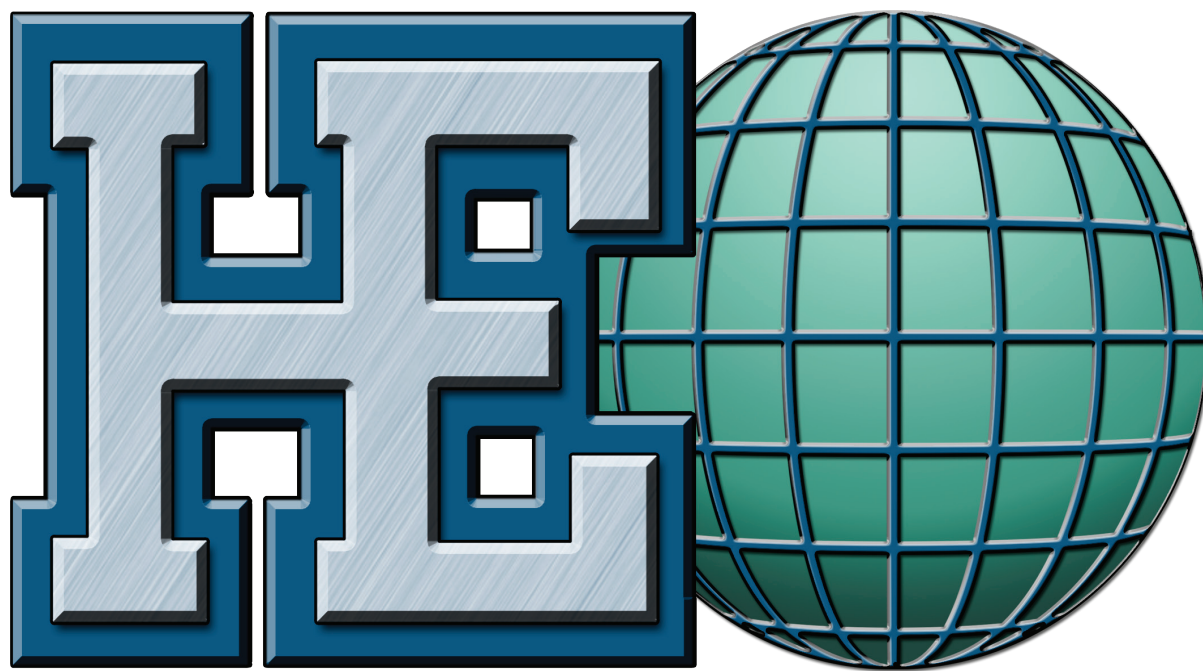




Pricing Information

Laundry Distributors

Effective 9-23-2014

34000 Autry Street
Livonia, MI 48150
Bus.: 734.419.0200
Bus.: 800.968.5530
Fax: 734.419.0209

www.hamiltonengineering.com

LIT91009 Rev 9/2014

Hamilton Engineering

Engineered Systems

- Due to the thousands of different combinations, please consult Hamilton Engineering for all sizings of Water Treatment Systems.
- As each Odd Water Package is designed specifically for each job, please consult Hamilton Engineering for proper sizing.



Hamilton's CompSize™ Program

- Hamilton's unique CompSize™ computerized sizing program guarantees the proper system for your specific application and its easier and more accurate than using the price sheet. Call your sales representative for a sizing.

Please call us at
1-800-968-5530
for more information



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GENERAL TERMS AND CONDITIONS

FREIGHT: ALL shipments from or Livonia, Michigan facility will be FREIGHT PREPAID & ADD or THIRD PARTY BILLING, unless other arrangements have been made in advance.

PAYMENT TERMS: TERMS are 2% 15 days Net 30 days to pre-approved accounts. New accounts will require payment in advance of shipping until credit is approved. Any accounts past due are subject to a late fee; accounts past due over 45 days will be placed on credit hold until the account is current and credit terms are re-established.

MATERIALS RETURN/WARRANTY REPLACEMENT: No material may be returned (unused or warranty) without prior approval and an RGA number. All returned goods must be accompanied by RGA documents within 30 days, and be returned FREIGHT PREPAID. Returned goods (in new condition) will be subject to a minimum 15% restocking charge, and any damage or re-packaging costs will be additional.

NOTES

1. Pumps are sized for proper flow rate through heater with water hardness of 12 grains (205 ppm or mg/l). For pipe sizes and maximum length, consult factory. For total *combined* hardness over 15 grains (250 ppm or mg/l) or longer pipe lengths, contact Hamilton Engineering for correct pump sizing. For hardness less than 0 grains (softened water) consult factory.
2. For Storage Tanks other than those listed on the following pages, contact Hamilton Engineering, Inc.
3. For LP conversion and test fire, see page 6 for additional charges. For all models except EVO, LP or special elevation units ordered with five-week lead-time, no additional charge is added. Tank Type LP always subject to price sheet surcharge.
4. CSD-1 Requirements - Due to the large discrepancy in requirements from state to state, you must specify exact controls.
5. Custom dimension systems require drawings and customer approval prior to entering in the production schedule and will be subject to a minimum 15% surcharge on the Rack Pack pricing.
6. Normal production time is 2 weeks for non-piped packages and 4 weeks for standard piped packages. For expedited production, consult factory.
7. Prices subject to change without notice. Consult factory or website for most current pricing.

ENGINEERED JOBS

- Due to the thousands of different combinations, please consult Hamilton Engineering for all sizings of WATER SOFTENERS.
- Each ODD WATER package is designed specifically for each job, consult Hamilton Engineering for proper sizing.

Hamilton Engineering, Inc.

EVO Water Heaters

Model No.	BTU/Hr Input	Up to GPH @ 100°F Rise	List (\$)	Pump Package Model	Pump Package List (\$)	Total List (\$)	Weight (Pounds)
HW 79	79,999	93	5,577	PMP 90305	1,110	6,688	69
HW 129	136,300	160	5,622	PMP 90305	1,110	6,732	77
HW 179	179,999	209	6,233	PMP 90311	1,166	7,399	91
HW 199.1	199,999	233	7,687	PMP 90311	1,166	8,853	95
HW 299	299,999	350	11,121	PMP 90307	1,073	12,194	127
HW 399	399,999	466	13,814	PMP 90309	1,229	15,043	194
HW 599	630,000	734	21,261	PMP 90309	1,229	22,491	234
HW 798 (399-399)	799,998	931	27,627	(2) PMP 90309	2,459	30,086	388
HW 998 (599-399)	1,029,999	1199	35,075	(2) PMP 90309	2,459	37,534	428
HW 1499	1,499,999	1746	54,030	PMP 91027 SD	4,744	58,774	756
HW 1999	1,999,999	2329	60,684	PMP 91028 SD	4,979	65,663	902

Water Heating Packaged Systems 79,999 BTU - 200,000 BTU

Note: Rack Pack Six Pack includes Inlet & Outlet Venting (for multiple units), Gas Manifold, Electrical, Condensate Piping, Water Piping, Stand, and Cascade Controls

HW 79	Mounting Rack (\$)	Electric Panel (\$)	Condensate Neutralizer (\$)	Manifolds			Rack Pack Six Pack (\$)	Complete Package
				Plumbing (\$)	Gas (\$)	Venting (\$)		
1 Heater	924	497	178	1,508	239	0	3,346	10,034
2 Heaters	1,034	1,001	178	2,339	816	2,253	8,011	21,386
3 Heaters	1,631	1,210	266	3,087	1,074	3,308	11,161	31,224
4 Heaters	1,741	1,795	355	4,752	1,341	4,581	15,345	42,096

HW 129	Mounting Rack (\$)	Electric Panel (\$)	Condensate Neutralizer (\$)	Manifolds			Rack Pack Six Pack (\$)	Complete Package
				Plumbing (\$)	Gas (\$)	Venting (\$)		
1 Heater	924	497	178	1,508	239	0	3,346	10,078
2 Heaters	1,034	1,001	178	2,339	816	2,253	8,011	21,475
3 Heaters	1,631	1,210	266	3,087	1,074	3,308	11,161	31,357
4 Heaters	1,741	1,795	355	4,752	1,341	4,581	15,345	42,274

HW 179	Mounting Rack (\$)	Electric Panel (\$)	Condensate Neutralizer (\$)	Manifolds			Rack Pack Six Pack (\$)	Complete Package
				Plumbing (\$)	Gas (\$)	Venting (\$)		
1 Heater	924	497	178	1,508	239	0	3,346	10,745
2 Heaters	1,034	1,001	178	2,339	816	2,323	8,081	22,879
3 Heaters	1,631	1,210	266	3,087	1,074	3,299	11,152	33,348
4 Heaters	1,741	1,795	355	4,752	1,341	6,330	17,094	46,689

HW 199.1	Mounting Rack (\$)	Electric Panel (\$)	Condensate Neutralizer (\$)	Manifolds			Rack Pack Six Pack (\$)	Complete Package
				Plumbing (\$)	Gas (\$)	Venting (\$)		
1 Heater	924	497	178	1,508	239	0	3,346	12,199
2 Heaters	1,034	1,001	178	2,339	816	2,323	8,081	25,787
3 Heaters	1,631	1,210	266	3,087	1,074	3,299	11,152	37,711
4 Heaters	1,741	1,795	355	4,752	1,341	6,330	17,094	52,506

*Venting prices are for sizes noted on pages 9 & 16, and are sized for a total equivalent of 100 ft.

**Includes full wiring and test firing with test documents. X = total quantity of units.

Hamilton Engineering, Inc.

Water Heating Packaged Systems 299,999 BTU - 630,000 BTU

HW 299	Mounting Rack (\$)	Electric Panel (\$)	Condensate Neutralizer (\$)	Manifolds			Rack Pack Six Pack (\$)	Complete Package
				Plumbing (\$)	Gas (\$)	Venting (\$)		
1 Heater	924	497	178	2,506	255	0	4,360	16,554
2 Heaters	1,034	1,001	178	3,484	871	2,352	9,310	33,697
3 Heaters	1,631	1,210	266	4,509	1,188	3,824	13,213	49,794
4 Heaters	1,741	1,795	355	7,823	1,476	6,038	20,008	68,783

HW 399	Mounting Rack (\$)	Electric Panel (\$)	Condensate Neutralizer (\$)	Manifolds			Rack Pack Six Pack (\$)	Complete Package
				Plumbing (\$)	Gas (\$)	Venting (\$)		
1 Heater	924	497	178	2,890	255	0	4,744	19,787
2 Heaters	1,034	1,001	178	4,108	897	2,921	10,529	40,615
3 Heaters	1,631	1,210	266	7,204	1,188	4,795	16,879	62,008
4 Heaters	1,741	1,795	355	8,932	2,103	6,039	21,745	81,917

HW 599	Mounting Rack (\$)	Electric Panel (\$)	Condensate Neutralizer (\$)	Manifolds			Rack Pack Six Pack (\$)	Complete Package
				Plumbing (\$)	Gas (\$)	Venting (\$)		
1 Heater	924	497	178	3,213	306	0	5,118	27,609
2 Heaters	1,034	1,001	178	5,527	953	3,652	12,735	57,716
3 Heaters	1,631	1,210	266	9,272	1,946	4,806	19,716	87,188
4 Heaters	1,741	1,795	355	15,901	2,426	7,212	30,210	120,173
5 Heaters	2,338	2,084	389	24,720	2,757	8,520	41,783	154,237
6 Heaters	3,262	2,520	422	27,030	3,038	16,505	53,948	188,891

Water Heating Packaged Systems 799,998 BTU - 1,999,999 BTU

Mixed Packs	Mounting Rack (\$)	Electric Panel (\$)	Condensate Neutralizer (\$)	Manifolds			Rack Pack Six Pack (\$)	Complete Package
				Plumbing (\$)	Gas (\$)	Venting (\$)		
HW 798 (399-399)	1,034	1,001	178	4,108	897	2,921	10,529	40,615
HW 998 (599-399)	1,034	1,001	178	5,527	953	3,661	12,744	50,278

HW 1499	Electric Panel (\$)	Condensate Neutralizer (\$)	Manifolds		Total (\$)	Complete Package
			Plumbing (\$)	Gas (\$)		
1 Heater	653	480	7,747	CF	8,880	67,654
2 Heaters	1,075	960	13,690	2,312	18,037	135,585
3 Heaters	1,304	1,440	32,369	2,832	37,945	214,267
4 Heaters	1,836	1,920	42,964	3,395	50,115	285,210

HW 1999	Electric Panel (\$)	Condensate Neutralizer (\$)	Manifolds		Total (\$)	Complete Package
			Plumbing (\$)	Gas (\$)		
1 Heater	653	480	18,649	CF	19,782	85,445
2 Heaters	1,075	960	24,592	2,312	28,939	160,264
3 Heaters	1,304	1,440	44,906	2,832	50,482	247,470
4 Heaters	1,836	1,920	56,046	3,395	63,197	325,848

Note: Cascade included on all HW 1499 and HW 1999 units.

*Venting prices are for sizes noted on pages 9 & 16, and are sized for a total equivalent of 100 ft.

Hamilton Engineering, Inc.

