



BOILER COMPATIBILITY

May 2013

Webstone

VALVE INNOVATION

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Manufacturer	Model	Number	Boiler Connection	Connection to Hydro-Core	HYDRO-CORE MANIFOLD OPTIONS <small>Identify the System Run Size & Desired Configuration to Select Your Specific Manifold. Recommended Size in Bold</small>						INSTALLATION KIT OPTIONS <small>Choose One of the Installation Options Below</small>					
					RECOMMENDED TYPE	1" Run	1 1/4" Run		1 1/2" Run		2" Run	HYDRO-CORE FLEX		COMPLETE NEAR BOILER PIPING KIT	NEAR BOILER COMPONENT KIT	UNION CONNECTION ONLY ¹
						SWT	FIP	SWT	FIP	SWT	SWT	1 1/4" Run IPS	1 1/4" Run SWT			
Baxi	Luna	HT 380 HT 1.33	3/4 SWT	1	Hydro-Core Flex	-	Included w/Kit		-	-	-	4FK3-WIS	5FK3-WIS	-	-	-
		HT 1.45 HT 1.65	1 MIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	WH-144	-
		HT 1.100	1 1/4 MIP	1 1/4	Flange Right	-	48755-0	58755-0	48765-0	58765-0	58775-0	-	-	-	WH-245	-
	Luna 3	Comfort 310 Comfort 1.31	3/4 SWT	1	Hydro-Core Flex	-	Included w/Kit		-	-	-	4FK3-WIS	5FK3-WIS	-	-	-
Blasi	Riva Compact	M130.30CR	3/4 SWT	1	Hydro-Core Flex	-	Included w/Kit		-	-	-	4FK3-WIS	5FK3-WIS	-	-	-
	Riva Combi	M35.30CB														
	Riva Plus Combi	M135.30CM														
	Riva Plus Compact	M135.30CR														
Bosch	GreenStar 57	ZBR16-3A	1 MIP	1	Hydro-Core Flex	-	Included w/Kit		-	-	-	4FK4-WIF	5FK4-WIF	-	-	-
	GreenStar 100	ZBR28-3A														
	GreenStar 131	ZBR35-3A														
	GreenStar 151	ZBR42-3A														
	GreenStar Combi 100	ZWB28-3A														
	GreenStar Combi 151	ZWB42-3A														
Burnham	Alpine	ALP-080	1 FIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	NBP4-080	FS-184	-
		ALP-105	1 FIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	NBP4-105	FS-184	-
		ALP-150	1 FIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	NBP4-150	FS-184	-
		ALP-210	1 FIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	NBP4-210	FS-184	-
		ALP-285	1 1/4 FIP	1 1/4	Flange Right	-	48755-0	58755-0	48765-0	58765-0	58775-0	-	-	-	FS-185	-
