ATAC Solutions Ltd is a leading environmental engineering company based in Maidstone, United Kingdom.

ATAC Solutions is known for its state-of-the-art liquid collection fleet and its expertise in providing bespoke turnkey wastewater process solutions.

With a focus on sustainability and accreditation in ISO 9001 & ISO 14001, the company serves domestic and industrial clients across the South-East and London.

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VSA
WET ROTOR CIRCULATORS

CE

SOLAR PANEL SYSTEMS

Pump for circulation of fluid media in solar panel powered heating systems.
VSA wet rotor circulators can function perfectly also with high glycol concentrations (up to 60%).
Monobloc body composed of hydraulic section in cast iron and wet rotor motor. **Special electrophoresis coating of the pump body to ensure resistance to glycol attack.** Motor casing in diecast aluminium. Rotor in engineering polymer, motor shaft in hardened stainless steel held in graphite bearings lubricated by the pumping medium. Rotor protective jacket, stator jacket, and closing flange in stainless steel. Ceramic thrust ring, ethylene propylene seals and brass air breather plug.
Two-pole asynchronous motor with squirrel cage rotor designed to run at three alternative speeds on the basis of the setting of a selector on the terminal board in order to adapt circulator operation to the characteristics of the system.

Operating range: from 0,5 to 3,6 m^3/h with pressure head of up to 6 m.
Liquid temperature range: from -10°C to +110°C (TF110).
All models are designed to withstand temperature peaks of up to 140°C
Pumped fluid: clean, free of solid contaminants and mineral oils, non-viscous, chemically neutral, close to the properties of water (max. glycol 60%).
Max. working pressure: 10 bar (1000 kPa).
Installation: with HORIZONTAL MOTOR SHAFT.
Protection rating: IP 44.
Insulation class: F.

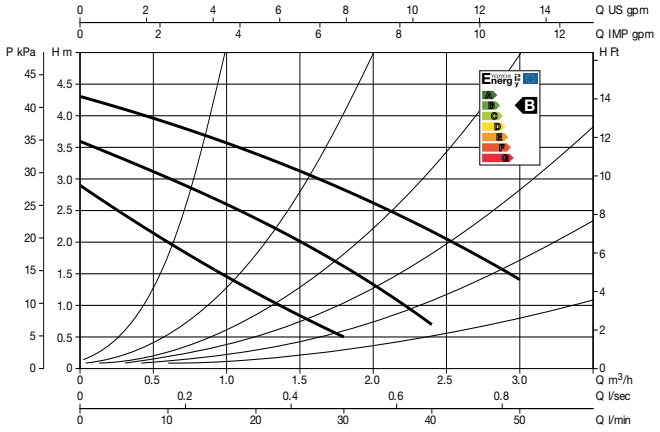
* see performance curves

TECHNICAL DATA

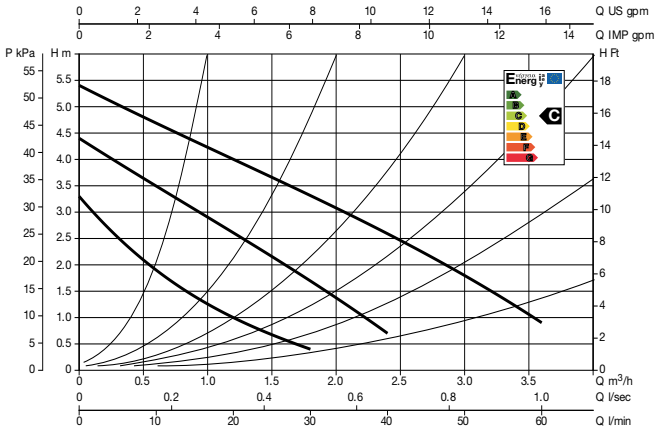
MODEL	CODE	CENTRE DISTANCE mm	ELECTRICAL DATA							UNIONS ON REQUEST		MINIMUM HEAD PRESSURE
			VOLTAGE 50 Hz	SPEED	n r.p.m. 1/min	P1 MAX W	In A	CAPACITOR µF	CAPACITOR Vc	STANDARDIZED	SPECIAL	
VSA 35/130	**60115307**	130	1 x 230 V ~	3 2 1	2465 1930 1150	56 50 35	0,25 0,22 0,16	1,7	450	1" F	¾ " F 1 ¼ " M	t° +90°C m.c.a. 1,5
VSA 35/130 1/2"	**60115308**	130	1 x 230 V ~	3 2 1	2465 1930 1150	56 50 35	0,25 0,22 0,16	1,7	450	-	-	t° +90°C m.c.a. 1,5
VSA 35/180	**60115309**	180	1 x 230 V ~	3 2 1	2465 1930 1150	56 50 35	0,25 0,22 0,16	1,7	450	1" F	¾ " F 1 ¼ " M	t° +90°C m.c.a. 1,5
VSA 55/130	**60115310**	130	1 x 230 V ~	3 2 1	2400 1600 930	70 58 36	0,3 0,26 0,17	1,7	450	1" F	¾ " F 1 ¼ " M	t° +90°C m.c.a. 1,5
VSA 55/130 1/2"	**60115316**	130	1 x 230 V ~	3 2 1	2400 1600 930	70 58 36	0,3 0,26 0,17	1,7	450	-	-	t° +90°C m.c.a. 1,5
VSA 55/180	**60115317**	180	1 x 230 V ~	3 2 1	2400 1600 930	70 58 36	0,3 0,26 0,17	1,7	450	1" F	¾ " F 1 ¼ " M	t° +90°C m.c.a. 1,5
VSA 65/130	**60115318**	130	1 x 230 V ~	3 2 1	2310 1532 880	78 59 37	0,34 0,26 0,17	2	450	1" F	¾ " F 1 ¼ " M	t° +90°C m.c.a. 1,5
VSA 65/130 1/2"	**60115319**	130	1 x 230 V ~	3 2 1	2310 1532 880	78 59 37	0,34 0,26 0,17	2	450	-	-	t° +90°C m.c.a. 1,5
VSA 65/180	**60115320**	180	1 x 230 V ~	3 2 1	2310 1532 880	78 59 37	0,34 0,26 0,17	2	450	1" F	¾ " F 1 ¼ " M	t° +90°C m.c.a. 1,5

