

# Boilers

The following list shows which boilers work with the Plugwise Adam.

Adam communicates with the heating system via the OpenTherm protocol. This means that both the thermostat and the boiler must support OpenTherm.

Is your boiler not on the list, or does the status differ from what we describe below. Please let us know. We will process this information so the list stays up to date.

## Legend

Symbol	
✓	OpenTherm protocol
✓	Probably suitable <i>the operation is currently being investigated</i>
✗	Is not supported <i>uses another protocol (e.g. on/off, Ebus)</i>
✗	Probably not suitable <i>the operation is currently being investigated</i>
	Unknown <i>the operation is currently being investigated</i>

- <sup>1</sup> Terminal block / plug on the bottom of the boiler.
- <sup>2</sup> Devices from before May 2003 may have other connections. Contact the manufacturer.
- <sup>3</sup> OTM 4 can be ordered from the manufacturer.
- <sup>4</sup> Connect the thermostat to the green terminal block.
- <sup>5</sup> The OpenTherm module is available separately. This is not included by default.
- <sup>6</sup> Place the supplied resistor 1,5kΩ, 1W between clamps 2 and 4.
- <sup>7</sup> Turn the D20 function to OpenTherm (when used as OpenTherm thermostat).
- <sup>8</sup> The terminals -10 and +10 are located on the expansion A8 in the boiler.
- <sup>9</sup> The OpenTherm extension is a separate module.

Boiler brand	Boiler type	OpenTherm	Applicable to clamps
Atag	A-serie (until early April 2009)	✗	
Atag	A-serie Z-ready (from early April 2009)	✓	1 and 2
Atag	E-serie (until early April 2009)	✗	
Atag	E-serie Z-ready (from early April 2009)	✗	
Atag	E-serie Z-ready (from February 2013)	✓	1 and 2
Atag	Q-serie: Q/Q-CC/Q-Solar	✗	
Atag	Enigma E-SHR	✗	
Atag	Enigma Comfort E-SHR	✗	
Atag	Enigma Standaard E-SHR	✗	
Atag	Perfect II PF-SHR	✗	
Atag	Perfect Intelligence PF-SHR	✗	
Atag	Blauwe Engel II S-HR	✗	
Atag	HR39T/27T	✗	
Atag	VR18T/30T/48T	✗	
Atag	BE-serie: CZA/CMA/350, 351, 352, 650, 651, 652,952	✗	
Atag	50-serie	✗	
Atag	HR Zonnegas Combi HR -ZGC	✗	
Atag	SHR Zonnegas Combi II SHR -ZGC	✗	
Atag	XL-serie	✓	7 and 8
AWB	ThermoElegance Advance 3,4,4S,5,6	✓	As an option with OpenTherm module item no. 0020092426
AWB	ThermoGrand	✓	As an option with OpenTherm module item no. 0020066153
AWB	ThermoSystem HRM/3	✓	As an option with OpenTherm module item no. 0020066153
AWB	ThermoMaster 2HR 32.50 (until April 2001)	✓	Red/white and blue/white wire
AWB	Overige ThermoMaster 2HR serie (until April 2001)	✓	Indicated on terminal block <sup>1</sup>

AWB	ThermoMaster 2HR (from April 2001)	✓	Indicated on terminal block
AWB	ThermoMaster VR 24.23	✗	
AWB	ThermoMaster VR 23.xx serie	✗	
AWB	ThermoMaster 3HR	✓	Indicated on terminal block <sup>1</sup>
AWB	ThermoMaster VR 24 (T)	✓	Indicated on terminal block <sup>1</sup>
AWB	ThermoBasic 23 T	✗	
AWB	ThermoElegance 6 & 35T	✓	Orange/yellow indicated on terminal block
AWB	ThermoMaster HRG	✓	Orange/yellow indicated on terminal block
AWB	ThermoElegance 3 & 4	✓	As an option with OpenTherm module item no. 0020036768
Bosch	VRC I	✗	
Bosch	VRC II	✗	
Bosch	26/30/35/42 HRC	✓	OTM 1 <sup>2,3</sup>
Bosch	22/28/35/42 HRS TOP	✓	OTM 1 <sup>2,3</sup>
Bosch	Turbotower 1/Turbotower Solar 1	✗	
Bosch	Compact CW 3, CW 4	✓	EMS-OT converter <sup>4</sup>
Bosch	24/30/35/42 HRC II	✓	OTM 4 <sup>3,5</sup>
Bosch	28/30/42 HRS II	✓	OTM 4 <sup>3,5</sup>
Bosch	30 HRC II Turbo Comfortsysteem 65Liter	✓	
Bosch	35 HRC II Turbo Comfortsysteem 65Liter	✓	
Bosch	30 HRC II Turbo Tower 150 Liter	✗	
Bosch	30 HRC Condens 6000W	✓	
Bosch	30 HRC Condens 6000W 75 Liter HRVS	✓	
Bosch	Condens 3000W (all versions)	✓	
Bosch	EHLE 17, 23, 27, 34, 39 and 78	✗	
Junkers	ZWR/ZWE all types	✓	1 and 2 <sup>6</sup>