		ALP-399	1 1/2 FIP	1 1/2	Flange Right	-	-	-	48766-0	58766-0	58776-0	-	-	-	-	HCE6-56
		ALP-500	1 1/2 FIP	1 1/2	Flange Right	-	-	-	48766-0	58766-0	58776-0	-	-	-	-	HCE6-56
Crown Boiler	Bimini	BWC-070	1 FIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	FS-184	-
		BWC-090	1 FIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	FS-184	-
		BWC-120	1 1/4 FIP	1 1/4	Flange Right	-	48755-0	58755-0	48765-0	58765-0	58775-0	-	-	-	FS-185	-
		BWC-150	1 1/4 FIP	1 1/4	Flange Right	-	48755-0	58755-0	48765-0	58765-0	58775-0	-	-	-	FS-185	-
		BWC-151	1 FIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	FS-184	-
	BWC-225	1 1/4 FIP	1 1/4	Flange Right	-	48755-0	58755-0	48765-0	58765-0	58775-0	-	-	-	FS-185	-	
Maui	MWC116E*L	3/4 SWT	1	Hydro-Core Flex	-	Included w/Kit		-	-	-	4FK3-WIS	5FK3-WIS	-	-	-	
Maui Combi	MWC116E*T	3/4 SWT	1	Hydro-Core Flex	-	Included w/Kit		-	-	-	4FK3-WIS	5FK3-WIS	-	-	-	
Heat Transfer Products	Elite	EL-080	1 FIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	FS-184	-
		EL-110	1 FIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	FS-184	-
		EL-150	1 FIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	FS-184	-
		EL-220	1 FIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	FS-184	-
		EL-299	1 1/4 FIP	1 1/4	Flange Right	-	48755-0	58755-0	48765-0	58765-0	58775-0	-	-	-	FS-185	-
	Elite Plus	ELP-110 ELP-199	1 FIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	FS-184	-
	Elite FT	EFT-55	1 SWT	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	WH-154	-
		EFT-80	1 SWT	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	WH-154	-
		EFT-110	1 SWT	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	WH-154	-
		EFT-155	1 1/4 SWT	1 1/4	Flange Right	-	48755-0	58755-0	48765-0	58765-0	58775-0	-	-	-	WH-255	-
	MC Series	MC50	1 1/4 SWT	1 1/4	Flange Right	-	48755-0	58755-0	48765-0	58765-0	58775-0	-	-	-	WH-255	-
MC80		1 1/4 SWT	1 1/4	Flange Right	-	48755-0	58755-0	48765-0	58765-0	58775-0	-	-	-	WH-255	-	
MOD CON	300	1 1/2 MIP	1 1/2	Flange Right	-	-	-	48766-0	58766-0	58776-0	-	-	-	-	HCE6-56	