VSA
WET ROTOR CIRCULATORS

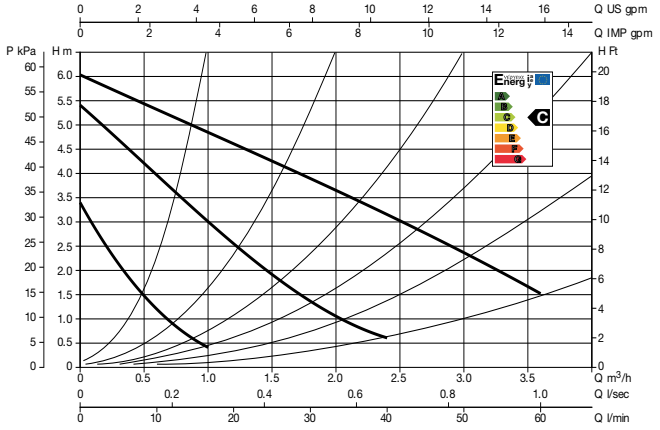
VSA 35

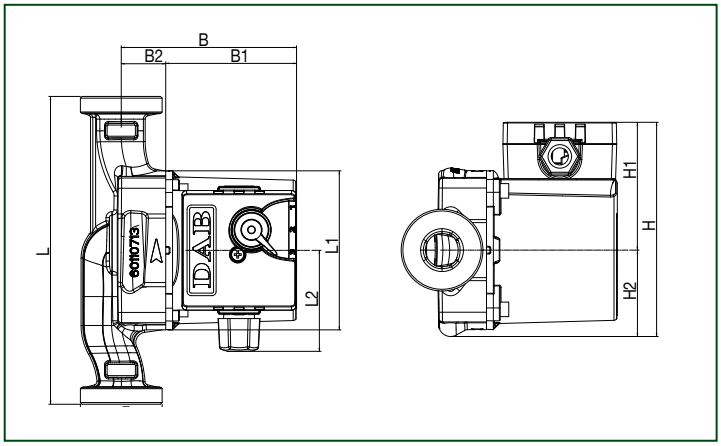


VSA 55



VSA 65





DIMENSIONS AND WEIGHTS

MODEL	L	L1	L2	B	B1	B2	H	H1	H2	F	PACKAGING DIMENSIONS			WEIGHT KG	Q.TY x PALLET
											L	B	H		
VSA 35/130	130	93	59	102,5	76,5	26	125,5	75	50,5	1½"	135	135	150	2,5	240
VSA 35/130 1/2"	130	93	59	102,5	76,5	26	125,5	75	50,5	1"	135	135	150	2,5	240
VSA 35/180	180	93	59	102,5	76,5	26	125,5	75	50,5	1½"	130	190	150	2,6	180
VSA 35/180 X	180	93	59	102,5	76,5	26	125,5	75	50,5	2"	130	190	150	2,6	180
VSA 55/130	130	93	59	102,5	76,5	26	125,5	75	50,5	1½"	135	135	150	2,5	240
VSA 55/130 1/2"	130	93	59	102,5	76,5	26	125,5	75	50,5	1"	135	135	150	2,5	240
VSA 55/180	180	93	59	102,5	76,5	26	125,5	75	50,5	1½"	130	190	150	2,6	180
VSA 55/180 X	180	93	59	102,5	76,5	26	125,5	75	50,5	2"	130	190	150	2,6	180
VSA 65/130	130	93	59	102,5	76,5	26	125,5	75	50,5	1½"	135	135	150	2,5	240
VSA 65/130 1/2"	130	93	59	102,5	76,5	26	125,5	75	50,5	1"	135	135	150	2,5	240
VSA 65/180	180	93	59	102,5	76,5	26	125,5	75	50,5	1½"	130	190	150	2,6	180
VSA 65/180 X	180	93	59	102,5	76,5	26	125,5	75	50,5	2"	130	190	150	2,6	180