Radson	Noxtronic	✘	
Radson	HR25/35/NOX	✘	
Radson	HR2560/3560	✘	
Radson	ER electronic / EHRE / EHLE	✘	
Radson	ERE 160,200,240,300	✘	
Radson	Multicom 26 HRC	✘	
Radson	Maxicom	✘	
Radson	Matador	✘	
Radson	Aquatronic	✘	
Radson	TP 14/22	✘	
Brink	Allure serie	✔	
Brink	Allure from 2010 (V5.0)	✘	
Brink	Flair IGX	✘	
Brink	Furore	✘	
Brink	H serie	✘	
Brink	K1 and K2	✘	
Brink	N serie	✘	
Brink	SWB serie	✘	
Brink	SWB HR serie	✔	
Ferroli / Agpo	Blue City 300	✔	3 and 4
Ferroli / Agpo	BlueSense 3,4 and 5	✔	7 and 8 terminal block
Ferroli / Agpo	Megadens 3, 4, 4SHR, 5, 5SHR	✔	7 and 8 terminal block
Ferroli / Agpo	Megalux 5, 6 and A	✔	7 and 8 terminal block
Ferroli / Agpo	Megastar 3F and 3C	✔	Terminal block
Ferroli / Agpo	URS / CCS	✔	5 and 6

Ferrolì / Agpo	Ultima 3S, 4S, 3, 4, 5, A	✓	7 and 8 con
Ferrolì / Agpo	Ecompact 3(HP), 4(HP), 5	✓	9 and 10 con
Ferrolì / Agpo	Ecompact 225C, 235C	✓	9 and 10 con
Ferrolì / Agpo	Ecompact 125C, 127A/C, 135A/C	✓	9 and 10 con
Ferrolì / Agpo	Ecompact 50A/B, 27A/C, 35A/C	✓	3 and 4 con
Ferrolì / Agpo	Domina F124E and C124E	✓	7 and 8 con
Ferrolì / Agpo	Domina C24E and F24E	✗	
Ferrolì / Agpo	Econforte HMC- and HMA serie	✗	
Ferrolì / Agpo	SG-, HG-, HGW serie	✗	
Ferrolì / Agpo	SG-, HG-, A serie 1988/1990	✗	
Ferrolì / Agpo	NAV24 EL	✗	
Ferrolì / Agpo	overige NA, NAV, NE, NEV-serie	✗	
Ferrolì / Agpo	Combifor MFT	✗	
Ferrolì / Agpo	SVR DT 22 (until September 1998)	✗	
Ferrolì / Agpo	SVR DT 22 (from September 1998)	✗	
Intergas	Kombi Kompakt HRE 24/18, 28/24, 36/30 (RF2)	✓	11 and 12
Intergas	Kombi Kompakt HR 22, 28, 28/24, 36/30	✓	11 and 12
Intergas	Kompakt Solo HRE 12, 18, 24 and 30	✓	11 and 12
Intergas	Kompakt Solo HR 12, 22 and 28	✓	11 and 12
Intergas	Kompakt Tap HR	✓	11 and 12
Intergas	Prestige CW 5/6	✓	11 and 12
Intergas	HR/HRW 220/250/280	✗	
Intergas	HR/HRW Comfort Line 250/280	✗	
Intergas	H22 Low NOx-ps VRS, (W)/VRM (W)/VRT (W)	✗	
Intergas	G22E Low NOx-ps E /VR /VRT VR-Tronic	✗	