¹ Union connections are available with ports for a pressure gauge or other devices if desired. See brochure for details

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Manufacturer	Model	Number	Boiler Connection	Connection to Hydro-Core	HYDRO-CORE MANIFOLD OPTIONS <small>Identify the System Run Size & Desired Configuration to Select Your Specific Manifold - Recommended Size in Bold</small>						INSTALLATION KIT OPTIONS <small>Choose One of the Installation Options Below</small>						
					RECOMMENDED TYPE	1" Run	1 1/4" Run		1 1/2" Run		2" Run	HYDRO-CORE FLEX		COMPLETE NEAR BOILER PIPING KIT	NEAR BOILER COMPONENT KIT	UNION CONNECTION ONLY ¹	
						SWT	FIP	SWT	FIP	SWT	SWT	1 1/4" Run IPS	1 1/4" Run SWT				
IBC Technologies	SL	20-115 ²	1 MIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	FS-184	-	
		30-175 45-260 80-399	1 1/2 MIP	1 1/2	Flange Right	-	-	-	48766-0	58766-0	58776-0	-	-	-	-	HCE6-56	
	VFC	15-150 45-225 45-225-SL	1 1/4 MIP	1 1/4	Flange Left	-	48855-0	58855-0	48865-0	58865-0	-	-	-	-	FS-345	-	
Laars	Mascot II	LMH	3/4 SWT	1	Hydro-Core Flex	-	Included w/Kit		-	-	-	4FK3-WIS	5FK3-WIS	-	-	-	
	Mini-Therm JV	50 75 100 125 160 225	1 1/4 MIP	1 1/4	Flange Right	-	48755-0	58755-0	48765-0	58765-0	58775-0	-	-	-	FT-245	-	
		NeoTherm	NTH-080 NTH-105 NTH-150 NTH-210	1 MIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	FT-144	-
			NTH-285 NTH-399	1 1/4 MIP	1 1/4	Flange Right	-	48755-0	58755-0	48765-0	58765-0	58775-0	-	-	-	FT-245	-
	NTH-500 NTH-600	1 1/2 MIP	1 1/2	Flange Right	-	-	-	48766-0	58766-0	58776-0	-	-	-	-	-	HCE6-56	
Lochinvar	Cadet	CDN 040 CDN 070 CDN 100 CDN 120 CCN 120	-	-	Double Ball Drain	-	Included w/Kit		-	-	-	-	-	-	NBK4-CAD Boiler Connections not Included	-	
		KBN081	1 FIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	NBP4-080	FS-184	-	
	KBN106	1 FIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	NBP4-105	FS-184	-		
	KBN151	1 FIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	NBP4-150	FS-184	-		
	KBN211	1 FIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	NBP4-210	FS-184	-		
	KBN286	1 1/4 FIP	1 1/4	Flange Right	-	48755-0	58755-0	48765-0	58765-0	58775-0	-	-	-	FS-185	-		
	KBN400 KBN501	1 1/2 FIP	1 1/2	Flange Right	-	-	-	48766-0	58766-0	58776-0	-	-	-	-	-	HCE6-56	
	WHN055 WHN085 WHN110 WHN155	1 SWT	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	NBP4-WHN	WH-154	-		
	WHN199 WHN285	1 1/4 SWT	1 1/4	Flange Right	-	48755-0	58755-0	48765-0	58765-0	58775-0	-	-	-	WH-255	-		
	WHN399	1 1/2 SWT	1 1/2	Flange Right	-	-	-	48766-0	58766-0	58776-0	-	-	-	-	-	HCE6-56	
Navien	CH-ASME	CH-180 CH-210 CH-240	1 MIP	1	Hydro-Core Flex	-	Included w/Kit		-	-	-	4FK5-CH	5FK5-CH	Hydro-Core Flex Products PLUS 30 PSI Pressure Gauge & 3/4" IPS EXP E2 Kit w/ 150 PSI PRV		-	
Noritz	NH	NH-1501-DV NH-2001-DV NH150-DV NH199-DV	1 MIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	WH-144	-	

