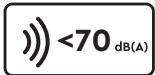


AQUABOOST

Booster Set (Vertical Twin)

The Aquaboost Vertical Booster Set offers variable speed twin pump units capable of boosting cold water at up to 16 m³/h or up to 8.5 bar pressure in light commercial applications.

Aquaboost Booster Sets can be configured for duty-assist or duty-standby modes.



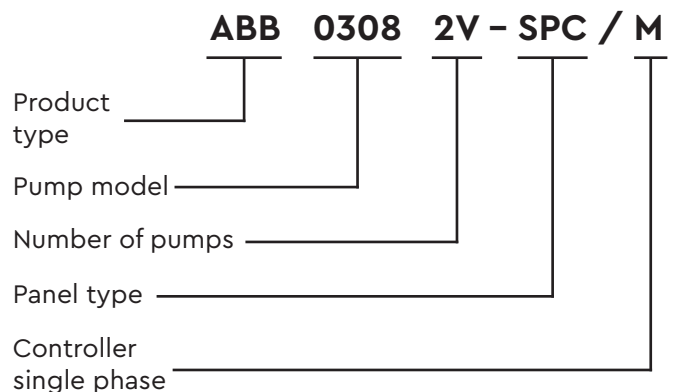
Features

- Heads up to 8.5 bar
- Flow rates up to 16 m³/h
- Variable speed pump control
- Duty-assist and duty-standby modes
- WRAS approved materials
- Continuously rated operation
- Stainless steel manifold assembly
- Anti-vibration mounting feet
- 24 litre pressure vessel included