Heater Options and Accessories

Unit Options	Part Number	List	List
Cascade board (installed)	RLY 74300	\$195	Loose \$130
Thermistor	TST 76110	\$42	(Unthreaded Sensor) for glass lined 80-200gl Tank
Thermistor	TST 71010	\$79	Immersion Style 1/2"NPT w/4" Stem with well Sensor for HSS/Tank/Piping
Thermistor	TST 71020	\$58	Strap-on Sensor 2" - 5" pipe
Thermistor	TST 71030	\$49	Outdoor Air Sensor - weatherproof encl.
Thermistor	TST 96110A	\$56	(Temperature sensor for 220 gallon and above steel tanks)
Adjustable high Limit w/Reset 79-199 1499-1999		\$784	CNV 89079
Adjustable high Limit w/Reset 299-599		\$812	CNV 89078
LP Gas Conversion (Test fired - per unit) 79 - 599		\$400	
LP Gas Conversion (Test fired - per unit) 1499 - 1999		\$800	
BMS Options	Part Number	List	List
Remote monitor thermostat	TST 74401	\$856	- Requires RLY 74356
OT comm. board (installed)	RLY 74356	\$201	Loose \$116
BMS Gateway to EVO for the following protocols:			
Gateway (LON)	RLY 74360	\$1,884	
Gateway (BACnet)	RLY 74361	\$1,884	
Gateway (Modbus)	RLY 74362	\$1,884	
Note: To observe/control each boiler/heater order 1 gateway and 1 OT board per boiler.			
Note: If the units are cascaded 1 gateway and 1 OT board are required for the lead unit. You can control the entire Cascade, but, only observe the lead unit in this configuration.			
Service Port Communication Options	List	List	
Interface Cable	\$291	(Software free with purchase of cable)	
PDA	\$625	PDA Package	\$684
PDA Serial Cable	\$34	PDA Package w/Interface Cable	\$927
PDA Serial Adaptor	\$25	PDA/Laptop Software	Free
Note: Must have attended service school for the above communication options.			
Packaging Options	List	Part Number	
Universal Package for 79 to 399	\$275		
Universal Package for 599	\$550		
Conversion EVO DUO Short Rack	\$198	CNV 89500	Each boiler requires this part on short rack.
Note: Short racks require 15% upcharge on Manifold list pricing.			
Label & Test Options	List	Part Number	
CSD-1 Report	\$30 net with order or \$60 net after order	LIT CSD1U1	
ASME Report	\$30 net with order or \$60 net after order	LIT CG500	
CSD-1 Gas Train/599 only	\$1,008	CNV 89057 H	
UL 795 / CSA 3.4 system labeling	\$595	LBL 74106	
UL 795 / CSA 3.4 system test** 2 units	\$1,095	LBL 74106-2	
UL 795 / CSA 3.4 system test** per unit over 2	\$250	LBL 74106-X	

Note: Consult CD Calculator or Sales Representative for Low Water Cut Off, LWCO.

Hamilton Engineering, Inc.

EVO Companion Stainless Steel PACKAGES

Hot Water Supply - CWIS™ Cold Water Injection System

Model	Gallon Capacity	BTU/Hr. Input	Up to GPH@ 100°F Rise	Wt. (lbs.)	List (\$)
HWD 129-80 CWIS	80	136,300	160		10,243
HWD 129-119 CWIS	119	136,300	160		11,611
HWD 199-80 CWIS	80	199,999	233	275	11,294
HWD 199-119 CWIS	119	199,999	233		12,745

EVO Companion Glass PACKAGES

Hot Water Supply - CWIS™ Cold Water Injection System

Model	Gallon Capacity	BTU/Hr. Input	Up to GPH@ 100°F Rise	Wt. (lbs.)	List (\$)
HWDC 129-80 CWIS	80	136,300	160		9,743
HWDC 129-119 CWIS	119	136,300	160		10,511
HWDC 199-80 CWIS	80	199,999	233		10,794
HWDC 199-119 CWIS	119	199,999	233		11,645

EVO Companion Glass ASME PACKAGES

Hot Water Supply - CWIS™ Cold Water Injection System

Model	Gallon Capacity	BTU/Hr. Input	Up to GPH@ 100°F Rise	Wt. (lbs.)	List (\$)
HWDC 129-119A CWIS	119	136,300	160		13,345
HWDC 199-119A CWIS	119	199,999	233		14,642
HWDC 199-160A CWIS	160	199,999	233		16,818
HWDC 299-119A CWIS	119	300,000	360		18,258
HWDC 299-160A CWIS	160	300,000	360		20,442
HWDC 399-119A CWIS	119	399,999	466		22,225
HWDC 399-160A CWIS	160	399,999	466		24,337
HWDC 599-119A CWIS	119	630,000	734		29,345
HWDC 599-160A CWIS	160	630,000	734		31,421

EVO Companion PACKAGES

Indirect Companion

Model	Gallon Capacity	BTU/Hr. Input	Up to GPH@ 100°F Rise	Wt. (lbs)	List (\$)
HWDI 129-80 SC	80	136300	151	255	15713
HWDI 129-80 DC	80	136300	152	270	CF
HWDI 199-80 SC	80	199999	210	265	CF
HWDI 199-80 DC	80	199999	221	280	18828
HWDI 129-119 SC	119	136300	147	321	16,970
HWDI 199-119 SC	119	199999	220	331	19,446
HWDI 199-119 SCDW	119	199999	218	353	CF
HWDI 299-119 DC	119	299999	326	456	24,318
HWDI 299-119 SCDW	119	299999	317	479	CF
HWDI 399-119 DC	119	399999	373	539	CF
HWDI 399-119 SCDW	119	399999	391	562	CF

Note: Indirect Companion comes with the following: Eliminator Tank, EVO Heater, Pump, Condensate Drain and Expansion Tank (For Indirect Heating Side Only).

Hamilton Engineering, Inc.

V-TUBE HOT WATER SUPPLY PACKAGES

Model No.	BTU/Hr Input	Up to GPH @ 100°F Rise	List (\$)	Pump Package	List (\$)	Total List (\$)	Weight (Pounds)
HDD 00300 2SSI	300,000	306	10,943	PMP 90311-1.5-115(2)	1,147	12,090	325
HDD 00400 2SSI	399,000	407	13,618	PMP 90311-1.5-115(3)	1,147	14,765	430
HDD 00600 2SSI	600,000	612	15,405	PMP 90309-2-115(2)	1,172	16,577	580
HDD 00750 2SSI	750,000	765	16,676	PMP 90309-2-115(2)	1,172	17,848	725
HDD 00900 2SSI	900,000	918	17,149	PMP 90309-2-115(3)	1,172	18,321	805
HDD 01050 2SSI	1,050,000	1,071	19,435	PMP 90309-2-115(3)	1,172	20,607	875
HDD 01350 2SSI	1,350,000	1,378	22,703	PMP 90341-2.5-115(2)	3,782	26,485	1,110
HDD 01500 2SSI	1,500,000	1,531	24,596	PMP 90341-2.5-115(3)	3,782	28,378	1,130
HDD 01950 2SSI	1,950,000	1,990	27,051	PMP 90334-3-115(3)	4,663	31,714	1,375
HDD 02100 2SSI	2,100,000	2,143	34,709	PMP 90334-3-115(3)	4,663	39,372	1,435
HDD 01050 4SSI	1,050,000	1,071	19,815	PMP 90309-2-115(3)	1,172	20,987	875
HDD 01350 4SSI	1,350,000	1,378	23,077	PMP 90341-2.5-115(2)	3,782	26,859	1,110
HDD 01500 4SSI	1,500,000	1,531	24,973	PMP 90341-2.5-115(3)	3,782	28,755	1,130
HDD 01950 4SSI	1,950,000	1,990	27,564	PMP 90334-3-115(3)	4,663	32,227	1,375
HDD 02100 4SSI	2,100,000	2,143	35,087	PMP 90334-3-115(3)	4,663	39,750	1,435
Pre-Plumbed Piping Manifolds							
Model	1Htr/1Tank (\$)	2Htrs/1Tank (\$)	Stack Pack (\$)				
300	2,697						
400-1050	3,158						
1350-2100	6,079						
400-600		6,150					
750-1050		10,508					

Note: LP Gas conversion at time of order is no charge, conversion from stock must consult factory.

Note: Elevation upgrade at time of order is no charge, conversion from stock must consult factory.

Hamilton Engineering, Inc.

MULTI-TUBE II HOT WATER SUPPLY PACKAGES

Model No.	BTU/Hr Input	Up to GPH @ 100°F Rise	List (\$)	Pump Package	List (\$)	Total List (\$)	Weight (Pounds)
HLD 00225 CSI	225,000	221	9,076	PMP 90311-1.5-115(2)	1,147	10,222	325
HLD 00300 CSI	300,000	295	9,234	PMP 90311-1.5-115(2)	1,147	10,381	325
HLD 00400 CSI	399,000	393	9,910	PMP 90311-1.5-115(2)	1,147	11,057	430
HLD 00600 CSI	600,000	591	12,056	PMP 90327-2-115(2)	1,513	13,569	580
HLD 00750 CSI	750,000	738	12,893	PMP 90327-2-115(3)	1,513	14,407	725
HLD 01050 CSI	1,050,000	1,034	17,184	PMP 90309-2.5-115(3)	1,742	18,926	805
HLD 01200 CSI	1,200,000	1,181	19,053	PMP 90319-2.5-115(2)	3,708	22,762	875
HLD 01480 CSI	1,479,000	1,456	20,491	PMP 90319-2.5-115(3)	3,708	24,199	1,110
HLD 01650 CSI	1,643,000	1,617	21,491	PMP 90319-2.5-115(3)	3,708	25,199	1,130
HLD 01970 CSI	1,971,000	1,940	25,046	PMP 90319-2.5-115(3)	3,708	28,754	1,375
HLD 02300 CSI	2,300,000	2,264	28,892	PMP 90315-3-115(3)	4,573	33,465	1,435
HLD 00600 2SSI	600,000	591	12,626	PMP 90327-2-115(2)	1,513	14,139	580
HLD 00750 2SSI	750,000	738	13,452	PMP 90327-2-115(3)	1,513	14,965	725
HLD 01050 2SSI	1,050,000	1,034	17,740	PMP 90309-2.5-115(3)	1,742	19,481	805
HLD 01200 2SSI	1,200,000	1,181	20,203	PMP 90319-2.5-115(2)	3,708	23,911	875
HLD 01480 2SSI	1,479,000	1,456	20,935	PMP 90319-2.5-115(3)	3,708	24,644	1,110
HLD 01650 2SSI	1,643,000	1,617	22,069	PMP 90319-2.5-115(3)	3,708	25,777	1,130
HLD 01970 2SSI	1,971,000	1,940	25,655	PMP 90319-2.5-115(3)	3,708	29,364	1,375
HLD 02300 2SSI	2,300,000	2,264	29,497	PMP 90315-3-115(3)	4,573	34,070	1,435

Pre-Plumbed Piping Manifolds

Model	1Htr/1Tank (\$)	2Htrs/1Tank (\$)	Stack Pack (\$)
225-300			
400-600	3,069		
750			
1050-1200	5,747		
1480-2300			

Note: LP Gas conversion at time of order is no charge, conversion from stock must consult factory.

Note: Elevation upgrade at time of order is no charge, conversion from stock must consult factory.

MINI-TUBE HOT WATER SUPPLY PACKAGES

Model No.	BTU/Hr Input	Up to GPH @ 100°F Rise	List (\$)	Pump Package	List (\$)	Total List (\$)	Weight (Pounds)
HSD 00100 CSI	100,000	97	4,826	PMP 90311-1.5-115(1)	1,147	5,973	150
HSD 00150 CSI	150,000	146	5,086	PMP 90311-1.5-115(1)	1,147	6,233	170
HSD 00200 CSI	199,000	194	5,288	PMP 90311-1.5-115(2)	1,147	6,435	190
HSD 00250 CSI	250,000	243	5,606	PMP 90311-1.5-115(3)	1,147	6,753	210
HSD 00300 CSI	301,000	293	5,887	PMP 90311-1.5-115(2)	1,147	7,033	230
HSD 00350 CSI	350,000	340	6,468	PMP 90311-1.5-115(2)	1,147	7,615	250
HSD 00400 CSI	399,000	388	6,971	PMP 90311-1.5-115(2)	1,147	8,118	300
HSD 00100 2SSI	100,000	97	5,488	PMP 90311-1.5-115(1)	1,147	6,635	150
HSD 00150 2SSI	150,000	146	5,756	PMP 90311-1.5-115(1)	1,147	6,903	170
HSD 00200 2SSI	199,000	194	5,969	PMP 90311-1.5-115(2)	1,147	7,116	190
HSD 00250 2SSI	250,000	243	6,292	PMP 90311-1.5-115(3)	1,147	7,438	210
HSD 00300 2SSI	301,000	293	6,588	PMP 90311-1.5-115(2)	1,147	7,735	230
HSD 00350 2SSI	350,000	340	7,214	PMP 90311-1.5-115(2)	1,147	8,361	250
HSD 00400 2SSI	399,000	388	7,712	PMP 90311-1.5-115(2)	1,147	8,859	300

Pre-Plumbed Piping Manifolds

Model	1Htr/1Tank	2Htrs/1Tank	Stack Pack
100-400	2,589	5,512	

Note: LP Gas conversion at time of order is no charge, conversion from stock must consult factory.

Note: Elevation upgrade at time of order is no charge, conversion from stock must consult factory.

Hamilton Engineering, Inc.

Hamilton '85 HOT WATER SUPPLY PACKAGES

Model No.	BTU/Hr Input	Up to GPH @ 100°F Rise	List (\$)	Pump Package	List (\$)	Total List (\$)	Weight (Pounds)
HZD 00500	500,000	510	18,735	PMP 90311-2-115(3)	1,176	19,911	545
HZD 00750	750,000	765	21,701	PMP 90309-2-115(2)	1,172	22,873	590
HZD 01000	1,000,000	1,020	24,338	PMP 90309-2-115(2)	1,172	25,510	670
HZD 01250	1,250,000	1,276	28,619	PMP 90320-2.5-115(3)	4,154	32,772	815
HZD 01500	1,500,000	1,531	31,670	PMP 90315-3-115(2)	4,573	36,243	855
HZD 01750	1,750,000	1,786	34,063	PMP 90315-3-115(3)	4,573	38,636	880
HZD 01950	1,950,000	1,990	37,060	PMP 90315-3-115(3)	4,573	41,633	930
Pre-Plumbed Piping Manifolds							
Model	1Htr/1 Tank	2Htrs/1 Tank		Stack Pack			

Note: Available in ON/OFF and 2 Stage, HZD 00500 only available in ON/OFF

Note: LP Gas conversion at time of order is no charge, conversion from stock must consult factory.

