

AQ250 and AQ25A Control Panel Feature Comparison



	Thermostat Features		Boiler & System Control Capability				Protection				DHW Operation		Zoning Capabilities				Transformer Features				General			
Manufacturer	Use with 2-wire Communicating Thermostat	Outdoor Temperature is Displayed on all Thermostats	Micro-processor Control	Boiler Post Purge	Zone Synchron-ization	Central Set-back Schedules	Freeze Protection	Boiler Short Cycling Protection	Pump or Valve Exercise	DHW Priority (Override) Protection	DHW Priority Capability	DHW Priority is Switchable (on/off)	No. of Circulators	No. of Valves	Expandable to # Zones	Pump & Valve Panels Combinable Use	Number of Transformers	Transformer Rating (VA)	Clip-on Replaceable Transformer	24V Transformer Terminals Provided	Status &/or Diagnostic LED (Int/Ext)	Auto Test	Fuse Protection	Warranty (Years)
Honeywell																								
AQ2504B2	■		■	■	■		■ ¹	■	■	■	■	■	4		64	■	1	38	■	■	Ext	■	■ ²	2
AQ2504B4	■		■	■	■		■ ¹	■	■	■	■	■		4	64	■	1	38	■	■	Ext	■	■ ²	2
AQ25A4B2	■	■	■	■	■	■	■ ¹	■	■	■	■	■	4		64	■	1	38	■	■	Ext	■	■ ²	2
AQ25A4B4	■	■	■	■	■	■	■ ¹	■	■	■	■	■		4	64	■	1	38	■	■	Ext	■	■ ²	2
Taco																								
SR502 ³											■	■	2		20		1	15A			Ext		■	3
SR503 ³											■	■	3		20		1	15A			Ext		■	3
SR504 ³											■	■	4		20		1	20A			Ext		■	3
SR506 ³											■	■	6		20		1	20A			Ext		■	3
SR503-EXP ³				Plug-in					Plug-in	Plug-in	■	■	3		20		1	20A			Ext		■	3
SR504-EXP ³				Plug-in					Plug-in	Plug-in	■	■	4		20		1	20A			Ext		■	3
SR506-EXP ³				Plug-in					Plug-in	Plug-in	■	■	6		20		1	20A			Ext		■	3
ZVC403 ³														3	20		1	40			Ext		■	3
ZVC404 ³											■	■		4	20		1	40			Ext		■	3
ZVC405 ³														5	20		1	75			Ext		■	3
ZVC406 ³											■	■		6	20		1	75			Ext		■	3
ZVC404-EXP ³				Plug-in					Plug-in	Plug-in	■	■		4	20		1	40			Ext		■	3
ZVC406-EXP ³				Plug-in					Plug-in	Plug-in	■	■		4	20		1	75			Ext		■	3
Erie																								
SR201										■	■	■	2		Unlimited	■	1	15			Ext		■	2
SR301										■	■	■	3		Unlimited	■	1	15			Ext		■	2
SR601										■	■	■	6		Unlimited	■	1	25			Ext		■	2
SR201AT										■	■	■	2		Unlimited	■	1	15			Ext	■	■	2
SR301AT										■	■	■	3		Unlimited	■	1	15			Ext	■	■	2
SR601AT										■	■	■	6		Unlimited	■	1	25			Ext	■	■	2
Argo																								
AD-4													4		15									5
AR821																	1	15						2
AR822																	1	15						2
AR826											■	■	2		20		1	20						5
AR-861-2												N/A	2											
AR-861-3												N/A	3				1	15						
AR-866												N/A	6											
ARM-4													4											
ARM2P ⁴								■		■	■	■	2		10		1	20		■	Ext		■ ²	
ARM3P ⁴								■		■	■	■	3		15		1	30		■	Ext		■ ²	
ARM4P ⁴								■		■	■	■	4		15		1	30		■	Ext		■ ²	
ARM6P ⁴								■		■	■	■	6		15		1	30		■	Ext		■ ²	
ARM842DP ^{4,5}								■		■	■	■	4		10		1	20		■	Int			5
ARM861DP ^{4,5}								■		■	■	■	3		10		1	20		■	Int			5
ARM866DP ^{4,5}								■		■	■	■	6		10		1	20		■	Int			5
AR861-2II											■	■	2		7		1	15					■ ²	5
AR861-3II											■	■	3		7		1	15					■ ²	5
AZ-3												N/A		3										
AZ-5												N/A		5			1	75						
AZ-4P											■	■		4			1	40						
AZ-6P											■	■		6			1	75						
AZ-WR												N/A		5										

Notes:
N/A - Not applicable on this model
¹ Freeze protection is achieved by running the boiler and pumps of the system for 4 minutes every hour.
² Auto reset electronic fuse for transformer.
³ Add-on Modules Available for Outdoor Boiler Reset Control and/or Variable Speed Pump Injection Mixing Control.
⁴ Plug-in Modules Available for Outdoor Boiler Reset Control.
⁵ Comes without a cover.