Intergas	G32/42 VR (W)/VR-Tronic	✗	
Itho Daalderop	Aqua-Max	✓	1 and 2
Itho Daalderop	Kli-Max	✓	7 and 8
Itho Daalderop	Kli-Max 2	✓	1 and 2
Itho Daalderop	HR Gas kombi serie	✓	K3 (2x)
Itho Daalderop	Multisolar serie	✓	K3 (2x)
Itho Daalderop	CombiFort	✓	K3 (2x)
Itho Daalderop	CombiFort 2nd room thermostat	✗	
Itho Daalderop	CombiPact	✓	K3 (2x)
Itho Daalderop	CombiPact 2nd room thermostat	✗	
Itho Daalderop	Comfort Classic	✓	K3 (2x)
Itho Daalderop	Comfort Classic 2nd room thermostat	✗	
Itho Daalderop	CombinAir- zone 1 (LT)	✗	
Itho Daalderop	CombinAir- zone 2 (HT)	✗	
Itho Daalderop	HP Cube - zone 1 (LT)	✓	Via Base Cube
Itho Daalderop	HP Cube - zie Base Cube 2nd thermostat	✗	
Itho Daalderop	HP Cool Cube - zone 1 LT	✓	Via Base Cube
Itho Daalderop	HP Cool Cube - zie Base Cube 2nd thermostat	✗	
Itho Daalderop	Basic Cube (until September 2011)	✓	Contact 3 and 4
Itho Daalderop	Basic Cube (Duo)	✓	Contact 2a and 2b
Itho Daalderop	Basic Cube (Duo) 2nd room thermostat	✗	
Nefit	TrendLine (all versions)	✓	Via EMS-OT convertor (orange connection)
Nefit	TopLine I/II HR 25/30/45	✓	Via EMS-OT convertor (orange connection)
Nefit	TopLine I/II HR 70/100	✓	Via EMS-OT convertor (orange connection)

Nefit	TopLine Single I/II	✓	Via EMS-OT convertor (orange connection)
Nefit	TopLine Compact I/II HRC 25/CW4 30/CW5	✓	Via EMS-OT convertor (orange connection)
Nefit	TopLine AquaPower I/II (Plus) HRC	✓	Via EMS-OT convertor (orange connection)
Nefit	ProLine HRC24/CW3 and HRC24/CW4	✓	Via EMS-OT convertor (orange connection)
Nefit	ProLine NxT HRC 24/CW3, 24/CW4	✓	Thermostat on orange terminal block
Nefit	Ecomline Excellent HR(C)	✗	
Nefit	Ecomline Classic HR(C)	✗	
Nefit	SmartLine Basic HR(C) 24/CW3/CW4	✓	Via EMS-OT convertor (orange connection)
Nefit	Turbo HR(C)	✗	
Nefit	Ecomline VRC 24V(S)	✗	
Nefit	HRC23VT	✗	
Nefit	Ecomline Economy HR(C) 23V/28V	✗	
Nefit	Economy HR(C)	✗	
Nefit	VR FC 2520/3030 V/S (C)	✗	
Nefit	VR FC 2510 V/S (C)	✗	
Nefit	Ecomline Elite HRC 24/CW4, 30/CW5	✗	
Nefit	SmartLine HR11/24, HRC 24/CW4/CW3	✓	Via EMS-OT convertor (orange connection)
Nefit	Economy VR(C)	✗	
Remeha	Tzerra/Tzerra Plus	✓	On/off - OT
Remeha	Avanta	✓	3 and 4
Remeha	Aquanta	✓	7 and 8
Remeha	Calenta	✓	On/off - OT
Remeha	Quinta 25/28/30/35 Combi	✓	1 and 2
Remeha	Quinta 25/30/45/65/85 Solo	✓	1 and 2