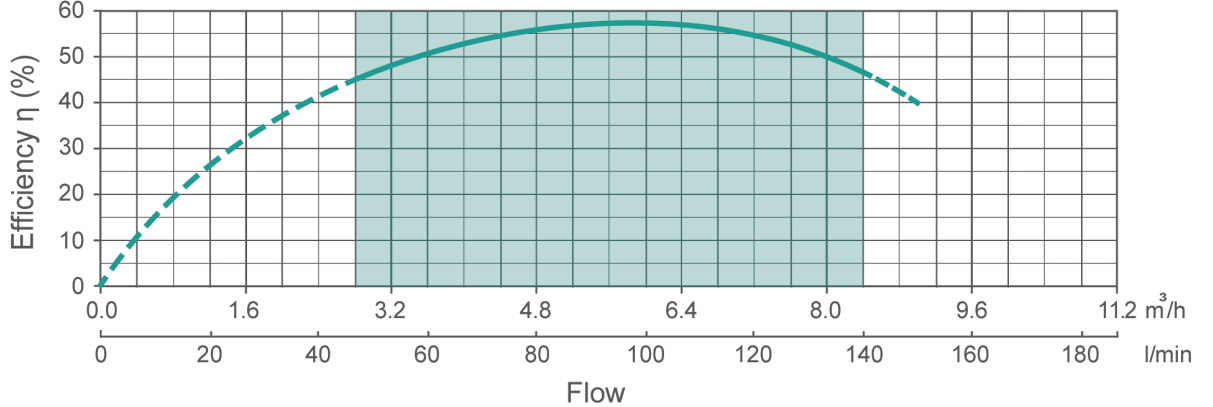
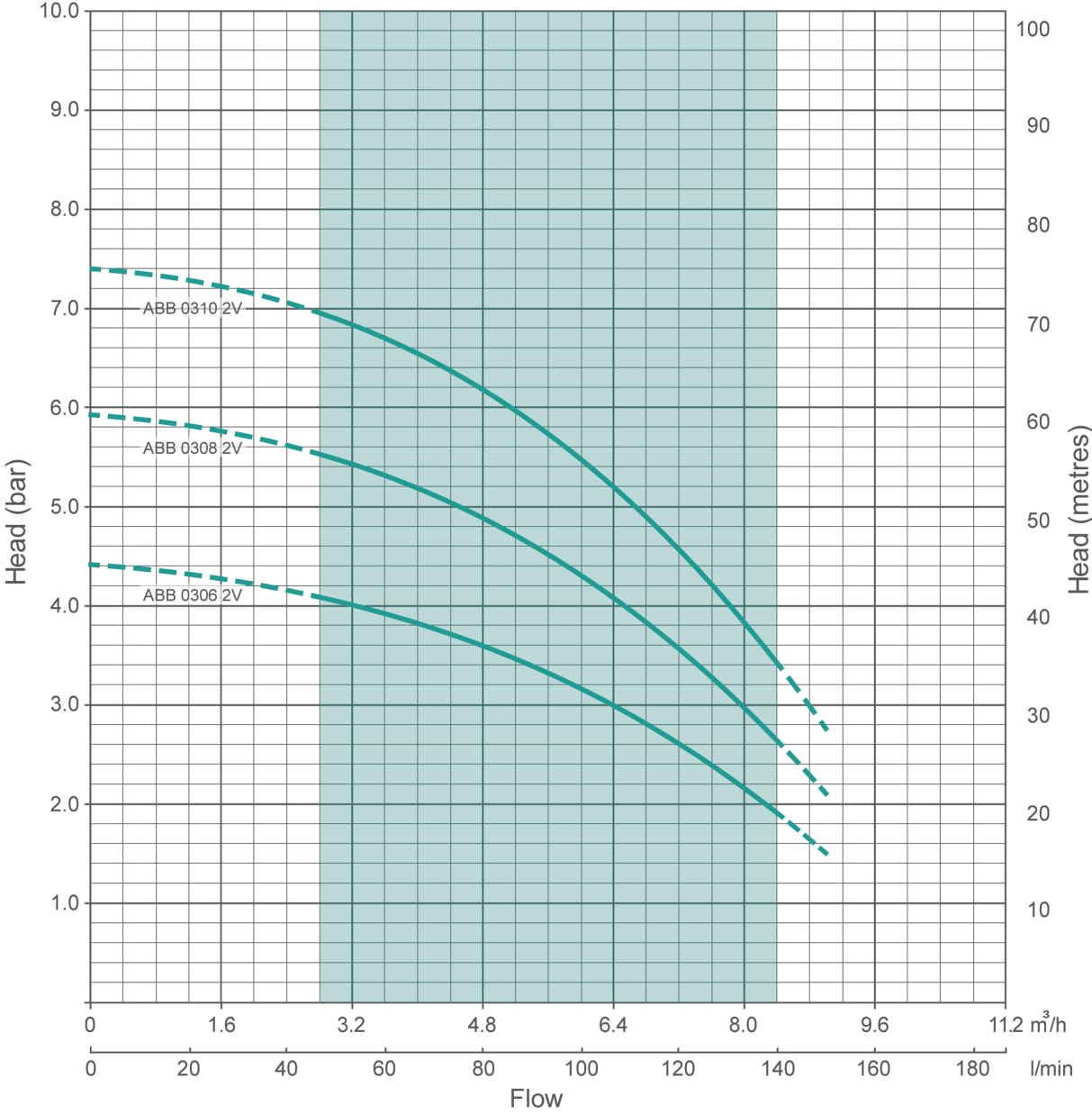
Application

- Cold water pressure and flow boosting in a range of domestic, commercial and industrial applications