Note: Elevation upgrade at time of order is no charge, conversion from stock must consult factory.

Hamilton '88 HOT WATER SUPPLY PACKAGES

Model No.	BTU/Hr Input	Up to GPH @ 100°F Rise	List (\$)	Pump Package	List (\$)	Total List (\$)	Weight (Pounds)
HFD 00500	500,000	528	25,974	PMP 90311-2(3)	1,176	27,150	545
HFD 00750	750,000	792	28,747	PMP 90309-2(2)	1,172	29,919	590
HFD 01000	1,000,000	1,056	31,745	PMP 90309-2(2)	1,172	32,917	670
HFD 01250	1,250,000	1,321	37,354	PMP 90320-2.5(3)	4,154	41,508	815
HFD 01500	1,500,000	1,585	40,810	PMP 90315-3(2)	4,573	45,383	855
HFD 01750	1,750,000	1,849	43,714	PMP 90315-3(3)	4,573	48,288	880
HFD 02000	1,999,000	2,112	46,633	PMP 90315-3(3)	4,573	51,206	930
HFD 02500	2,500,000	2,641	54,344	PMP 71023 x	3,511	57,855	1,300
HFD 03000	3,000,000	3,169	66,931	PMP 71024 x	3,584	70,515	1,400
HFD 03500	3,500,000	3,697	75,825	PMP 71034 x	5,408	81,232	1,500
HFD 04000	4,000,000	4,226	85,482	PMP 71034 x	5,408	90,890	1,600
Pre-Plumbed Piping Manifolds							
Model	1Htr/1 Tank	2Htrs/1 Tank		Stack Pack			

Note: LP Gas conversion at time of order is no charge, conversion from stock must consult factory.

Note: Elevation upgrade at time of order is no charge, conversion from stock must consult factory.

Hamilton '96 HOT WATER SUPPLY PACKAGES

Model No.	BTU/Hr Input	Up to GPH @ 100°F Rise	List (\$)	Pump Package	List (\$)	Total List (\$)	Weight (Pounds)
HXD 00500	500,000	576	42,823	Included		42,823	850
HXD 00750	750,000	864	45,649	Included		45,649	900
HXD 01000	1,000,000	1,152	49,045	Included		49,045	1,050
HXD 01250	1,250,000	1,441	62,182	Included		62,182	1,235
HXD 01500	1,500,000	1,729	72,447	Included		72,447	1,275
HXD 01750	1,750,000	2,017	75,635	Included		75,635	1,365
HXD 02000	1,999,000	2,304	82,829	Included		82,829	1,447
Pre-Plumbed Piping Manifolds							
Model	1Htr/1 Tank	2Htrs/1 Tank		Stack Pack			

Note: LP Gas conversion at time of order is no charge, conversion from stock must consult factory.

Note: Elevation upgrade at time of order is no charge, conversion from stock must consult factory.

Hamilton Engineering, Inc.

Copperfin Series Options List(\$) Adder

	Hamilton '88	Hamilton '96	Hamilton '85	V-Tube
Pool Heater T6031 Stat	263	263	263	
Keyboard Disp. Module Honeywell S7800A	1132	1132	1132	
KY Code	230	230	230	230
Freeze Protection Kit	742	742	777	650
5' Pump Pigtail	'88 only available on 500-2000 164		164	164
	Multi-Tube II	Mini		
Pool Heater T6031 Stat	263	263		
Keyboard Disp. Module Honeywell S7800A				
KY Code	230	n/a		
Freeze Protection Kit	744	n/a		
5' Pump Pigtail	164	164		

CSD-1 Code Requirements

List (\$)	adder
Hamilton '96	477
Hamilton '88 500-2000	477
Hamilton '88 2500-4000	Standard
Hamilton '85	477
V-Tube	689
Multi-Tube II	689
Mini-Tube	n/a

V-Tube

OPTIONAL POWER VENTING SYSTEMS

For Model	Max Pipe Length	List (\$)
HD 300 HS-1	30ft	1289
HD 300 HS-2	100ft	2045
HD 400 HS-2	100ft	2045
HD 600 HS-2	67ft	2053
HD 600 HS-3	100ft	3303
HD 750-900 HS-3	100ft	3303
HD 1050-1350 HS-4	100ft	4119
HD 1500-2100 HS-5	100ft	5621
Power Vent Wiring		238
Includes: Inducer,Vent Termination & Air Intake Hoods		

Multi-Tube II

OPTIONAL POWER VENTING SYSTEMS

For Model	Max Pipe Length	List (\$)
HL 225-300 HS-1	30ft	1289
HL 225-300 HS-2	100ft	2017
HL 400 HS-2	100ft	2017
HL 600 HS-2	67ft	2023
HL 600 HS-3	100ft	3240
HL 750 HS-3	100ft	3240
HL 1050-1480 HS-4	100ft	4087
HL 1650-2300 HS-5	100ft	5582
Power Vent Wiring		238
Includes: Inducer,Vent Termination & Air Intake Hoods		

Hamilton '85

OPTIONAL POWER VENTING SYSTEMS

For Model	Max Pipe Length	List (\$)
HZ 500-750 HS-3	100ft	3308
HZ 1000 HS-4	100ft	4001
HZ 1250 HS-4	100ft	4084
HZ 1500 HS-5	100ft	5582
HZ 1750-1950 HS-5	100ft	5,626
Power Vent Wiring		238
Includes: Inducer,Vent Termination & Air Intake Hoods		

Mini

OPTIONAL POWER VENTING SYSTEMS

For Model	Max Pipe Length	List (\$)
HS 100-250 HS-1	100ft	1192
HS 300-400 HS-2	100ft	1952
Power Vent Wiring		238
Includes: Inducer,Vent Termination & Air Intake Hoods		

LOW WATER CUT OFFS**

McDonnell Miller - CSD-1 Manual Reset w/Test Switch	336
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* LWCO Standard for CSD-1

** Do not exceed amperage rating of the LWCO device.

3-Way Valves

Model	Part number	Cast Iron	size	Model	Part number	Bronze	Lead Time
A1530-140	13-0206	\$447	1½"	B1530-140	13-0208	\$1,385	CF
A2010-140	13-0201	\$627	2"	B2010-140	13-0203	\$2,132	CF
A2510-140	13-0202	\$1,521	2½"	B2510-140	13-0204	\$5,698	CF
A3010-140	13-0210	\$1,609	3"	B3010-140	13-0209	\$6,590	CF
A4010-140	13-0211	\$3,003	4"	B4010-140	13-0212	\$12,734	CF

Control Accessories (Optional) List(\$) Adder

	Hamilton '88	Hamilton '96
BACnet MSTP/IP ProtoCessor	2454	2454
LonWorks ProtoCessor	2840	2840

Hamilton Engineering, Inc.

Cupro-Nickle Heat Exchanger

Hamilton '85 BTU/hr Input	List (\$) adder	Hamilton '88 BTU/hr Input	List (\$) adder	Hamilton '96 BTU/hr Input	List (\$) adder
500	961	500	961	500	961
750	961	750	961	750	961
1000	1505	1000	1505	1000	1505
1250	1505	1250	1505	1250	1505
1500	2040	1500	2040	1500	2040
1750	2040	1750	2040	1750	2040
1950	2489	2000	2489	2000	2489
		2500	3801	2500	3801
		3000	4155	3000	4155
		3500	4557	3500	4557
		4000	4979	4000	4979

Note: This is a list add on to the total system.

Cupro-Nickle Heat Exchanger

V-Tube BTU/hr Input	List (\$) adder	Multi-Tube II BTU/hr Input	List (\$) adder	Mini-Tube BTU/hr Input	List (\$) adder
300	781	225	516	100 - 400	521
400	781	300	516		
600	1044	400	516		
750	1044	600	814		
900	1480	750	814		
1050	1480	1050	1173		
1350	2100	1200	1173		
1500	2100	1480	2100		
1950	2886	1650	2100		
2100	2886	1970	2886		
		2300	2886		

Note: This is a list add on to the total system.

Outdoor Kit

Hamilton '85 BTU/hr Input	List (\$) adder	Hamilton '88 BTU/hr Input	List (\$) adder	Hamilton '96 BTU/hr Input	List (\$) adder
500	2411	500	4103	500	4298
750	2480	750	4116	750	4298
1000	2480	1000	4116	1000	4298
1250	2968	1250	4276	1250	4552
1500	2968	1500	4276	1500	4552
1750	3028	1750	4276	1750	6507
1950	3028	2000	4276	2000	6507
		2500	6108	2500	6108
		3000	6108	3000	6108
		3500	9049	3500	9049
		4000	9049	4000	9049

Note: This is a list add on to the total system.

Note: Outdoor pump not included in list price adder.

Outdoor Kit

V-Tube BTU/hr Input	List (\$) adder	Multi-Tube II BTU/hr Input	List (\$) adder	Mini-Tube BTU/hr Input	List (\$) adder
300	1093	225	1093	100	908
400	1514	300	1093	150	957
600	1514	400	1181	200	957
750	1699	600	1181	250	1007
900	1699	750	1699	300	1007
1050	1699	1050	1699	350	1046
1350	2148	1200	2148	400	1046
1500	2148	1480	2148		
1950	2148	1650	2148		
2100	2148	1970	2148		
		2300	2148		

Note: This is a list add on to the total system.

Note: Outdoor pump not included in list price adder.

Hamilton Engineering, Inc.

GAS FIRED TANK TYPE WATER HEATERS

Model	Gallon Capacity	BTU/Hr. Input	Up to GPH@ 100°F Rise	Vent Size Inches	Wt. (lbs.)	List (\$)
HE 75-80	75	76,000	74	4	247	5,236
HED 80-180	80	180,000	175	6	540	12,959
HED 98-200 T	98	199,999	194	6	610	13,324
HED 100-200S	100	199,999	194	6	725	13,378
HED 100-250A	100	250,000	242	6	690	18,086

NON ASME

Florida and Caribbean Only!

HED 98-250	98	250,000	242	6	606
HED 75-300	75	300,000	291	8	587
HED 65-370	65	370,000	359	8	677
HED 80-400	80	399,999	388	8	790
HED 80-505	80	505,000	496	10	784
HED 65-625	65	625,000	606	8	653
HED 80-725	80	725,000	703	8	738

LP	\$250	Low Nox	125-200 MBTU	\$150	250-400 MBTU	\$195
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CONDENSING TANK TYPE

Model	Gallon Capacity	BTU/Hr. Input	Up to GPH@ 100°F Rise	Vent Size Inches	Wt. (lbs.)	List (\$)
Consult Factory						

Hamilton Engineering, Inc.

ELECTRIC TANK TYPE WATER HEATERS

Model	Gallon Capacity	KW Input	Up to GPH @ 100°F Rise	Wt. (lbs.)	208/240v List (\$)	277/480v List (\$)
HEI 50-18	50	18	74	265	9,281	9,560
HEI 50-27	50	27	111	265	12,470	12,845
HEI 50-36	50	36	147	265	13,166	13,561
HEI 80-18	80	18	74	280	11,253	11,591
HEI 80-27	80	27	111	280	14,611	15,049
HEI 80-36	80	36	147	280	15,159	15,614
HEI 80-45	80	45	184	280	18,062	18,603
HEI 80-54	80	54	221	280	18,619	19,178
HEI 119-18	119	18	74	390	13,722	14,134
HEI 119-27	119	27	111	390	15,815	16,290
HEI 119-36	119	36	147	390	16,390	16,882
HEI 119-45	119	45	184	390	19,682	20,272
HEI 119-54	119	54	221	390	20,198	20,804
HES 50-18	50	18	74	265	6,847	7,053
HES 50-27	50	27	111	265	10,096	10,399
HES 50-36	50	36	147	265	10,387	10,699
HES 80-18	80	18	74	280	8,587	8,845
HES 80-27	80	27	111	280	11,821	12,175
HES 80-36	80	36	147	280	11,999	12,359
HES 80-45	80	45	184	280	14,985	15,435
HES 80-54	80	54	221	280	15,078	15,531
HES 119-18	119	18	74	390	9,961	10,260
HES 119-27	119	27	111	390	11,519	11,865
HES 119-36	119	36	147	390	13,073	13,465
HES 119-45	119	45	184	390	16,642	17,141
HES 119-54	119	54	221	390	16,775	17,278

HEI denotes immersion thermostat

480 volt models available in three phase only

All tanks include mounted relief valve

Storage capacities up to 2500 gallons and inputs to 576 KW available - Call Factory

Hamilton Engineering, Inc.

STEAM WATER HEATERS

Model	GPH @ 100°F Rise	Boiler HP Required.	GPH @ 120°F Rise	Boiler HP Required.	Total List (\$)	Wt. (lbs.)
HETV 220-450	450	11.2	375	11.2	16,515	573
HETV 257-539*	539	13.41	420	12.54	17,339	661
HETV 275-564	564	14.03	473	14.12	17,939	676
HETV 350-696	696	17.32	546	16.3	18,637	782
HETV 432-856*	856	21.3	718	21.44	22,312	993
HETV 500-1004*	1,004	24.98	842	25.14	22,744	1,112
HETV 650-1556*	1,556	38.72	1,305	38.97	34,111	1,576
HETV 750-1823*	1,823	45.36	1,529	45.66	35,908	1,775
HETV 1000-2264	2,264	56.34	1,764	52.67	38,482	2,090
HETV 1250-2595	2,595	64.57	2,022	60.38	40,357	2,830
HETV 1500-3844	3,844	95.66	3,621	108.13	50,417	3,752
HETV 2000-5253	5,253	130.72	4,947	147.72	58,543	4,348

Above packages are completely assembled and then "knocked down" for shipping. Package includes:

Tank, Steam Coil, (2) Wye Strainers, Steam Control and Drip and Process Steam Traps & recirc pump/loop.