1 Union connections are available with ports for a pressure gauge or other devices if desired. See brochure for details
 2 Boiler offers multi-port piping design, side left option shown. Other Hydro-Core Manifolds may apply - see mfg. for details

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					RECOMMENDED TYPE	1" Run	1 1/4" Run		1 1/2" Run		2" Run	HYDRO-CORE FLEX		COMPLETE NEAR BOILER PIPING KIT	NEAR BOILER COMPONENT KIT	UNION CONNECTION ONLY ¹	
						SWT	FIP	SWT	FIP	SWT	SWT	1 1/4" Run IPS	1 1/4" Run SWT				
New York Thermal NTI	Matrix	M100V M100	3/4 MIP	3/4	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	WH-1R44	-	
	Trinity Lx	Lx-150 ³	1 FIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	FS-184	-	
		Lx-150E															
		Lx-200 Lx-300 Lx-400	1 1/4 FIP	1 1/4	Flange Right	-	48755-0	58755-0	48765-0	58765-0	58775-0	-	-	-	FS-185	-	
	Trinity Tft ⁴	Tft-60 Tft-85 Tft-110	1 MIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	WH-144	-	
		Tft-155 Tft-175 Tft-200 Tft-250	1 1/4 MIP	1 1/4	Flange Right	-	48755-0	58755-0	48765-0	58765-0	58775-0	-	-	-	WH-245	-	
		Tft-300 Tft-399	1 1/2 MIP	1 1/2	Flange Right	-	-	-	48766-0	58766-0	58776-0	-	-	-	-	HCE6-56	
		Trinity Ti	Ti-100 ³ Ti-150 ³ Ti-200	1 FIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	FS-184	-
	Trinity Ts	Ts-080															
	Trinity Tx	Tx51 Tx81 Tx101 Tx132/151	1 MIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	WH-144	-	
Tx132C/151C		1 MIP	1	Hydro-Core Flex	-	Included w/Kit		-	-	-	4FK4-WIF	5FK4-WIF	-	-	-		
Peerless	Cast92	92-2 92-4	1 1/4 FIP	1 1/4	Flange Right	-	48755-0	58755-0	48765-0	58765-0	58775-0	-	-	-	FS-185	-	
	Combi	Combi 160	3/4 SWT	1	Hydro-Core Flex	-	Included w/Kit		-	-	-	4FK3-WIS	5FK3-WIS	-	-	-	
	Purfire	PF-050 PF-080 PF-110 PF-140	1 MIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	FT-144	-	
		PF-210	1 MIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	FS-144	-	
		PF-399	1 1/2 MIP	1 1/2	Flange Right	-	-	-	48766-0	58766-0	58776-0	-	-	-	-	HCE6-56	
Pensotti	Solenne	PCC 34 PCH 18 PCH 34B PCH 50B PCI 18/8 PCI 34/20	3/4 SWT	1	Hydro-Core Flex	-	Included w/Kit		-	-	-	4FK3-WIS	5FK3-WIS	-	-	-	
Raypak	Xpak	Xpak-120 Xpak-85	3/4 FIP	1	Hydro-Core Flex	-	Included w/Kit		-	-	-	4FK3-WIF	5FK3-WIF	-	-	-	
Sime	Format Zip	35-BF	3/4 SWT	1	Hydro-Core Flex	-	Included w/Kit		-	-	-	4FK3-WIS	5FK3-WIS	-	-	-	
	Planet Dewy	30/50 BF	3/4 SWT	1	Hydro-Core Flex	-	Included w/Kit		-	-	-	4FK3-WIS	5FK3-WIS	-	-	-	
		60 BFR	1 MIP	1	Hydro-Core Flex	-	Included w/Kit		-	-	-	4FK4-WIF	5FK4-WIF	-	-	-	
Slant Fin	CHS	CHS-80	1 MIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	WH-144	-	
		CHS 85	1 SWT	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	WH-144	-	
		CHS-110	1 MIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	WH-144	-	
		CHS-155 CHS-175 CHS-200 CHS-250	1 1/4 MIP	1 1/4	Flange Right	-	48755-0	58755-0	48765-0	58765-0	58775-0	-	-	-	WH-245	-	
		CHS-300 CHS-399	1 1/2 MIP	1 1/2	Flange Right	-	-	-	48766-0	58766-0	58776-0	-	-	-	-	HCE6-56	

¹ Union connections are available with ports for a pressure gauge or other devices if desired. See brochure for details

³ Boiler sizes may differ in Canada

⁴ Per mfg. installation instructions: supply & return piping connections may be installed on either the bottom or top of the boiler. The recommended Hydro-Core Component Kit will accommodate these installation options