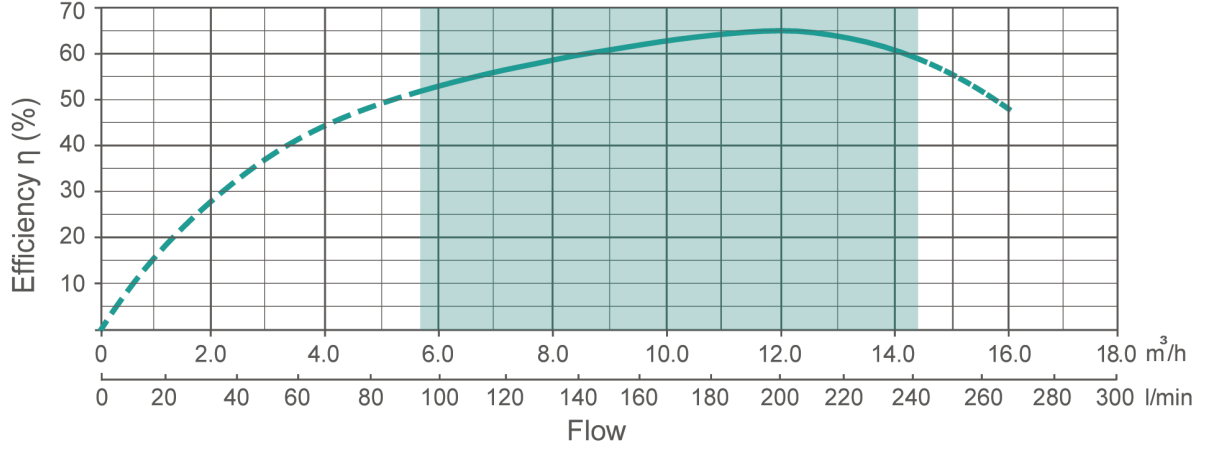
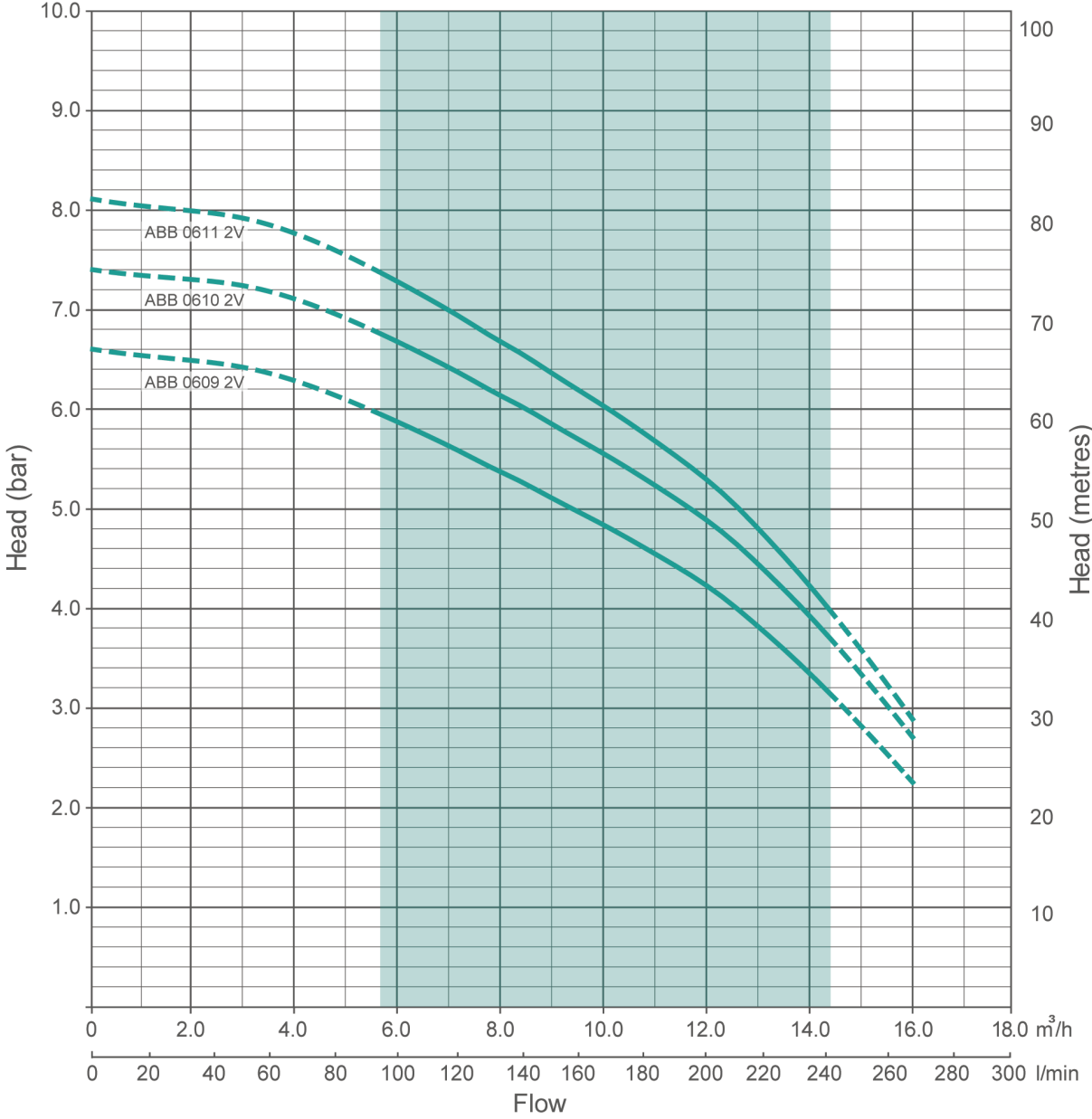
Product Code Structure