Capacities shown are based on a minimum incoming steam pressure to controls of 100 PSI.

* Sizing based on a 50 PSI operating pressure after steam control. All others based on 75 PSI.

Eliminators are available for shipment within 2 weeks or less, all others are 6 week lead time.

All above package prices are based on vertical tanks.

For mounted secondary condensate return coil add:	\$3,570
For pre-piped condensate bypass valve and tank over temperature control add:	\$1,864 (to 100 BHP)
(three way valve and tankstat with well)	\$2,889 (to 250 BHP)

Hamilton Engineering, Inc.

ELIMINATOR "QUICK SIZE" CHART

Washers	GPH	HP required	Eliminator Model
(1) 35#	100	1.5	HET 73080 DC - 80 Gal
(1) 50#	120	1.8	HET 73080 DC - 80 Gal
(1) 60#	130	2	HET 73080 DC - 80 Gal
(2) 35#	200	3.6	HET 73120 DC - 120 Gal
(1) 35 & 50#	220	4.1	HET 73120 DC - 120 Gal
(1) 35 & 60#	230	4.2	HET 73120 DC - 120 Gal
(2) 50#	240	4.4	HET 73120 DC - 120 Gal
(1) 50 & 60#	250	4.5	HET 73120 DC - 120 Gal
(2) 60#	260	4.7	HET 73120 DC - 120 Gal

Note: For larger applications multiple "ELIMINATORS" can be used.

We encourage you to use our free water heating system sizing program at: (800) 968-5530

ELIMINATOR PACKAGES

Eliminator Model Number	Package Description	Package List Price (\$)	Package w/Plumbing (\$)
HET 73080 SC	Single Coil-Condensate	5,029	6,263
HET 73080 SC	Single Coil-Steam	6,221	7,502
HET 73080 DC	Dual Coil-Steam & Condensate*	7,224	9,626
HET 73120 SC	Single Coil-Condensate	6,286	7,520
HET 73120 SC	Single Coil-Steam	7,478	8,759
HET 73120 DC	Dual Coil-Steam & Condensate*	8,986	11,388

Packages include: Tank & Coil(s), Steam &/or Condensate Controls (Solenoid, Traps, Strainers, Bypass Valve, Temp Controls), Relief Valve, Temp Gauge, Expansion Tank.

Plumbing Packages include: All of the above & Ball Valves, Drip Trap, and Check Valve piped together into a Manifold ready for installation.

* Suggested units for most applications. Steam-only does not utilize condensate. Condensate-only will not produce enough hot water in most applications.

STEAM WATER HEATING PACKAGES

"The Eliminator"

Model	••GPH @ 100°F Rise	•Boiler HP Required.	••GPH @ 120°F Rise	•Boiler HP Required.	Total List (\$)	Wt. (lbs.)
HET 73080 SC	216	2.76	180	2.24	4,007	144
HET 73080 DC	256	3.76	213	3.22	4,380	165
HET 73120 SC	320	5.35	267	4.84	5,264	210
HET 73120 DC	405	7.47	338	6.96	6,143	232

Note: This pricing is for the Eliminator Only.

		Single Unit List(\$)	Dual Units List(\$)
Control Packages	Over temperature protection controls * does not include relief valve, expansion tank and thermometer	629	684
	Steam control package	1,821	2,429
Pre-Plumbing	Pre-plumb - Deluxe, steam or condensate only * Plumbing only	1,234	3,395
	Pre-plumb - Deluxe combination package * Plumbing only	2,402	4,564

•• GPH rise is calculated on maximum capacity of coil(s) and may not reflect application conditions.

• Boiler HP required is just for steam consumption and is based on maximum output of steam coil only.

Hamilton Engineering, Inc.

STORAGE TANKS

Model	Dimensions	Lining	List (\$)	Wt (lbs)	C.W.I.S.	List (\$)
HET 00080 *	24" x 58.75"	Glass lined	1,806	222	HET 72080 - with CWIS	\$2,881
HET 00085 + *	28" X 46"	Glass lined	4,071	200	N/A	N/A
HET 00120 *	28" x 62.50"	Glass lined	2,924	345	HET 72120 - with CWIS	\$3,735
HET 02120 ASME + *	28" x 62.50"	Glass lined	3,816	360	HET 72120 A - with CWIS	\$5,598
HET 72160 ASME *	28" x 66.50"	Glass lined	6687	675	CWIS 90102 & CWIS 90202	\$823
HET 175 ASME + *	32" X 67.25"	Glass lined	5,978	525	N/A	N/A
HET 200 ASME *	32" x 77.25"	Glass lined	6,233	600	N/A	N/A
HET 220 ASME	30" x 76"	Glass lined	6,064	548	CWIS 90103 & CWIS 90203	\$818
HET 257 ASME	30" x 87"	Glass lined	6,565	628	CWIS 90103 & CWIS 90203	\$818
HET 275 ASME	36" x 76"	Glass lined	6,716	617	CWIS 90104 & CWIS 90204	\$834
HET 350 ASME	36" x 87"	Glass lined	7,268	653	CWIS 90104 & CWIS 90204	\$834
HET 432 ASME	42" x 78"	Glass lined	9,733	816	CWIS 90105 & CWIS 90205	\$871
HET 500 ASME	42" x 88"	Glass lined	9,875	902	CWIS 90105 & CWIS 90205	\$871
HET 650 ASME	48" x 88"	Glass lined	15,685	1,254	CWIS 90106 & CWIS 90206	\$1,087
HET 750 ASME	48" x 100"	Glass lined	17,174	1,440	CWIS 90106 & CWIS 90206	\$1,087
HET 1000 ASME +	48" x 124"	Glass lined	18,862	1,760	CWIS 90106 & CWIS 90206	\$1,087
HET 1250 ASME +	54" x 135"	Glass lined	20,561	2,508	CWIS 90107 & CWIS 90207	CF
HET 1500 ASME +	60" x 135"	Glass lined	24,625	3,290	C/F	
HET 1750 ASME +	60" x 148"	Glass lined	26,940	3,693	C/F	
HET 2000 ASME +	60" x 168"	Glass lined	28,563	4,012	C/F	

+ 6-8 week lead time for models indicated and all cement lined models.

Note: Tanks 432 gallon and above built after 1/1/14 come standard with manway.

* Pre-insulated tanks, all others should add insulation option below.

Note: Cement Lined tanks available on request.

OPTIONS & ACCESSORIES

Tank Saddles - Horizontal applications - Per pair

Diameter	List (\$)	Wt (lbs)	Diameter	List (\$)	Wt (lbs)
30"	508	49	48"	1,271	115
36"	607	57	54"	1,417	148
42"	1,091	88	60"	2,347	171

Non-Standard Tank Opening Options - 150# Steel Flanged (per opening)

Size	List (\$)	Size	List (\$)
4"	432	8"	923
6"	708	10"	1,221

Manways

Size	List (\$)
12" x 16"	939

TANK INSULATION OPTIONS Models HET 80 - HET 200 are factory insulated and jacketed

Tank Model	Kit - Foil Faced* R-4 MicroFoam List (\$)	2" Sprayed on** Polyurethane Foam/Acrylic List (\$)	Steel Jacket*** Over 2" Foam List (\$)
HET 220, 257 ASME	529	3,259	2,691 257 Only
HET 275, 350 ASME	585	3,667	C/F
HET 432 ASME	637	4,889	5,373
HET 500 ASME	637	5,704	6,118
HET 650 ASME	740	7,333	4,030
HET 750 ASME	740	7,333	4,272
HET 1000 ASME	740	9,778	6,910
HET 1250 ASME	797	11,815	C/F
HET 1500 ASME	904	14,259	C/F
HET 1750 ASME	964	15,481	C/F
HET 2000 ASME	1,065	17,111	C/F

*Can ship immediately with stock tanks. **Two week lead time using stock tanks. R-value 6.9 per inch ***8-10 week delivery.

Hamilton Engineering, Inc.

EXPANSION TANKS

Sizing Chart

Required tank capacity in gallons

Storage Tank Size	Water Temperature Rise				
	60°ΔT	80°ΔT	100°ΔT	120°ΔT	140°ΔT
80	1.38/1.64	2.42/1.12	3.62/1.68	5.04/2.34	6.65/3.09
120	2.08/1.97	3.63/1.69	5.42/2.52	7.56/3.51	9.98/4.64
200	3.46/1.61	6.05/2.81	9.04/4.20	12.6/5.86	16.64/7.74
220	3.81/1.77	6.65/3.09	9.94/4.62	13.86/6.44	18.3/8.51
240	4.15/1.93	7.25/3.37	10.85/5.04	15.12/7.03	19.96/9.28
275	4.76/2.21	8.31/3.87	12.43/5.78	17.32/8.05	22.88/10.64
350	6.06/2.82	10.58/4.92	15.82/7.35	22.04/10.25	29.12/13.54
500	8.66/4.03	15.11/7.03	22.6/10.51	31.49/14.64	41.59/19.34
750	12.98/6.04	22.67/10.54	33.89/15.76	47.24/21.97	62.39/29.01
1000	17.31/8.05	30.23/14.06	45.19/21.01	62.98/29.29	83.19/38.68

NOTE:

1. This sizing is based on maximum working pressure of Hamilton Storage Tanks.
2. Maximum city water pressure designed for is 60 PSI. For higher pressures, contact Hamilton Engineering.

POTABLE WATER EXPANSION TANKS - NON ASME

Model	Hamilton No.	Dimensions	Gallon Capacity	Wt. (lbs.)	List (\$)
			Total/Accept		
PH 5	HET 11011	8" x 11.6"	2.1/1.0	5	122
PH 12	HET 11012	11.0" x 14.5"	4.5/2.5	10	145
PH 25	HET 11013	12.5" x 18.9"	9.0/4.5	15.4	602
WHV 50	HET 11014	16.0" x 21.7"	15.0/6.0	32	837
WHV 75	HET 11015	16.0" x 28.8"	20.0/8.0	39	971
WHV 120	HET 11016	21.0" x 27.8"	32.0/14.4	60	1,254
WHV 165	HET 11017	21.0" x 36.2"	44.0/17.7	72	1,689
WHV 320	HET 11018	26.0" x 44.4"	81.0/32.6	140	2,314
FX 500	HET 61012	31.0" x 61.0"	158/103	626	4,572
FX 750	HET 61013	31.0" x 75.0"	211/107	760	4,883

POTABLE WATER EXPANSION TANKS - ASME

Model	Hamilton No.	Dimensions	Gallon Capacity	Wt. (lbs.)	List (\$)
			Total/Accept		
TTA 5	HET 61020	10" X 11"	3.5/1.3	21	1,813
TTA 12	HET 61021	12" X 13"	5.0/3.1	34	2,092
TTA 20	HET 61022	12" X 21"	8.0/3.1	49	2,331
TTA 30	HET 61023	16" X 17"	15.0/10.5	84	2,795
TTA 42	HET 61024	16" X 24"	22.0/15.5	98	2,875
TTA 60	HET 61025	16" X 34"	26.0/15.5	125	3,393
TTA 80	HET 61026	16" X 45"	35.0/15.5	190	5,005
TTA 100	HET 61027	24" X 40"	45.0/21.0	230	5,293
TTA 160	HET 61029	24" X 53"	70.0/52.5	255	5,453
TTA 210	HET 61031	24" X 60"	90.0/52.5	295	6,089

NOTE:

Larger sizes and capacities are available. Contact Hamilton Engineering for details.

Hamilton Engineering, Inc.

Service Tools

Description	Part Number	Wt. (lbs.)	List (\$)
Draft Gauge	GTP 49003	1.00	83
Minihelic gauge 0" - 2" w.c. with connection kit/mount bracket	GTP 49002	1.00	148
Minihelic gauge 0" - 20" w.c. with connection kit/mount bracket	GTP 49006	1.00	148
Electronic Manometer/Differential Air Meter (-15" - +48")	GTP 40620	2.00	731
Electronic Manometer (0 - 100 PSI)	GTP 40655	2.00	670
Combustion Analyzer with clamp-on tester	GTP 40709P	7.00	1,535
Combustion Analyzer with Manometer	GTP 40709	6.00	1,256
Combustion Analyzer with NOX	GTP 40714	6.00	4,099
Thermal paper IR Printer for both line items above	GTP 40740	2.00	487
PH Test Strips, 1 - 14 range w/color guide pk/50	MSC 33811	1.00	42

Hamilton Engineering, Inc.

