.9	80.0	15.9	22.0	190	214	10.0	3.9		
ELECTRIC	BACKUP	UNITS									nlet. For Dual Co change without r			
Dimensi	Height	<b>/eigh</b> Dia.	Shp. Wgt.	Standard Equipment	factory i Remova equippe tion tapp heating	nstalled a ble therm d with two ping. Units	and pressu al well to aquasta s with Elec thermosta	ure tested accept a t wells wh ctric Back	, Honeywell solar contro nich control c-Up are pro	L4080B aqua of thermostat of each coil inde ovided with 4"	s steel cold wate stat for field insta or thermistor. Due pendently and bu x 10" electrical b o units provided w	Illation. al coil units uilt-in recircula- ox with pre-wired		
QII	NGLE COIL		(Lbs.)	Options	(E) Elect	ric Back-	Up models	s for supp	plemental he	eating.				
-120160EDK		23.5	135	Certification/										
H2OI80EDK	56.0	28.0	145	Decoding				H	20	1  6N				
H2OI115EDK		28.0	180								▏ <b>▕▙</b> ┛▏ <b>▕▙</b>			
		<u></u>	40-			T	\		I=In	direct Capacity: 60=60 Gals.	D=Dual Coil E=Electr Back u	ip		
		23.5 28.0	165 175				CM			80=80 Gals. 115=115 Gals.	(3500 Wa	atts)		
H2OI80DDK H2OI115DDK		28.0 28.0	175 205			V I V								
H2OI60DEDK		23.5	175		▎▔◥	LISTED								
H20180DEDK		28.0	185		-	A			ns to UL S					
H2OI115DEDK	74.0	28.0	215		i in	terte	ek (	Certified	to CAN/0	CSA STD C2	22.2 No. 110-94	4		



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