

tekmar [®] form	Service Bulletin	SB 032 Feb 10, 2011	v0011
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Modulating Boiler Interface: Revision 8

The tekmar 263, 265, 270*, 275*, 400, 401, 402, 403, 420*, 422*, and 423* allow for the operation of modulating boilers which can fall into one of two categories:

1. Modulating boilers with external mounted power burners and mod motors. These boilers are custom ordered and therefore a compatible power burner can be chosen. Examples of power burners include:

Beckett
Carlin
Gordon Piatt
Power Flame
Riello
Webster
Weishaupt

2. Modulating boilers with built-in controls. The table shown on the next page lists whether a particular make and model of boiler is compatible.

* Note: The 270, 275, 420, 422, and 423 are compatible with 0 – 10 V (dc) boilers only.

** The list is complete as of February 2011.

Boiler Manufacturer	Model	Compatible	0-10 V(dc)	4-20 mA	0-135 Ohm	On/Off Enable	OEM Adapter	Service Bulletin
Aerco	KC	Y	N	Y	N	N	N	
Aerco	Benchmark	Y	N	Y	N	N	N	
Aerco	Esteem	Y	Y	N	N	N	N	
Aerco	Modulex	N	N	N	N	N	N	
Ajax	Atlas	Y	N	Y	N	Y	N	
Allied Engineering	Super Hot AAE	Y	N	Y	N	Y	N	
Allied Engineering	Super Hot Saturn	Y	N	Y	N	Y	N	
AO Smith	VF Series II	Y	Y	N	N	N	BMI (Building Management Interface)	
Baxi	Luna	N	N	N	N	N	N	
Biasi	ActivA	N	N	N	N	N	N	
Biasi	Riva	N	N	N	N	N	N	
Buderus	GB142	Y	Y	N	N	N	EM10 Module	SB 064-067
Buderus	GB162	Y	Y	N	N	N	EM10 Module	SB 064-067
Buderus	GB312	Y	Y	N	N	N	EM10 Module	SB 064-067
Burnham	Alpine	Y	N	Y	N	Y	N	SB 064-067
Burnham	CHG	Y	Y	N	N	N	AM4 Module	
Burnham	Freedom CM	Y	Y	N	N	N	AM4 Module	
Camus	Dynaflame	Y	Y	N	N	N	N	
Cleaver-Brooks	Clearfire	Y	Y	N	N	N	AM4 Module	SB 031
Crown Boilers	Bimini BWC	Y	Y	N	N	N	AM4 Module	
Dunkirk	Q90-100	N	N	N	N	N	N	
Dunkirk	Q90-200	N	N	N	N	N	N	
Dunkirk	Q95M-200	Y	Y	N	N	N	HAM (AM4 Module)	SB 064-067
Electro	Industrial EB-NB	Y	Y	N	N	N	N	
Embassy	Ambassador	N	N	N	N	N	N	
Embassy	Onex	N	N	N	N	N	N	
Energy Kinetics	EKPak	N	N	N	N	N	N	
Fulton	Pulse	Y	N	Y	N	N	N	
Gasmaster	GMI series	Y	Y	N	N	Y	N	
Hamilton Engineering	EVO Duo	Y	Y	N	N	Y	N	
HB Smith	GC series	N	N	N	N	N	N	
HB Smith	GT series	N	N	N	N	N	N	
Heat Transfer Products	Munchkin	Y	Y	N	N	N	Interface Board	SB 064-067



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Heat Transfer Products	Contender	Y	Y	N	N	N	Interface Board	SB 064-067
Heat Transfer Products	Elite	Y	Y	N	N	N	N	SB 064-067
Hydrotherm	KN series	Y	Y	Y	N	Y	N	
Hydrotherm	GX series	N	N	N	N	N	N	
IBC	SL series	Y	Y	Y	N	N	N	
IBC	VFC Series	Y	Y	Y	N	N	N	
Laars	9600 CB	N	N	N	N	N	N	
Laars	Endurance	N	N	N	N	N	N	
Laars	Mascot II	Y	N	Y	N	Y	N	
Laars	Mascot	N	N	N	N	N	N	
Laars	Rheos	Y	Y	N	N	Y	N	
Laars	Summit	N	N	N	N	N	N	
Laars	NeoTherm	Y	N	Y	N	Y	N	SB 064-067
Lochinvar	Knight	Y	Y	N	N	Y	N	SB 064-067
Lochinvar	Intellifin	N	N	N	N	N	N	
Lochinvar	PowerFin	Y	Y	N	N	N	N	
Lochinvar	Sync	Y	Y	N	N	Y	N	SB 064-067
NTI	Trinity TS-80	Y	N	Y	N	N	N	
NTI	Trinity Ti	N	N	N	N	N	N	
NTI	Trinity LX	Y	N	Y	N	N	N	
Patterson Kelley	Mach	Y	Y	N	N	N	N	
Patterson Kelley	Modu-Fire	Y	Y	N	N	N	N	
Peerless	Pinnacle	Y	Y	N	N	N	Interface Adapter	SB 037
Peerless	PureFire	Y	Y	N	N	N	Interface Adapter	SB 064-067
Quietside	ODW	N	N	N	N	N	N	
Quietside	QVW8 / QVM9	N	N	N	N	N	N	
Rannai	Series Q	N	N	N	N	N	N	
RBI	Infinite Energy	N	N	N	N	N	N	
RBI	Futura III	Y	N	Y	N	Y	N	
RBI	8800	Y	N	N	Y	Y	tekmar 005	
RBI	8900	Y	N	N	Y	Y	tekmar 005	
Slant/Fin	Bobcat	N	N	N	N	N	N	
Slant/Fin	Lynx	N	N	N	N	N	N	



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Slant/Fin	Jaguar	N	N	N	N	N	N	
Slant/Fin	Jaguar J-390C	Y	Y	N	N	N	Interface Kit	
Thermal Solutions	Evolution	Y	Y	N	N	Y	N	
Thermolec	Electric Boiler	N	N	N	N	N	N	
Triangle Tube	Exellence	Y	Y	N	N	N	N	
Triangle Tube	Prestige Solo	Y	Y	N	N	N	N	SB 064-067
Utica	UB95M-200	Y	Y	N	N	N	HAM (AM4 Module)	
Viessmann	Vitodens 200	Y	Y	N	N	N	N	SB 064, 067
Viessmann	Vitodens 100	N	N	N	N	N	N	
Weil-McLain	Ultra Series 3	Y	Y	N	N	N	N	SB 064-067
Weil-McLain	Ultra Series 1, 2	Y	Y	N	N	N	N	SB 031

Sincerely,
Brent Chisholm

tekmar Control Systems Ltd.

PLEASE 'NOTE': Due to published changes made without notice by Boiler Manufacturers to their specifications and capabilities, tekmar Control Systems does not assume any responsibility for boiler manufacturers' amendments, modifications, deletions or changes nor does tekmar Control Systems accept any responsibility for the damage or personal injury due to unsafe and improper boiler operation that is guided by this 'Note' and by the manufacturer's installation and operating instructions.