MISCELLANEOUS ACCESSORIES

Temperature and Pressure Relief Valves				MBTU rating		
Part No.	Mfr. No.	Pressure	Size	AGA/ASME	Wt. (lbs.)	List(\$)
RLV 02006	NCLX-1	150	.75"M	95/500	0.50	51
RLV 02008	18C511	125	.75"M	205/1619	1.40	327
RLV 02007	FVX3-C	150	.75"F	185/1912	1.25	196
RLV 01014	18C512	150	.75"F	205/1912	1.50	148
RLV 01017	FVX5-C	125	1"F	500/1825	3.60	193
RLV 01015	FVX3-C	150	1"F	500/2155	3.75	203
RLV 01019	FVX5-L	125	1"F	750/3070	2.50	376
RLV 01016	FVX5-L	150	1"F	750/3625	2.50	417
RLV 01020	FVX4	125	1.5"	1200/5125	4.25	1,385
Pressure Only Relief Valves						
RLV 02005	F 30	30	.75"M	510	1.00	80
RLV 02001	F 95	50	.75" x 1"	1391	1.40	180
RLV 02009	F 95	75	.75" x 1"	1940	4.00	163
RLV 10417-75	10-417	75	.75" x .75"	972		29
RLV 10605-75	10-605	75	1" x 1"	2728		293
RLV 02013	F 82	150	.75"	3116	1.25	179
RLV 03006	17-402	125	.75"	791	0.50	75
RLV 03011	10-407	30	.75"	535	0.60	48
RLV 03015	10-104	30	.75" x 1"	710	1.10	119
Gauges						
Part No.	Description			Range		List (\$)
GTP 02900	T&P - 2.5" dial - 1/4" back connect			0-60 PSI - 60°-250°F		189
GTP 03000	Thermometer - 2" dial - 3/8" back connect			0° - 260°F		41
GTP 10060	Thermometer - 3" dial - 1/2" back connect			0° - 250°F		100
For HET 85,100 Insulated & Jacketed and HET 220 - HET 2000 uninsulated.						
GTP 90061	Thermometer - 3" dial - 1/2" back connect			0° - 250°F		352
For HET 200 Insulated, includes brass well (GTP 01001).						
Replacement Parts						
Part No.	Description					List (\$)
WTR 92043	Flow Switch FS4-3/ V6					270
WTR 52043	Flow Switch / IFS-1					219
WTR 62056	Flow Switch / V10, Micros					151
WTR 62058	Flow Switch / V10 399-599					151
PLT 03400	Hot Surface Ignitor - All V-Tube and Multi-Tube II					160
RLY 02023	S-86 H Electronic Ignition Control for Mini - 45 - 499					213
RLY 02400	Ignition module for HV 150 - 299					707
RLY 02402	Ignition module for HV 401 - 751					753
RLY 03428	Ignition module for HE 495 - 2066					846
RLY 03002	Ignition module for HV 991 - 2071					933
RLY 74062	Printed circuit board for EVO duo					652
RLY 74300	Cascade board					130
TRF 02004	Transformer - 50VA 120 volt x 24 volt					94
TRF 02005	Transformer - 75VA 120 volt x 24 volt					188
TRF 02701	Transformer - 150VA 120 volt x 24 volt					749
TST 63000	Tankstat with well					194
TST 02014	High Limit					460
TST 02015	Manual Reset High Limit					552
TST 02005	Low Range Pool Control					519
TST 02900	Mini Limit/Hi-Limit					207
TST 30010	Mini Operating Control					203
TST 02701	Operator - Multi-Tube II/88, HLC 02701 - High Limit V-Tube/88'					428

Hamilton Engineering, Inc.

EVO Parts

Part #	Description				List (\$)
BNR 74016	Burner Down Tube HW599				323
BNR 74018	Burner Down Tube HW129-399				124
BNR 74025	Burner HW199.1				114
BNR 74025A	Burner HW199 High Altitude				403
BNR 74027	Burner HW399				114
BNR 74027A	Burner HW399 High Altitude				604
BNR 74029	Burner HW599				243
BNR 74029A	Burner HW599 High Altitude				550
BNR 74030	Burner HW199/179/129				92
BNR 74056	Burner Door Assembly for EVO duo/micro				117
BNR 74056A	Burnerdoor High Altitude				135
CDK 74038	Drain Hose Condensate				9
CDK 74063	Drain Condensate Clean Out EVO duo				18
CDK 74084	Drain Housing Condensate				65
CDK 74114	Condensate Drain Assembly HW 79-199.1				54
CDK 74101	Drain Assembly Lower HW 199-399				47
CDK 74102	Drain Assembly Lower HW 599				47
FAN 74040	Venturi HW129/179				14
FAN 74056	Venturi HW199				79
FAN 74058	Venturi HW399/299				61
FAN 74061	Venturi HW599				106
FAN 74068	Venturi 129 exception				39
FAN 74069	Fan RG 148 w/O-Ring HW199-HW399				863
FAN 74070	Fan RG 175 w/O-Ring HW 599				1,830
FAN 74313	Fan RG 128e EVO micro HW179-199.1, Enhanced				737
FAN 74351	Fan RG 128 EVO micro HW79-129, Standard				602
FAN 74418	Fan G1G170 EVO trio				2,432
GKT 74007	Gasket Venturi HW199-399				4
GKT 74009	Drain Condensate Seal Assembly				11
GKT 74021	Gasket Seal Ring Flue Gas collector HW129/179				25
GKT 74022	Gasket Seal Ring 60mm				8
GKT 74024	Gasket Spark Electrode HW79-1999				5
GKT 74025	Gasket Seal Ring 5				15
GKT 74028	Gasket Venturi HW599				6
GKT 74029	Gasket Down Tube				12
GKT 74030	Gasket Seal Ring 3				27
GKT 74031	Gasket Seal Ring 4				15
GKT 74033	Gasket Siphon HW199/399				7
GKT 74039	Gasket Fan HW599				11
GKT 74049	Gasket Fan HW199-399				8
GKT 74050	Gasket Seal Plug 12mm for HW129/179				2
GKT 74052	Gasket Gas/Air Inlet Pipe & Fan-30, HW129				7
GKT 74055	Gasket nylon for HW129 gas valve				1
GKT 74058	Gasket Gas/Air Inlet pipe & fan-38, HW179				10
GKT 74069	Plug Seal 14mm				3
GKT 74097	Rubber plugs (5) for HW129/179				9
GKT 74108	Gasket Rubber Adptr Air/Inlet hose 199-599				13
GKT 74139	Gasket Siphon HW599				22
GTP 60060	Guage T & P Tridicator, 1/2" back mount 0-60psi, 80-290°F				112
GTP 60100	Guage T & P Tridicator, 1/2" back mount 0-100psi,80-290°F				112
GTP 60200	Guage T & P Tridicator, 1/2" Back mount 0-200psi, 80-290°F				140
GTP 60235	Guage T & P, 1/2" Back mount 0-235psi,80-290°F				800

Hamilton Engineering, Inc.

EVO Parts (Cont)

Part #	Description				List (\$)
HLC 74066	Hi Limit EVO Family 195°F				27
HLC 74274	Hi Limit EVO Family 225°F				28
HLC 74376	Hi Limit for EVO Family 155° F				34
JKR 74042	Bracket Wall Mount EVO micro				32
JKR 74075	Plate Protection Boiler Control				74
JKR 74077	Coverplate Boiler Control HW129/179				80
JKR 74100	Cover Plate Boiler Control HW129/179				80
JKR 74127	Mounting plate for micro				129
MSC 74008	Tube Air Vent EVO duo				50
MSC 74021	Hand Air Vent for HW129/179				10
MSC 74047	Air Intake Assembly, HW399				235
MSC 74052	Cover Connector EVO duo				3
MSC 74053	Air inlet connection set for HW129/179				149
MSC 74063	Nut Spread				43
MSC 74065	Plastic retaining clip for EVO Pres. Switch				6
MSC 74072	Plastic screw for Gas mixing box (129-399)				2
MSC 74073	Plastic screw for Gas mixing box (599)				2
MSC 74081	Flue gas collector for HW129/179				124
MSC 74083	Plastic feet for EVO duo/micro				2
MSC 74085	Plastic bushing for HW199-599 Cabinet				6
MSC 74094	Plastic rivet for HW129 Cases				3
MSC 74100	Black plug for EVO duo/micro gasket				C/F
MSC 74101	Flue Gas Outlet Connection HW129/179				84
MSC 74102	Clamps for Heat Exchanger, HW129/179				53
MSC 74108	Rubber Adapter for Air inlet hose 129/179				9
MSC 74111	Plastic stand-off for Display panel				3
MSC 74130	Brass Bushing for HW199 HEX				17
HEX 74xxx	Clamp for Heat Exchanger, HW199-599				CF
MSC 74291	Top of plug for VST-1 connection				10
MSC 74292	Top of plug for VST-6 connection				12
MSC 74293	Top of plug for VST-5 connection				14
MSC 74328	Red Button for Display panel				5
PLT 94505	Pilot Spark Electrode Assembly for EVO Family				77
PRS 74084	Switch P Condensate HW1499-1999				180
PRS 74326	Switch P Condensate HW79-599				122
PRS 74443	Switch P Low Gas EVO trio				594
PRS 74444	Switch P High Gas EVO trio				615
RLV 03006	Valve Relief P 125# .75 (EVO duo/micro)				67
RLV 03011	Valve Relief P 30# .75 (HW79-399)				43
RLV 03015	Valve Relief P 30# .75 (HW599)				112
RLV 10605-125	Valve Relief P 125# 1x1 (EVO trio)				384
RLV 10615-50	Valve Relief P 50# 1x1 (EVO trio)				425

Hamilton Engineering, Inc.

EVO Parts (Cont)

Part #	Description	List (\$)
RLY 74061	Display Assembly HW79-599	151
RLY 74062	Control Board EVO Family (Installed Price)	652
RLY 74152	Display Assembly HW1499-1999	154
RLY 74300	Circuit Board Cascade (Installed Price)	195
RLY 74356	Circuit Board Open Term	116
STD 95150	Rack (1) HW79-199.1	270
STD 95151	Rack (2) HW79-199.1	380
STD 95154	Rack (1) HW299-599	270
STD 95155	Rack (2) HW299-599	380
STD 95170	Leg Wall Rack HW299-599	327
STD 95171	Leg Free Standing HW299-599	327
STD 95172	Leg Wall Rack HW79-199.1	327
STD 95173	Leg Free Standing HW79-199.1	327
TST 71010	Immersion Style 1/2"NPT w/4" Stem with well Sensor for HSS/Tank/Piping	79
TST 71020	Strap-on Sensor 2" - 5" pipe	58
TST 71030	Outdoor Air Sensor - weatherproof encl.	49
TST 74287	Sensor Inlet/Outlet for HW Series	49
TST 74303	Sensor Surface Pipe Mount w/3ft Cable	71
TST 74395	Sensor Inlet/Outlet NTC for HW129/179	34
TST 74400	Remote Boiler Control	643
TST 74401	Remote DHW Control	856
TST 76071	Sensor Tank 1/8"NPT with 5' lead and 1" probe	117
VAL 74014	Valve Gas Assembly HW79-199.1	238
VAL 74041	Valve Gas Assembly HW1499-1999	2,014
VAL 74059	Valve Gas Assembly HW199-399	229
VAL 74060	Valve Gas Assembly HW599	264
VAL 74096	Valve Non-Return EVO micro	82
VAL 74097	Valve Non-Return EVO Duo 399	101
VAL 74098	Valve Non-Return EVO Duo 599	99
VAL 74347	Coil Gas Valve EV1	65
VAL 74348	Coil Gas Valve EV2	68
WRE 74000	Alarm contact/Ext. cascade control cable	C/F
WRE 74064	Cable Spark Ignition HW79-599	39
WRE 74090	Wire Harness Heating	129
WRE 74118	Cable Interface EVO duo	291
WRE 74338	Cable Cascade control	35
WRE 74339	Cable Alarm contact	70
WRE 74447	Cable Spark Ignition HW1499-1999 Lower	82
WRE 74448	Cable Spark Ignition HW1499-1999 Upper	54
WTR 52044	Switch Flow HW1499-1999	394
WTR 62056	Switch Flow V-10 Micro	151
WTR 62057	Switch Flow V-10 HW299	162
WTR 62058	Switch Flow V-10 HW399-599	151

Hamilton Engineering, Inc.

EVO Maintenance Parts List for Service Vehicles

Part Number	Description	List Price
ACK 90003	Acid Cleaning Kit EVO Micro SS Arms	\$658 *
ACK 90004	Acid Cleaning Kit EVO Micro Copper Arms	\$727 *
ACK 90005	Acid Cleaning Kit EVO DUO SS Arms	\$711 *
ACK 90006	Acid Cleaning Kit EVO DUO Copper Arms	\$733 *
ACK 90007	Complete Acid Cleaning kit, all models	\$885 *
ACK 90008	Acid cleaning fittings only, all models	\$312 *
BNR 74056	Burner Door Assembly EVO79-599	\$117
FIB 74093	Fiberboard Burner Door EVO 79-599	\$41 *
FIB 74098	Fiberboard Back Wall, 10mm	\$46 *
FIB 74114	Fiberboard Burner Door EVO Trio	\$50 *
FIB 74117	Fiberboard Back Wall, 16mm New Version	\$46 *
HEX 61102	Fernox DS40 System Cleaner	\$75 *
HEX 57882	Fernox F3 Cleaner Restorer	\$50 *
HEX 57880	Fernox F1 Inhibitor	\$47 *
HLC 74066	Hi Limit EVO 79-1999 195°F	\$27
HLC 74274	Hi Limit EVO 79-1999 225°F	\$28
HLC 74376	Hi Limit EVO 79-1999 155°F	\$34
HWT 00101	Limestone 3/4 Clean	\$4/lb
MSC 33811	Test Kit PH	\$42 *
MSC 74027	Screw Combustion Chamber 10mm Insulation	\$1 *
MSC 74028	Screw Combustion Chamber 16mm Insulation	\$1 *
MSC 74029	Washer for Combustion Chamber Insulation	\$12 *
PLT 94505	Pilot Spark Electrode Assembly EVO 79-1999	\$77
TST 74287 S	Stainless Inlet/Outlet Sensor EVO 79-1999	\$49
WTR 62052 S	Flow Switch V-10 - Uncut for use on all models	\$126 *

Per appliance consumables all ASME models See LIT 91189 for details

Part Number	Description	List Price
MNT 94208	Kit Maintenance Heat Exchanger 10mm HW79-599	\$193 *
MNT 94209	Kit Maintenance Heat Exchanger 16mm HW79-599	\$193 *
MNT 94210	Kit Maintenance Heat Exchanger 10mm HW1499-1999	\$228 *
MNT 94211	Kit Maintenance Heat Exchanger 16mm HW1499-1999	\$228 *

Above kit includes:

Fiberboard Burner Door
Fiberboard Back Wall, 10mm/16mm
Screw Combustion Chamber Insulation
Washer for Combustion Chamber Insulation
Pilot Spark Electrode Assembly EVO 79-1999
Gasket Burner Door

Note: Insulation wall thicknesses are not interchangeable, C/F for serial number applicability.