Remeha	Quinta Pro	✓	On/off - OT
Remeha	W21 Combi/Solo	✗	
Remeha	ECO	✓	1 and 2
Remeha	W28 Combi/Solo	✗	
Remeha	ECO	✓	1 and 2
Remeha	W40 and W60 Eco	✗	
Remeha	W40-m and W60-m	✗	
Remeha	Eco	✓	13 and 14
Remeha	Selecta (PLUS)	✓	5 and 6
Remeha	W23 Combi	✗	
Remeha	W23 Solo	✗	
Remeha	Micron 1 and 2	✗	
Remeha	Micron Combi	✗	
Remeha	Optimum Solo	✗	
Remeha	Optimum Combi	✗	
Remeha	Gas 1DXR	✗	
Remeha	Gas 1DXR-E	✗	
Vaillant	ecoTEC plus VHR 20-24/25-30/30-34	✓	OT and mass on included OpenTherm module VR33
Vaillant	ecoTEC classic VHR CW 3/5, 3/5 EXP, 4/5, 4/5 EXP, 5/5	✓	Only with optional OpenTherm module VR33 art. nr 0020017859
Vaillant	ecoTEC pro VHR CW 3/5, 3/5 EXP, 4/5, 4/5 EXP	✓	Only with optional OpenTherm module VR33 art. nr 0020017859
Vaillant	hrPRO serie VHR CW 3/3, 4/3, 4/3 EXP	✓	Only with optional OpenTherm module VR33 art. nr 0020017859
Vaillant	hrSOLIDE (2000 - 2006) VHR 10S, 18S, 24S, 18-22C and 24-28 C	✓	A and B <sup>7</sup>
Vaillant	hrSOLIDE (from 2006) VHR 18-22/3, CVHR 24-28/3, 30-34/3, 34/3 IC	✓	Only with optional OpenTherm module VR33 art. nr 0020017859
Vaillant	hrSOLIDEplus VHR 18-22/3-5, 24-28/3-5, 30-34/3-5, 34/3-5	✓	OT and mass on included OpenTherm module VR33
Vaillant	hrEXCLUSIEF VHR 35 S, 35 C, 45 S, 65 S	✗	



Vaillant	hrEXCLUSIEF (from 2006) VHR 20/4 S, 25/4 S, 35/4 S, 30/4 C, 35/4 C, 45/4 S, 65/4 S	✓	Only with optional OpenTherm module VR33 art. nr 0020017859
Vaillant	thermoCOMPACT (from 2008) VC 454/4, 255/4, VCW 254/4, 255/4	✗	
Vaillant	thermoCOMPACT VC 254/3, 255/3, VCW 254/3, 255/3, CWK 245/3	✗	
Vaillant	thermoCOMPACT HR VU 18/6E, 23/6E, VUW 18-22/6E, 23-28/6E	✗	
Vaillant	thermo COMPACT 2000/2 VC 254 XE, 255 E, VCW 254 XE, 255 E	✗	
Vaillant	thermo COMPACT 2000 VC 254 XE, 255 E, VCW 254 XE, 255 E	✗	
Vaillant	thermo COMPACT VC/VCW 180 (X) E up to and including 282 E, 24-12, 24-12 SO 28, 24-12 E	✗	
Viessman	Vitopent 1000 WH1	✗	
Viessman	Vitodens 1000 WB1	✗	
Viessman	Vitodens 100-W WB1A	✓	X3.3 and X3.4
Viessman	Vitodens 100-W WB1B	✓	X21.1 and X21.2
Viessman	Vitodens 100-W WB1C	✓	X21.1 and X21.2
Viessman	Vitodens 200-W WB2B 26+ 35 kW	✓	A8 OT+ and OT- <sup>8</sup>
Viessman	Vitodens 200-W WB2B ≥45 kW	✗	
Viessman	Vitodens 200-W WB2C	✓	In combination with OpenTherm extension <sup>9</sup>
Viessman	Vitodens 200-W B2HA	✓	In combination with OpenTherm extension <sup>9</sup>
Viessman	Vitodens 200-W B2JA	✓	In combination with OpenTherm extension <sup>9</sup>
Viessman	Vitodens 200-W B2LA	✓	In combination with OpenTherm extension <sup>9</sup>
Viessman	Vitodens 300-W WB3A	✗	
Viessman	Vitodens 111-W B1LA	✓	X21.1 and X21.2
Viessman	Vitodens 222-W WS2A	✓	A8 OT+ and OT-
Viessman	Vitodens 222-W WS2B	✓	In combination with OpenTherm extension <sup>9</sup>
Viessman	Vitodens 333 WS3A	✗	

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