Pump Characteristic (ABB 0306/08/10)



Pump Characteristic (ABB 0609/10/11)



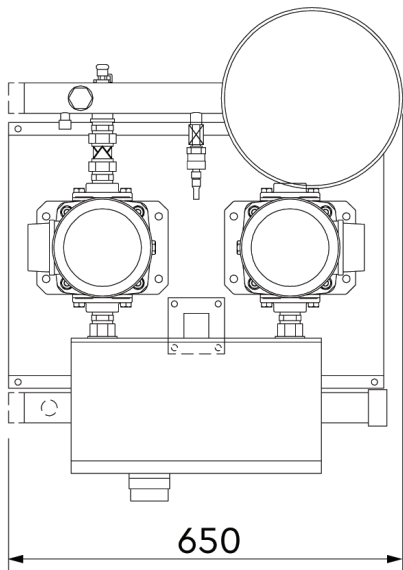
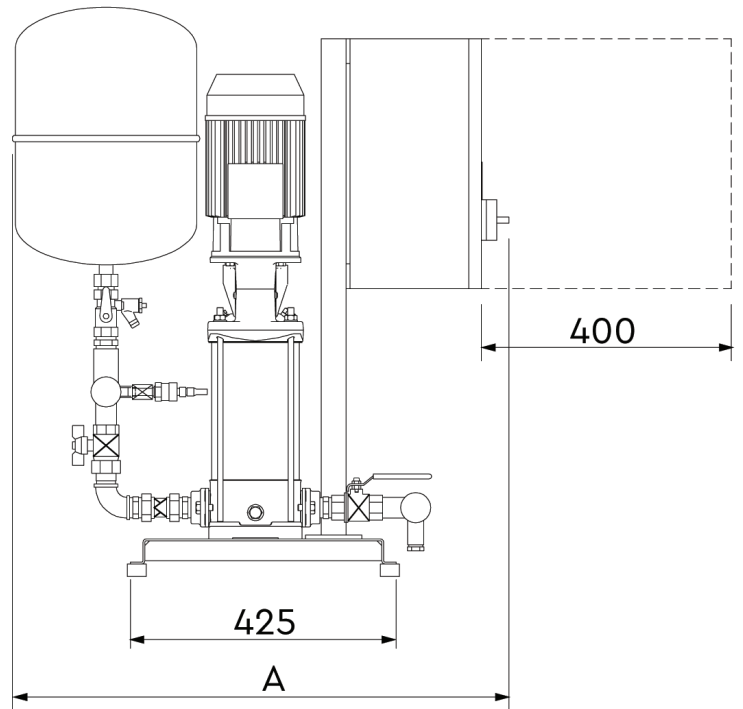
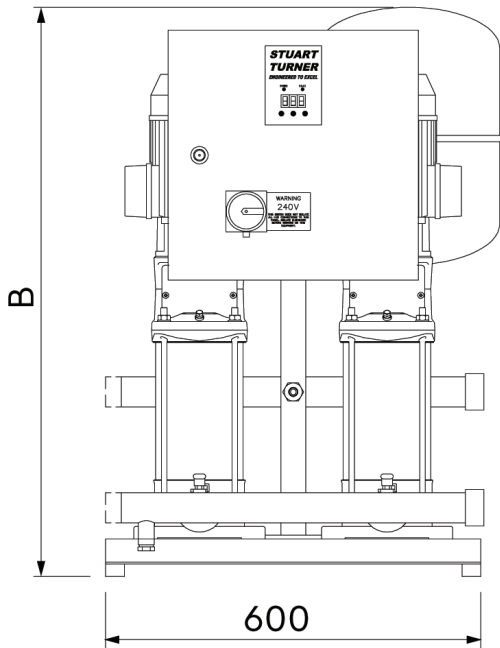
Technical Specification (ABB 0306/08/10)