Note: Maintenance Kits for HW1499-1999 are priced for one burner chamber only. Two kits are needed for each heat exchanger.

Bulk Pricing for Maintenance Kits.		
20 or more per order	MNT 94208-9	\$163 list
40 or more per order	MNT 94208-9	\$143 list
20 or more per order	MNT 94210-11	\$208 list
40 or more per order	MNT 94210-11	\$181 list

Hamilton Engineering, Inc.

Pumps (Price does not include flanges)

Part #	Description	Horsepower	Shipping Weight	120 V	208/240 V
PMP 20300*	UP15-10 - 3/4" sweat	1/25	6.0	\$477	\$477
PMP 20301	UP15-35 S - 2 bolt flg	1/15		\$720	\$720
PMP 20302	UP15-42 C - 2-Bolt flg	1/25	7.0	\$218	\$218
PMP 20303	UPS15-55 S - 2-Bolt flg	1/12		\$756	
PMP 20012	UPS15-58 F	1/25		\$233	\$233
PMP 20304	UP26-64 C - 2-Bolt flg	1/12	11.0	\$628	\$628
PMP 20305	UP26-96 B - 2-Bolt flg	1/12	12.5	\$960	\$960
PMP 20306	UP26-96 C - 2-Bolt flg	1/6	12.0	\$659	\$659
PMP 20311	UPS26-99 B	1/6		\$1,016	\$1,016
PMP 20312	UPS26-99 C	1/6		\$701	\$701
PMP 20307	UP26-116 B - 2-Bolt flg	1/6	12.0	\$938	\$938
PMP 20308	UP26-116 C - 2-Bolt flg	1/6		\$671	\$671
PMP 20313	UPS43-44 B	1/6		\$1,091	\$1,091
PMP 20314	UPS43-44 C	1/6		\$788	\$788
PMP 20309	UPS43-100 S - 2-Bolt flg	1/2		\$941	\$941
PMP 20310	UPS43-100 C - 2-Bolt flg	1/2		\$692	\$692
PMP 71027 S	2.5" x 2" SS 1hp, 5 1/8" imp	1	86.0	\$4,071	\$4,071
PMP 71028 S	2.5" x 2" SS 1.5hp, 5 1/2" imp	1.5	86.0	\$4,071	\$4,071

*This is our recommended and stocked "Return Line Pump" - 6 gpm @ 1.8 feet of head
 Above part numbers are for the pump only (box includes flange gaskets and bolts)
 All part numbers are 240V version, for the 120V version just add the suffix "120"

Pump Packages (Includes flanges and ball valves where applicable)

Part #	Description	Horsepower	Shipping Weight (lbs)	120 V	208/240 V
PMP 90302	UP15-42 C Package w/1" flanges	1/25		\$314	\$314
PMP 90302 MM	UP15-42 C Package w/1" flanges	1/25		\$287	\$287
PMP 90304	UP26-64 C Package w/1.5" flanges	1/12		\$807	\$807
PMP 90304 MM	UP26-64 C Package w/1.5" flanges	1/12		\$735	\$735
PMP 90305	UP26-96 B Package w/1" flanges	1/12		\$1,110	\$1,110
PMP 90307	UP26-116 B Package w/1.5" flanges	1/6		\$1,073	\$1,073
PMP 90309	UPS43-100 SF Package w/1.5" flanges	1/2		\$1,229	\$1,229
PMP 90310	UPS43-100 C Package w/1.5" flanges	1/2		\$884	\$884
PMP 90310 MM	UPS43-100 C Package w/1.5" flanges	1/2		\$805	\$805
PMP 90311	UPS26-99 B Package w/1" flanges			\$1,166	\$1,166
PMP 90312 MM	UPS26-99 C Package w/1.5" flanges			\$809	\$809
PMP 91027 SD	2.5" x 2" SS 1hp, 5 1/8" imp	1		\$4,744	\$4,744
PMP 91028 SD	2.5" x 2" SS 1.5hp, 5 1/2" imp	1.5		\$4,979	\$4,979
PMP 91027 SH	2.5" x 2" SS 1hp, 5 1/8" imp	1		\$4,703	\$4,703
PMP 91028 SH	2.5" x 2" SS 1.5hp, 5 1/2" imp	1.5		\$4,938	\$4,938

Pump Flanges (Match flanges and pumps from previous page if only pump and flanges are needed)

Part #	Description	List (\$)
PRP 20011	3/4" Threaded Bronze Flange Set	124
PRP 20013	1" Threaded Bronze Flange Set for PMP 20305	124
PRP 20014	1" Threaded Cast Flange Set for PMP 20302	27
PRP 20017	1 1/4" Threaded Cast Flange Set	27
PRP 20018	1 1/4" Threaded Dielectric ISO Flange Set	0
PRP 20019	1 1/2" Threaded Bronze Flange Set for PMP 20309	171
PRP 20020	1 1/2" Threaded Cast Flange Set for PMP 20020	52
PRP 20021	1 1/2" Threaded Cast Flange Set for PMP 20304	27
PRP 20022	1 1/2" Threaded Dielectric ISO Flange Set for PMP 20307	167

Hamilton Engineering, Inc.

Grundfo's Pump Package Breakdown

EVO Water Heaters

EVO Boilers/copper

Model No.	Pump Package	List (\$)	Model No.	Pump Package	List (\$)
HWD 79	PMP 90305	\$1,110	HWH 79	PMP 90346	\$322
HWD 129	PMP 90305	\$1,110	HWH 79.8	PMP 90346	\$322
HWD 179	PMP 90311	\$1,166	HWH 129	PMP 90346	\$322
HWD 199.1	PMP 90311	\$1,166	HWH 129.8	PMP 90346	\$322
HWD 299	PMP 90307	\$1,073	HWH 179	PMP 90346	\$322
HWD 328	PMP 90305 & PMP 90311	\$2,276	HWH 179.8	PMP 90346	\$322
HWD 399	PMP 90309	\$1,229	HWH 199.1	PMP 90304-199.1	\$724
HWD 498	PMP 90311 & PMP 90307	\$2,238	HWH 199.8	PMP 90304-199.1	\$724
HWD 599	PMP 90309	\$1,229	HWH 299	PMP 90304	\$807
HWD 698	PMP 90307 & PMP 90309	\$2,302	HWH 328	(2)PMP 90346	\$644
HWD 798	(2)PMP 90309	\$2,459	HWH 399	PMP 90312	\$878
HWD 998	(2)PMP 90309	\$2,459	HWH 498	PMP 90304 & PMP 90304-199.1	\$1,531
HWD 1397	(3)PMP 90309	\$3,688	HWH 599	PMP 90310	\$884
			HWH 698	PMP 90304 & PMP 90312	\$1,685
HWD 1597	(3)PMP 90309	\$3,688	HWH 798	(2)PMP 90312	\$1,756
			HWH 998	PMP 90312 & PMP 90310	\$1,762
			HWH 1397	(2)PMP 90312 & PMP 90310	\$2,640
			HWH 1597	PMP 90312 & (2)PMP 90310	\$2,647

Gould Pump Package Breakdown

EVO Water Heaters

EVO Boilers/copper

Model No.	Pump Package	List (\$)	Model No.	Pump Package	List (\$)
HWD 79	PMP 90237 S 79-129	\$2,069	HWH 79	PMP 90237 S 79-129	\$2,069
HWD 129	PMP 90237 S 79-129	\$2,069	HWH 79.8	PMP 90237 S 79-129	\$2,069
HWD 179	PMP 90213 S 179-199	\$1,771	HWH 129	PMP 90237 S 79-129	\$2,069
HWD 199.1	PMP 90213 S 179-199	\$1,771	HWH 129.8	PMP 90237 S 79-129	\$2,069
HWD 299	PMP 90213 S 299	\$1,996	HWH 179	PMP 90213 S 179-199	\$1,771
HWD 328	PMP 90213 S 179-199 & PMP 90237 S	\$3,840	HWH 179.8	PMP 90213 S 179-199	\$1,771
HWD 399	PMP 90237 S 399	\$2,294	HWH 199.1	PMP 90213 S 179-199	\$1,771
HWD 498	PMP 90213 S 299 & PMP 90213 S 179-199	\$3,767	HWH 199.8	PMP 90213 S 179-199	\$1,771
HWD 599	PMP 90235 S	\$2,103	HWH 299	PMP 90213 S 299	\$1,996
HWD 698	PMP 90213 S 299 & PMP 90237 S 399	\$4,290	HWH 328	PMP 90213 S 179-199 & PMP 90237	\$3,840
HWD 798	(2)PMP 90237 S 399	\$4,588	HWH 399	PMP 90237 S 399	\$2,294
HWD 998	PMP 90235 S & PMP 90237 S 399	\$4,397	HWH 498	PMP 90213 S 299 & PMP 90213 S 179-199	\$3,767
HWD 1397	(2)PMP 90237 S 399 & PMP 90235 S	\$6,691	HWH 599	PMP 90235 S	\$2,103
HWD 1499	PMP 91027 SD	\$4,744	HWH 698	PMP 90213 S 299 & PMP 90237 S 399	\$4,290
HWD 1597	(2)PMP 90235 S & PMP 90237 S 399	\$6,500	HWH 798	(2)PMP 90237 S 399	\$4,588
HWD 1999	PMP 91028 SD	\$4,979	HWH 998	PMP 90235 S & PMP 90237 S 399	\$4,397
			HWH 1397	(2)PMP 90237 S 399 & PMP 90235 S	\$6,691
			HWH 1499	PMP 91027 SH	\$4,703
			HWH 1597	(2)PMP 90235 S & PMP 90237 S 399	\$6,500
			HWH 1999	PMP 91028 SH	\$4,938

Hamilton Engineering, Inc.

Water Softener Systems

Model number	Grains Capacity	Mineral Tank Dia. X Height	Brine Tank Dia. X height	Floor Space Required	Flow Rate Cont./Peak	Approx Ship WGT.	List (\$)
Single Resin Tank System - Single metered							
1MGTE 30 1	30000	9" x 48"	18" x 33"	33" x 18"	15/20	100	1871
1MGTE 45 1	45000	10" x 54"	18" x 40"	34" x 18"	17/22	140	2007
1MGTE 60 1	60000	12" x 52"	18" x 40"	36" x 18"	20/25	175	2204
1MGTE 60 1 1/2	60000	13" x 54"	18" x 40"	36" x 18"	33/42	180	4460
1MGTE 90 1	90000	14" x 65"	18" x 40"	38" x 18"	21/26	280	2691
1MGTE 90 1 1/2	90000	14" x 65"	18" x 40"	38" x 18"	33/45	290	5007
1MGTE 120 1 1/2	120000	16" x 65"	24" x 40"	46" x 24"	26/50	370	5494
1MGTE 150 1 1/2	150000	18" x 65"	24" x 40"	48" x 24"	40/54	460	6187
1MGTE 210 1 1/2	210000	21" x 62"	24" x 50"	51" x 24"	43/58	650	6899
1MGTE 300 1 1/2	300000	24" x 72"	24" x 50"	54" x 24"	45/60	920	8566
Single Resin Tank System - with "NXT" controller							
1MGT 30 1	30000	9" x 48"	18" x 33"	33" x 18"	14/19	104	3529
1MGT 45 1	45000	10" x 54"	18" x 40"	34" x 18"	15/20	144	3674
1MGT 45 1 1/2	45000	13" x 54"	18" x 40"	34" x 18"	18/28	149	4836
1MGT 60 1	60000	12" x 52"	18" x 40"	36" x 18"	16/21	178	3871
1MGT 60 1 1/2	60000	13" x 54"	18" x 40"	36" x 18"	28/39	187	4930
1MGT 60 2	60000	13" x 54"	18" x 40"	36" x 18"	33/49	199	5973
1MGT 90 1	90000	14" x 65"	18" x 40"	38" x 18"	17/22	287	4247
1MGT 90 1 1/2	90000	14" x 65"	18" x 40"	38" x 18"	31/42	296	5349
1MGT 90 2	90000	14" x 65"	18" x 40"	38" x 18"	39/54	319	6520
1MGT 120 1 1/2	120000	16" x 65"	24" x 40"	46" x 24"	34/46	374	5819
1MGT 120 2	120000	16" x 65"	24" x 40"	46" x 24"	47/64	387	6999
1MGT 150 1 1/2	150000	18" x 65"	24" x 40"	48" x 24"	37/51	463	6452
1MGT 150 2	150000	18" x 65"	24" x 40"	48" x 24"	61/80	476	7802
1MGT 210 1 1/2	210000	21" x 62"	24" x 50"	51" x 24"	39/52	654	7253
1MGT 210 2	210000	21" x 62"	24" x 50"	51" x 24"	60/77	667	8612
1MGT 240 1 1/2	240000	24" x 72"	24" x 50"	54" x 24"	42/55	811	8270
1MGT 240 2	240000	24" x 72"	24" x 50"	54" x 24"	74/97	824	9638
1MGT 240 3	240000	24" x 72"	24" x 50"	54" x 24"	120/170	888	18005
1MGT 300 1 1/2	300000	24" x 72"	24" x 50"	54" x 24"	41/55	927	8629
1MGT 300 2	300000	24" x 72"	24" x 50"	54" x 24"	68/91	939	9997
1MGT 300 3	300000	24" x 72"	24" x 50"	54" x 24"	114/150	1003	18347
1MGT 450 2	450000	30" x 72"	30" x 48"	66" x 30"	84/105	1375	13306
1MGT 450 3	450000	30" x 72"	30" x 48"	66" x 30"	160/213	1439	21178
1MGT 600 2	600000	36" X 72"	39" X 48"	81" X 39"	87/110	2033	15936
1MGT 600 3	600000	36" X 72"	39" X 48"	81" X 39"	185/250	2097	24253
1MGT 900 3	900000	42" X 72"	42" x 60"	90" X 42"	165/225	3421	31917
1MGT 1200 3	1200000	48" x 72"	42" x 60"	96" x 48"	205/275	4394	36620

Note: Piping is additional. C/F for quote.

