HYDRO-CORE™

BOILER COMPATIBILITY
May 2013

Webstone
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					HYDRO-CORE MANIFOLD OPTIONS *Identify the System Run Size & Desired Configuration to Select Your Specific Manifold* · ***Recommended Size in Bold***							INSTALLATION KIT OPTIONS *Choose One of the Installation Options Below*				
Manufacturer	**Model**	Number	Boiler Connection	Connection to Hydro-Core	**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	-	-	-
Biasi	**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 ALP-500	1 1/2 FIP	1 1/2	Flange Right	-	-	-	**48766-0**	**58766-0**	**58776-0**	-	-	-	-	HCE6-56
Crown Boiler	**Bimini**	BWC-070 BWC-090 BWC-120	1 FIP	1	Flange Right	58744-0	**48754-0**	**58754-0**	48764-0	58764-0	58774-0	-	-	-	FS-184	-
		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														
Heat Transfer Products	**Elite**	EL-080 EL-110 EL-150 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	-
		EL-399	1 1/2 FIP	1 1/2	Flange Right	-	-	-	**48766-0**	**58766-0**	**58776-0**	-	-	-	-	HCE6-56
	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 EFT-80 EFT-110	1 SWT	1	Flange Right	58744-0	**48754-0**	**58754-0**	48764-0	58764-0	58774-0	-	-	-	WH-154	-
		EFT-155 EFT-199 EFT-285	1 1/4 SWT	1 1/4	Flange Right	-	48755-0	58755-0	**48765-0**	**58765-0**	58775-0	-	-	-	WH-255	-
		EFT-399	1 1/2 SWT	1 1/2	Flange Right	-	-	-	**48766-0**	**58766-0**	**58776-0**	-	-	-	-	HCE6-56
	MC Series	MC50 MC80 MC99 MC120	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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May 2013

Manufacturer	Model	Number	Boiler Connection	Connection to Hydro-Core	HYDRO-CORE MANIFOLD OPTIONS — Identify the System Run Size & Desired Configuration to Select Your Specific Manifold · **Recommended Size in Bold**							INSTALLATION KIT OPTIONS — Choose One of the Installation Options Below				
					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*	-
	Knight	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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May 2013

Manufacturer	Model	Number	Boiler Connection	Connection to Hydro-Core	HYDRO-CORE MANIFOLD OPTIONS — Identify the System Run Size & Desired Configuration to Select Your Specific Manifold · **Recommended Size in Bold**							INSTALLATION KIT OPTIONS — Choose One of the Installation Options Below				
					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] Lx-150E Lx-200	1 FIP	1	Flange Right	58744-0	**48754-0**	**58754-0**	48764-0	58764-0	58774-0	-	-	-	FS-184	-
		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 — Identify the System Run Size & Desired Configuration to Select Your Specific Manifold · **Recommended Size in Bold**							INSTALLATION KIT OPTIONS — Choose One of the Installation Options Below				
					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			
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 LX-120 LX-120CB LX-150 LX-150CB	1 MIP	1	Flange Left	-	**48854-0**	**58854-0**	48864-0	58864-0	-	-	-	-	FT-144	- - - - -
	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	-
	Vitodens 200-W	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	-
		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	-
Weil-McLain	**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 MANFOLD & 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**