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Manufacturer	Model	Number	Boiler Connection	Connection to Hydro-Core	HYDRO-CORE MANIFOLD OPTIONS <small>Identify the System Run Size & Desired Configuration to Select Your Specific Manifold - Recommended Size in Bold</small>						INSTALLATION KIT OPTIONS <small>Choose One of the Installation Options Below</small>							
					RECOMMENDED TYPE	1" Run		1 1/4" Run		1 1/2" Run		2" Run		HYDRO-CORE FLEX		COMPLETE NEAR BOILER PIPING KIT	NEAR BOILER COMPONENT KIT	UNION CONNECTION ONLY ¹
						SWT	FIP	SWT	FIP	SWT	FIP	SWT	1 1/4" Run IPS	1 1/4" Run SWT				
Slant Fin	Jaguar	J-390C	1 1/4 MIP	1 1/4	Flange Right	-	48755-0	58755-0	48765-0	58765-0	58775-0	-	-	-	FS-245	-		
	Lynx	LX-90	1 MIP	1	Flange Left	-	48854-0	58854-0	48864-0	58864-0	-	-	-	-	FT-144	-		
		LX-120																
		LX-150CB LX-150CB																
VSL	VSL-160B	3/4 SWT	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	WH-1R44	-			
	VSL-160C	3/4 SWT	1	Hydro-Core Flex	-	Included w/Kit		-	-	-	4FK3-WIS	5FK3-WIS	-	-	-			
Triangle Tube	Challenger Solo	CC85s CC105s CC125s CC150s	1 MIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	WH-144	-		
		Keystone	KS399	1 1/4 MIP	1 1/4	Flange Right	-	48755-0	58755-0	48765-0	58765-0	58775-0	-	-	-	FT-245	-	
	KS500 KS600		1 1/2 MIP	1 1/2	Flange Right	-	-	-	48766-0	58766-0	58776-0	-	-	-	-	HCE6-56		
	Prestige Excellence	PTE 110 PTE 110 LP	1 MIP	1	Hydro-Core Flex	-	Included w/Kit		-	-	-	4FK4-TTS	5FK4-TTS	-	-	-		
		Prestige Solo	60	1 MIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	WH-144	-	
	110		1 MIP	1	Hydro-Core Flex	-	Included w/Kit		-	-	-	4FK4-TTS	5FK4-TTS	-	-	-		
175 250	1 1/4 MIP		1 1/4	Flange Left	-	48855-0	58855-0	48865-0	58865-0	-	-	-	-	WH-245	-			
Viessmann	Vitodens 100-W	WB1B 26 WB1B 35	3/4 FIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	WH-1R44	-		
		WB2B 19 WB2B 26 WB2B 35	3/4 FIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	WH-1R44	-		
	Vitodens 200-W	WB2B 45 WB2B 60 WB2B 80 WB2B 105	1 1/4 FIP	1 1/4	Flange Right	-	48755-0	58755-0	48765-0	58765-0	58775-0	-	-	-	WH-245	-		
		Ultra	UG-080 UG-105	1 MIP	1	Flange Right	58744-0	48754-0	58754-0	48764-0	58764-0	58774-0	-	-	-	FT-144	-	
UG-155 UG-230	1 MIP		1 1/4 ⁵	Flange Right	-	48755-0	58755-0	48765-0	58765-0	58775-0	-	-	-	FT-2R45	-			
UG-299	1 1/4 MIP		1 1/2 ⁵	Flange Right	-	-	-	48766-0	58766-0	58776-0	-	-	-	-	HCE6-56			
UG-399	1 1/2 MIP		1 1/2	Flange Right	-	-	-	48766-0	58766-0	58776-0	-	-	-	-	HCE6-56			
GV90+	GV90+3 GV90+4		1 MIP	1	Double Ball Drain	-	48354-0	58354-0	-	-	-	-	-	-	-	(IPS) HCE4-44 (SWT) HCE4-54 ⁶		
Williamson-Thermoflo	GWA	GWA-052 GWA-070 GWA-105 GWA-140 GWA-175 GWA-210 GWA-245	1 1/4 FIP	1 1/4	Flange Right	-	48755-0	58755-0	48765-0	58765-0	58775-0	-	-	-	FS-185	-		
		GWC	GWC-070 GWC-105	1 FIP	1	Double Ball Drain	-	48354-0	58354-0	-	-	-	-	-	-	-	(IPS) HCE4-44 (SWT) HCE4-54 ⁶	

¹ Union connections are available with ports for a pressure gauge or other devices if desired. See brochure for details

⁵ Manufacturer recommends Minimum Boiler Loop Piping size as indicated.

⁶ Double Ball Drain Manifolds require two Union Connections

ALL OTHER BOILERS: SELECT APPROPRIATE HYDRO-CORE MANIFOLD & UNION CONNECTION

Recommendations are based on integrating Hydro-Core products into a near boiler piping system and are not intended to supersede any instructions or guidelines provided by a boiler's manufacturer. The user is solely responsible for ensuring that all products are used and all systems are designed in accordance with all applicable federal, state and local codes. ©2013 Webstone Company Inc. **BCM-0513**