Hamilton Engineering, Inc.

Water Softener Systems (cont.)

Model number	Grains Capacity	Mineral Tank Dia. X Height	Brine Tank Dia. X height	Floor Space Required	Flow Rate Cont./Peak	Approx Ship WGT.	List (\$)
Dual Resin Tank System - Alternating Twin							
MAT 15M 3/4	15000 7" x 44"		18" x 33"	38" x 18"	11.6/15.7	130	3588
MAT 15M 3/4 SXT	15000 7" x 44"		18" x 33"	38" x 18"	11.6/15.7	130	2853
MAT 22M 3/4	22000 8" x 44"		18" x 33"	40" x 18"	12.4/16.8	165	3708
MAT 22M 3/4 SXT	22000 8" x 44"		18" x 33"	40" x 18"	12.4/16.8	165	2965
MAT 30M 3/4	30000 9" x 48"		18" x 33"	42" x 18"	14/18.6	200	3862
MAT 30M 3/4 SXT	30000 9" x 48"		18" x 33"	42" x 18"	14/18.6	200	3127
MAT 45M 3/4	45000 10" x 54"		18" x 40"	45" x 18"	13.4/17.9	265	4118
MAT 45M 3/4 SXT	45000 10" x 54"		18" x 40"	45" x 18"	13.4/17.9	265	3383
MAT 60M 3/4	60000 12" x 52"		18" x 40"	49" x 18"	14/18.4	400	4486
MAT 60M 3/4 SXT	60000 12" x 52"		18" x 40"	49" x 18"	14/18.4	400	3751
MAT 60M 1	60000 12" x 52"		18" x 40"	49" x 18"	16/21	400	5187
MAT 60M 1 SXT	60000 12" x 52"		18" x 40"	49" x 18"	16/21	400	4204
MAT 60M 1 1/2	60000 12" x 52"		18" x 40"	52" x 18"	28/39	425	9529
MAT 60M 1 1/2 SXT	60000 12" x 52"		18" x 40"	52" x 18"	28/39	425	7939
MAT 90M 1	90000 14" x 65"		18" x 40"	56" x 18"	17/22	625	6122
MAT 90M 1 SXT	90000 14" x 65"		18" x 40"	56" x 18"	17/22	625	5148
MAT 90M 1 1/2	90000 14" x 65"		18" x 40"	56" x 18"	31/42	650	10566
MAT 90M 1 1/2 SXT	90000 14" x 65"		18" x 40"	56" x 18"	31/42	650	8977
MAT 120M 1	120000 16" x 65"		24" x 40"	64" x 24"	18/23	825	7282
MAT 120M 1 SXT	120000 16" x 65"		24" x 40"	64" x 24"	18/23	825	6316
MAT 120M 1 1/2	120000 16" x 65"		24" x 40"	68" x 24"	34/46	850	11316
MAT 120M 1 1/2 SXT	120000 16" x 65"		24" x 40"	68" x 24"	34/46	850	9726
MAT 150M 1 1/2	150000 18" x 65"		24" x 40"	72" x 24"	38.5/50	1150	12604
MAT 150M 1 1/2 SXT	150000 18" x 65"		24" x 40"	72" x 24"	38.5/50	1150	11091
MAT 180M 1 1/2	180000 21" x 62"		24" x 50"	78" x 24"	41/54	1250	13787
MAT 180M 1 1/2 SXT	180000 21" x 62"		24" x 50"	78" x 24"	41/54	1250	12274
MAT 210M 1 1/2	210000 21" x 62"		24" x 50"	78" x 24"	39/52	1375	14292
MAT 210M 1 1/2 SXT	210000 21" x 62"		24" x 50"	78" x 24"	39/52	1375	12720
MAT 240M 1 1/2	240000 24" x 72"		24" x 50"	84" x 24"	43/57	1600	15852
MAT 240M 1 1/2 SXT	240000 24" x 72"		24" x 50"	84" x 24"	43/57	1600	14330
MAT 270M 1 1/2	270000 24" x 72"		24" x 50"	84" x 24"	42/55	1725	16211
MAT 270M 1 1/2 SXT	270000 24" x 72"		24" x 50"	84" x 24"	42/55	1725	14681
MAT 300M 1 1/2	300000 24" x 72"		24" x 50"	84" x 24"	41/55	1850	16553
MAT 300M 1 1/2 SXT	300000 24" x 72"		24" x 50"	84" x 24"	41/55	1850	15031
MAT 450M 1 1/2	450000 30" x 72"		30" x 48"	102" x 30"	45/62	2725	23349
MAT 450M 1 1/2 SXT	450000 30" x 72"		30" x 48"	102" x 30"	45/62	2725	21349
Dual Resin Tank System - Alternating Twin "NXT" Controller, for demand flow upgrade see below.*							
2MGT 60 2	120000 (2) 13" x 54"		18" x 40"	54" x 18"	33/49	381	10566
2MGT 90 2	180000 (2) 14" x 65"		18" x 40"	58" x 18"	39/54	610	11327
2MGT 120 2	240000 (2) 16" x 65"		24" x 40"	68" x 24"	47/64	746	12148
2MGT 150 2	300000 (2) 18" x 65"		24" x 40"	72" x 24"	61/80	923	13609
2MGT 210 2	420000 (2) 21" x 62"		24" x 50"	82" x 24"	60/77	1302	14968
2MGT 240 2	480000 (2) 24" x 72"		24" x 50"	90" x 24"	74/97	1616	17053
2MGT 240 3	480000 (2) 24" x 72"		24" x 50"	90" x 24"	120/170	1743	33310
2MGT 300 2	600000 (2) 24" x 72"		24" x 50"	90" x 24"	68/91	1847	17731
2MGT 300 3	600000 (2) 24" x 72"		24" x 50"	90" x 24"	114/150	1974	34048
2MGT 450 2	900000 (2) 30" x 72"		30" x 48"	108" x 30"	84/105	2689	24091
2MGT 450 3	900000 (2) 30" x 72"		30" x 48"	108" x 30"	160/213	2817	39628
2MGT 600 2	1200000 (2) 36" x 72"		39" x 48"	129" x 39"	87/110	3988	29098
2MGT 600 3	1200000 (2) 36" x 72"		39" x 48"	129" x 39"	185/250	4116	45245
2MGT 900 3	1800000 (2) 42" x 72"		42" x 60"	144" x 42"	165/225	6731	59503
2MGT 1200 3	2400000 (2) 48" x 72"		42" x 60"	156" x 48"	205/275	8678	68621
Triple Resin Tank System - with "NXT" controller 3214 demand flow							
3MGT 60 2	180000 (3) 13" x 54"		18" x 40"	72" x 18"	99/147	580	17270
3MGT 90 2	270000 (3) 14" x 65"		18" x 40"	78" x 18"	117/162	901	18864
3MGT 120 2	360000 (3) 16" x 65"		24" x 40"	90" x 24"	141/192	1105	19966
3MGT 150 2	450000 (3) 18" x 65"		24" x 40"	96" x 24"	183/240	1370	22189
3MGT 210 2	630000 (3) 21" x 62"		24" x 50"	113" x 24"	180/231	1937	24291
3MGT 240 2	720000 (3) 24" x 72"		24" x 50"	126" x 24"	222/291	2408	27437
3MGT 240 3	720000 (3) 24" x 72"		24" x 50"	126" x 24"	360/510	2631	52463
3MGT 300 2	900000 (3) 24" x 72"		24" x 50"	126" x 24"	204/273	2755	28554
3MGT 300 3	900000 (3) 24" x 72"		24" x 50"	126" x 24"	342/450	2977	53598
3MGT 450 2	1350000 (3) 30" x 72"		30" x 48"	150" x 30"	252/315	4003	38326
3MGT 450 3	1350000 (3) 30" x 72"		30" x 48"	150" x 30"	480/639	4256	61728
3MGT 600 2	1800000 (3) 36" x 72"		39" x 48"	177" x 39"	261/330	5943	45256
3MGT 600 3	1800000 (3) 36" x 72"		39" x 48"	177" x 39"	555/750	6213	70207
3MGT 900 3	2700000 (3) 42" x 72"		42" x 60"	198" x 42"	495/675	10152	92035
3MGT 1200 3	3600000 (3) 48" x 72"		42" x 60"	216" x 48"	615/825	12962	105792

Note: Piping is additional. C/F for quote.

*NOTE: Demand flow upgrade pricing for twin tank system. Add \$1849.00 to 2" systems. Add \$2269.00 to 3" systems.

Hamilton Engineering, Inc.

5 PSI Gas Pressure

Gas Pressure Regulators - Natural Gas

Connection and Model Number	Orifice	Natural Gas 5 psi/btu	1	2	3	Part Number	List (\$)
1/2" 043	1/8"	160	HW 79			PRV 53040	\$306
	1/4"	370	HW 129, HW 179, HW 199, HW 299	HW 79, HW 129	HW 79	PRV 53041	\$306
3/4" 143	3/8"	730	HW 399	HW 179, HW 199, HW 299	HW 129, HW 179, HW 199	PRV 54142	\$329
1" 143	1/2"	950	HW 599			PRV 55143	\$329
1.25" 143	1/2"	1490		HW 399	HW 299, HW 399	PRV 56143	\$524
1.25" 243-12-2	3/8"	2100	HW 1499	HW 599		PRV 56242	\$1,703
2" 243-12-2	3/8"	2100				PRV 58242	\$1,748
	1/2"	3500	HW 1999		HW 599	PRV 58243	\$1,748
	3/4"	6900		HW 1499, HW 1999	HW 1499	PRV 58244	\$1,748

Connection and Model Number	Orifice	Natural Gas 5 psi/btu	Number of units 4	5	6	Part Number	List (\$)
1/2" 043	1/8"	160				PRV 53040	\$306
	1/4"	370				PRV 53041	\$306
3/4" 143	3/8"	730	HW 79, HW 129			PRV 54142	\$329
1" 143	1/2"	950	HW 179			PRV 55143	\$329
1.25" 143	1/2"	1490	HW 199, HW 299			PRV 56143	\$524
1.25" 243-12-2	3/8"	2100	HW 399			PRV 56242	\$1,703
2" 243-12-2	3/8"	2100				PRV 58242	\$1,748
	1/2"	3500	HW 599			PRV 58243	\$1,748
	3/4"	6900		HW 599	HW 599	PRV 58244	\$1,748

Gas Pressure Regulators - Propane/LP

Connection and Model Number	Orifice	Propane/LP 5 psi/btu	1	2	3	Part Number	List (\$)
1/2" 043	1/8"	160	HW 79			PRV 53040	\$306
	1/4"	370	HW 129, HW 179, HW 199, HW 299	HW 79, HW 129	HW 79	PRV 53041	\$306
3/4" 143	3/8"	730	HW 399	HW 179, HW 199, HW 299	HW 129, HW 179, HW 199	PRV 54142	\$329
1" 143	1/2"	598				PRV 55143	\$329
1.25" 143	1/2"	938	HW 599			PRV 56143	\$524
1.25" 243-12-2	3/8"	1638		HW 399, HW 599	HW 299, HW 399	PRV 56242	\$1,703
	3/4"	2646	HW 1499, HW 1999		HW 599	PRV 57244	\$1,703
	1"	3276				PRV 57245	\$1,703
2" 243-12-2	3/8"	1134				PRV 58242	\$1,748
	1/2"	1764				PRV 58243	\$1,748
	3/4"	2961				PRV 58244	\$1,748

Connection and Model Number	Orifice	Propane/LP 5 psi/btu	Number of units 4	5	6	Part Number	List (\$)
1/2" 043	1/8"	160				PRV 53040	\$306
	1/4"	370				PRV 53041	\$306
3/4" 143	3/8"	730	HW 79, HW 129			PRV 54142	\$329
1" 143	1/2"	598				PRV 55143	\$329
1.25" 143	1/2"	938	HW 179			PRV 56143	\$524
1.25" 243-12-2	3/8"	1638	HW 199, HW 299			PRV 56242	\$1,703
	3/4"	2646	HW 399			PRV 57244	\$1,703
	1"	3276	HW 599			PRV 57245	\$1,703
2" 243-12-2	3/8"	1134				PRV 58242	\$1,748
	1/2"	1764				PRV 58243	\$1,748
	3/4"	2961				PRV 58244	\$1,748

Hamilton Engineering, Inc.