Aquaboost Model		ABB 0306 2V-SPC/M 50 Hz 67257	ABB 0308 2V-SPC/M 50 Hz 67259	ABB 0310 2V-SPC/M 50 Hz 67261	
General	Guarantee	2 years			
	WRAS approval	Approved materials			
	Approvals	CE			
Features	Pump control system	Variable speed / pressure transducer			
	Pump control mode	Duty-assist / Duty-standby			
	Dry run protection	✓	✓	✓	
	Anti-vibration mounts	✓	✓	✓	
	Pressure vessel	24 litres			
	Pump check valve(s)	✓	✓	✓	
	Noise	<70 dB(A)			
Performance	Maximum head (closed valve)	4.4 bar	5.8 bar	7.4 bar	
	Maximum flow rate	9 m ³ /h			
	Minimum static inlet pressure	0.1 bar			
	Maximum static inlet pressure	1 bar			
	Maximum static outlet	1.3 bar			
	Maximum working pressure*	1600 kPa (16 bar)			
	Maximum ambient air temperature	40 °C			
	Min / Max water temperature	Min 4 °C / Max 23 °C			
Connections	Manifold inlet	G 1½ M			
	Manifold outlet	G 1½ M			
Manifold	Manifold construction	Stainless steel			
	Pump isolation valves	Full bore, lever			
Pump	Pump type	Centrifugal multistage			
	Pump body	Stainless steel			
	Impeller	Stainless steel			
	Mechanical seal	EPDM / Carbon / Ceramic			
	Motor type	Induction (current overload sensor)			
	Duty rating	Continuous			
Electrical	Power supply / phase / frequency	16 A 230 V a.c./1/50 Hz			
	Per Pump	Current per pump (full load)	2.6 Amps	2.9Amps	4.2 Amps
		Power consumption (per pump)	0.55 kW	0.75 kW	1.1 kW
Physical	Enclosure protection	IP55			
	Width	600 mm			
	Depth	650 mm			
	Height	1250 mm			
	Weight (including fittings)	110 Kg	120 Kg	125 Kg	

Technical Specification (ABB 0609/10/11)

Aquaboost Model		ABB 0609 2V-SPC/M 50 Hz 67272	ABB 0610 2V-SPC/M 50 Hz 67273	ABB 0611 2V-SPC/M 50 Hz 67274	
General	Guarantee	2 years			
	WRAS approval	Approved materials			
	Approvals	CE			
Features	Pump control system	Variable speed / pressure transducer			
	Pump control mode	Duty-assist / Duty-standby			
	Dry run protection	✓	✓	✓	
	Anti-vibration mounts	✓	✓	✓	
	Pressure vessel	24 litres			
	Pump check valve(s)	✓	✓	✓	
	Noise	<70 dB(A)			
Performance	Maximum head (closed valve)	6.6 bar	7.4 bar	8.1 bar	
	Maximum flow rate	16 m ³ /h			
	Minimum static inlet pressure	0.1 bar			
	Maximum static inlet pressure	1 bar			
	Maximum static outlet	1.3 bar			
	Maximum working pressure*	1600 kPa (16 bar)			
	Maximum ambient air temperature	40 °C			
	Min / Max water temperature	Min 4 °C / Max 23 °C			
Connections	Manifold inlet	G 2 M			
	Manifold outlet	G 2 M			
Manifold	Manifold construction	Stainless steel			
	Pump isolation valves	Full bore, lever			
Pump	Pump type	Centrifugal multistage			
	Pump body	Stainless steel			
	Impeller	Stainless steel			
	Mechanical seal	EPDM / Carbon / Ceramic			
	Motor type	Induction (current overload sensor)			
	Duty rating	Continuous			
Electrical	Power supply / phase / frequency	16 A 230 V a.c./1/50 Hz			
	Per Pump	Current per pump (full load)	5.2 Amps	8.0 Amps	8.0 Amps
		Power consumption (per pump)	1.5 kW	2.2 kW	2.2 kW
		Fuse rating (pump)	10 Amps		
Physical	Enclosure protection	IP55			
	Width	600 mm			
	Depth	725 mm			
	Height	1300 mm			
	Weight (including fittings)	130 Kg	135 Kg	140 Kg	

Dimensions



Pump Description	Dim. 'A'	Dim. 'B'
ABB 0306 2V-SPC/M	800 mm	950 mm
ABB 0308 2V-SPC/M	800 mm	950 mm
ABB 0310 2V-SPC/M	800 mm	950 mm
ABB 0609 2V-SPC/M	825 mm	975 mm
ABB 0610 2V-SPC/M	825 mm	975 mm
ABB 0611 2V-SPC/M	825 mm	975 mm

Stuart Turner Limited reserves the right to amend specifications without notice.

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