2 PSI Gas Pressure

Gas Pressure Regulators - Natural Gas

Connection and Model Number	Orifice	Natural Gas 2 psi/btu	1	2	3	Part Number	List (\$)
1/2" 043	1/8"	120	HW 79			PRV 53040	\$306
	1/4"	210	HW 129	HW 79		PRV 53041	\$306
			HW 179, HW 199, HW 299, HW 399	HW 129, HW 179, HW 199			
3/4" 143	3/8"	570			HW 79, HW 129	PRV 54142	\$329
1" 143	1/2"	880	HW 599	HW 299	HW 179, HW 199	PRV 55143	\$329
1.25" 143	1/2"	1020		HW 399		PRV 56143	\$524
1.25" 243-12-2	3/8"	1200			HW 299	PRV 56242	\$1,703
2" 243-12-2	3/8"	1200				PRV 58242	\$1,748
	1/2"	2000	HW 1499	HW 599	HW 399	PRV 58243	\$1,748
	3/4"	3400	HW 1999		HW 599	PRV 58244	\$1,748
	1"	4700		HW 1499		PRV 58245	\$1,748

Connection and Model Number	Orifice	Natural Gas 2 psi/btu	Number of units 4	5	6	Part Number	List (\$)
1/2" 043	1/8"	120				PRV 53040	\$306
	1/4"	210				PRV 53041	\$306
3/4" 143	3/8"	570	HW 79			PRV 54142	\$329
			HW 129, HW 179				
1" 143	1/2"	880				PRV 55143	\$329
1.25" 143	1/2"	1020	HW 199			PRV 56143	\$524
1.25" 243-12-2	3/8"	1200				PRV 56242	\$1,703
2" 243-12-2	3/8"	1200				PRV 58242	\$1,748
			HW 299, HW 399				
	1/2"	2000				PRV 58243	\$1,748
	3/4"	3400	HW 599			PRV 58244	\$1,748
	1"	4700		HW 599	HW 599	PRV 58245	\$1,748

Gas Pressure Regulators - Propane/LP

Connection and Model Number	Orifice	Propane/LP 2 psi/btu	1	2	3	Part Number	List (\$)
1/2" 043	1/8"	120	HW 79			PRV 53040	\$306
	1/4"	210	HW 129	HW 79		PRV 53041	\$306
			HW 179, HW 199, HW 299, HW 399	HW 129, HW 179, HW 199			
3/4" 143	3/8"	570			HW 79, HW 129	PRV 54142	\$329
1" 143	1/2"	554				PRV 55143	\$329
1.25" 143	1/2"	642				PRV 56143	\$524
1.25" 243-12-2	3/8"	945	HW 599	HW 299	HW 179, HW 199	PRV 56242	\$1,703
	3/4"	1386		HW 399	HW 299	PRV 57244	\$1,703
	1"	1764		HW 599	HW 399	PRV 57245	\$1,703
2" 243-12-2	3/8"	630				PRV 58242	\$1,748
	1/2"	945				PRV 58243	\$1,748
	3/4"	1512				PRV 58244	\$1,748
	1"	2142				PRV 58245	\$1,748

Connection and Model Number	Orifice	Propane/LP 2 psi/btu	Number of units 4	5	6	Part Number	List (\$)
1/2" 043	1/8"	120				PRV 53040	\$306
	1/4"	210				PRV 53041	\$306
3/4" 143	3/8"	570	HW 79			PRV 54142	\$329
1" 143	1/2"	554				PRV 55143	\$329
1.25" 143	1/2"	642				PRV 56143	\$524
			HW 129, HW 179				
1.25" 243-12-2	3/8"	945				PRV 56242	\$1,703
	3/4"	1386	HW 199			PRV 57244	\$1,703
	1"	1764	HW 299			PRV 57245	\$1,703
2" 243-12-2	3/8"	630				PRV 58242	\$1,748
	1/2"	945				PRV 58243	\$1,748
	3/4"	1512				PRV 58244	\$1,748
	1"	2142	HW 399			PRV 58245	\$1,748

Hamilton Engineering, Inc.

Rack Pack 6 Pack Part Number & Reasoning 79,999 BTU - 200,000 BTU (Part Number Breakdown)

Note: Rack Pack Six Pack includes Inlet & Outlet Venting (for multiple units), Gas Manifold, Electrical, Condensate Piping, Water Piping, Stand, and Cascade Controls

HW 79	Mounting Rack P/N	Electric Panel P/N	Condensate Neutralizer P/N	Manifolds		
				Plumbing P/N	Gas P/N	Venting P/N
1 Heater	(1)STD 95150/ (2)STD 9517X	ELE 90001	CNK 90001 M (Horizontal)	KIT 0A11X FXXX	GAS 9A1B3	N/A
2 Heaters	(1)STD 95151/ (2)STD 9517X	ELE 90002	CNK 90002 M (Horizontal)	KIT 0A21X FXXX	GAS 9A2DX	VNT 9A2HX (4")
3 Heaters	(1)STD 95150/ (1)STD 95151/ (3)STD 9517X	ELE 90003	CNK 90003 M (Horizontal) CNK 90004 M (Horizontal)	KIT 0A31X FXXX	GAS 9A3DX	VNT 9A3HX (4")
4 Heaters	(2)STD 95151/ (3)STD 9517X	ELE 90004	CNK 90004 M (Horizontal)	KIT 0A41X FXXX	GAS 9A4DX	VNT 9A4IX (5")

HW 129	Mounting Rack P/N	Electric Panel P/N	Condensate Neutralizer P/N	Manifolds		
				Plumbing P/N	Gas P/N	Venting P/N
1 Heater	(1)STD 95150/ (2)STD 9517X	ELE 90001	CNK 90001 M (Horizontal)	KIT 0B11X FXXX	GAS 9B1B3	N/A
2 Heaters	(1)STD 95151/ (2)STD 9517X	ELE 90002	CNK 90002 M (Horizontal)	KIT 0B21X FXXX	GAS 9B2DX	VNT 9B2HX (4")
3 Heaters	(1)STD 95150/ (1)STD 95151/ (3)STD 9517X	ELE 90003	CNK 90003 M (Horizontal) CNK 90004 M (Horizontal)	KIT 0B31X FXXX	GAS 9B3DX	VNT 9B3IX (5")
4 Heaters	(2)STD 95151/ (3)STD 9517X	ELE 90004	CNK 90004 M (Horizontal)	KIT 0B41X FXXX	GAS 9B4DX	VNT 9B4IX (5")

HW 179	Mounting Rack P/N	Electric Panel P/N	Condensate Neutralizer P/N	Manifolds		
				Plumbing P/N	Gas P/N	Venting P/N
1 Heater	(1)STD 95150/ (2)STD 9517X	ELE 90001	CNK 90001 M (Horizontal)	KIT 0C11X FXXX	GAS 9C1B3	N/A
2 Heaters	(1)STD 95151/ (2)STD 9517X	ELE 90002	CNK 90002 M (Horizontal)	KIT 0C21X FXXX	GAS 9C2DX	VNT 9C2HX (4")
3 Heaters	(1)STD 95150/ (1)STD 95151/ (3)STD 9517X	ELE 90003	CNK 90003 M (Horizontal) CNK 90004 M (Horizontal)	KIT 0C31X FXXX	GAS 9C3DX	VNT 9C3IX (5")
4 Heaters	(2)STD 95151/ (3)STD 9517X	ELE 90004	CNK 90004 M (Horizontal)	KIT 0C41X FXXX	GAS 9C4DX	VNT 9C4IX (5")

HW 199.1	Mounting Rack P/N	Electric Panel P/N	Condensate Neutralizer P/N	Manifolds		
				Plumbing P/N	Gas P/N	Venting P/N
1 Heater	(1)STD 95150/ (2)STD 9517X	ELE 90001	CNK 90001 M (Horizontal)	KIT 0D11X FXXX	GAS 9D1B3	N/A
2 Heaters	(1)STD 95151/ (2)STD 9517X	ELE 90002	CNK 90002 M (Horizontal)	KIT 0D21X FXXX	GAS 9D2DX	VNT 9D2IX (5")
3 Heaters	(1)STD 95150/ (1)STD 95151/ (3)STD 9517X	ELE 90003	CNK 90003 M (Horizontal) CNK 90004 M (Horizontal)	KIT 0D31X FXXX	GAS 9D3DX	VNT 9D3IX (5")
4 Heaters	(2)STD 95151/ (3)STD 9517X	ELE 90004	CNK 90004 M (Horizontal)	KIT 0D41X FXXX	GAS 9D4DX	VNT 9D4IX (6")

Hamilton Engineering, Inc.

Rack Pack 6 Pack Part Number & Reasoning 299,999 BTU - 630,000 BTU

HW 299	Mounting Rack P/N	Electric Panel P/N	Condensate Neutralizer P/N	Manifolds		
				Plumbing P/N	Gas P/N	Venting P/N
1 Heater	(1)STD 95154/ (2)STD 9517X	ELE 90001	CNK 90001 D (Horizontal)	KIT 0E11X FXXX	GAS 9E1BX	N/A
2 Heaters	(1)STD 95155/ (2)STD 9517X	ELE 90002	CNK 90002 D (Horizontal)	KIT 0E21X FXXX	GAS 9E2DX	VNT 9E2IX (5")
3 Heaters	(1)STD 95154/ (1)STD 95155/ (3)STD 9517X	ELE 90003	CNK 90003 D (Horizontal)	KIT 0E31X FXXX	GAS 9E3EX	VNT 9E3JX (6")
4 Heaters	(2)STD 95155/ (3)STD 9517X	ELE 90004	CNK 90004 D (Horizontal)	KIT 0E41X FXXX	GAS 9E4EX	VNT 9E4KX (7")

HW 399	Mounting Rack P/N	Electric Panel P/N	Condensate Neutralizer P/N	Manifolds		
				Plumbing P/N	Gas P/N	Venting P/N
1 Heater	(1)STD 95154/ (2)STD 9517X	ELE 90001	CNK 90001 D (Horizontal)	KIT 0F11X FXXX	GAS 9F1BX	N/A
2 Heaters	(1)STD 95155/ (2)STD 9517X	ELE 90002	CNK 90002 D (Horizontal)	KIT 0F21X FXXX	GAS 9F2EX	VNT 9F2JX (6")
3 Heaters	(1)STD 95154/ (1)STD 95155/ (3)STD 9517X	ELE 90003	CNK 90003 D (Horizontal)	KIT 0F31X FXXX	GAS 9F3EX	VNT 9F3KX (7")
4 Heaters	(2)STD 95155/ (3)STD 9517X	ELE 90004	CNK 90004 D (Horizontal)	KIT 0F41X FXXX	GAS 9F4FX	VNT 9F4KX (7")

HW 599	Mounting Rack P/N	Electric Panel P/N	Condensate Neutralizer P/N	Manifolds		
				Plumbing P/N	Gas P/N	Venting P/N
1 Heater	(1)STD 95154/ (2)STD 9517X	ELE 90001	CNK 90001 D (Horizontal)	KIT 0H11X FXXX	GAS 9H1CX	N/A
2 Heaters	(1)STD 95155/ (2)STD 9517X	ELE 90002	CNK 90002 D (Horizontal)	KIT 0H21X FXXX	GAS 9H2EX	VNT 9H2KX (7")
3 Heaters	(1)STD 95154/ (1)STD 95155/ (3)STD 9517X	ELE 90003	CNK 90003 D (Horizontal)	KIT 0H31X FXXX	GAS 9H3FX	VNT 9H3LX (8")
4 Heaters	(2)STD 95155/ (3)STD 9517X	ELE 90004	CNK 90004 D (Horizontal)	KIT 0H41X FXXX	GAS 9H4GX	VNT 9H4MX (10")
5 Heaters	(1)STD 95154/ (2)STD 95155/ (4)STD 9517X	ELE 90005	CNK 90005 D (Horizontal)	KIT 0H51X FXXX	GAS 9H5GX	VNT 9H5MX (10")
6 Heaters	(2)STD 95154/ (2)STD 95155/ (6)STD 9517X	ELE 90006	CNK 90006 D (Horizontal)	KIT 0H61X FXXX	GAS 9H6GX	VNT 9H6NX (12")

Heating Packaged Systems 798,998 BTU - 1,999,999 BTU

Mixed Packs	Mounting Rack P/N	Electric Panel P/N	Condensate Neutralizer P/N	Manifolds		
				Plumbing P/N	Gas P/N	Venting P/N
HW 798	(1)STD 95155/ (2)STD 9517X	ELE 90002	CNK 90002 D (Horizontal)	KIT 0F21X FXXX	GAS 9F2EX	VNT 9F2JX (6")
HW 998	(1)STD 95155/ (2)STD 9517X	ELE 90002	CNK 90002 D (Horizontal)	KIT 0FH21X FXXX	GAS 9FH2EX	VNT 9FH2KX (7")

HW 1499	Electric Panel P/N	Condensate Neutralizer P/N	Manifolds	
			Plumbing P/N	Gas P/N
1 Heater	ELE 90001	CNK 90001 T	KIT 4K192 GXXX	CF
2 Heaters	ELE 90002	(2) CNK 90001 T	KIT 4K292 GXXX	GAS 9K2FX
3 Heaters	ELE 90003	(3) CNK 90001 T	KIT 4K392 GXXX	GAS 9K3GX
4 Heaters	ELE 90004	(4) CNK 90001 T	KIT 4K492 GXXX	GAS 9K4HX

HW 1999	Electric Panel P/N	Condensate Neutralizer P/N	Manifolds	
			Plumbing P/N	Gas P/N
1 Heater	ELE 90001	CNK 90001 T	KIT 4L192 GXXX	CF
2 Heaters	ELE 90002	(2) CNK 90001 T	KIT 4L292 GXXX	GAS 9L2FX
3 Heaters	ELE 90003	(3) CNK 90001 T	KIT 4L392 GXXX	GAS 9L3GX
4 Heaters	ELE 90004	(4) CNK 90001 T	KIT 4L492 GXXX	GAS 9L4HX