

Hot Water Circulators



0800 509 506
www.whiteint.co.nz

Circulators for Heating and Air Conditioning Systems



Circulator Pumps designed for circulating hot water in closed and pressurised, or open tank central home heating systems

DAB circulators are designed for the lowest energy consumption levels available.

Heat your home and save money!



Circulators for Heating and Air-Conditioning Systems

New Evolution of Efficiency



Applications

Pump for circulating hot water in closed and pressurised or open tank centralised home heating systems. Some models are also suitable for solar power systems.

Guaranteed very low power consumption and excellent power savings. Ideal for heating systems and under floor heating systems.



Cast Iron Domestic Circulator

For heating and air conditioning systems

Model/Part No.	Centre Distance	Outlet
DAB-VA35-130-EVO	130mm	1 1/2" G
DAB-VA55-130-EVO	130mm	1 1/2" G
DAB-VA65-130-EVO	130mm	1 1/2" G

Bronze Domestic Circulator

For domestic hot water

Model/Part No.	Centre Distance	Outlet
DAB-VS65-150	150mm	1 1/2" G





DAB AC Circulators



A combination of frequency converter technology and permanent magnet motor place the pumps at the top of the energy labeling scale.

Features

- Max heads to 6m
- Power absorbed reduction up to 5watt
- Automatic night reduction if needed
- Possible regulation
 - Constant pressure: CPI - CPII
 - Proportional pressure: PPI - PPII - PPIII
 - Constant speed: CSI - CSII - CSIII
 - User friendly installation and setting
 - Easy power connection (spring terminal board)



AC Circulators

Model/Part No.	Energy class	In A	Pump Coupl.	Center Distance mm	Q m ³ /h	H m
DAB-AC 35/180	A	0.19	1 1/2" G	180	0,4 - 2,5	4 - 0,9
DAB-AC 35/180 X	A	0.19	2" G	180	0,4 - 2,5	4 - 0,9
DAB-AC 35/130	A	0.19	1 1/2" G	130	0,4 - 2,5	4 - 0,9
DAB-AC 55/180	A	0.38	1 1/2" G	180	0,4 - 3,2	5,7 - 1
DAB-AC 55/180 X	A	0.38	2" G	180	0,4 - 3,2	5,7 - 1
DAB-AC 55/130	A	0.38	1 1/2" G	130	0,4 - 3,2	5,7 - 1
DAB-AC 65/180	A	0.5	1 1/2" G	180	1 - 6,8	6 - 1,2
DAB-AC 65/180 X	A	0.5	2" G	180	1 - 6,8	6 - 1,2
DAB-AC 80/180	A	0.8	1 1/2" G	180	1 - 8,4	8 - 1,4
DAB-AC 80/180 X	A	0.8	2" G	180	1 - 8,4	8 - 1,4
DAB-AC 110/180 X	A	1.25	2" G	180	1 - 10,2	11 - 2

Save up to 60% of the power consumption of other circulator pumps



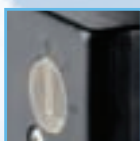
VSA High Strength Hot Water Circulators for Solar Energy



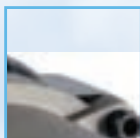
One of the most widely adopted solar power technologies involves the transfer of energy through water: this system can be used to produce domestic hot water, as a support for home central heating systems, swimming pool heating, or to produce hot water for industrial or agricultural uses.

All these requirements are filled perfectly by the VSA series – the new family of solar circulators from DAB that reflect the state-of-the-art in heating system circulator pumps for solar energy applications.

In addition to the hallmark ruggedness typical of all DAB products, VSA wet rotor circulators can function perfectly also with high glycol concentrations (up to 60%).



Operation - Capacitor incorporated in terminal box plus selector for three-speed operation.



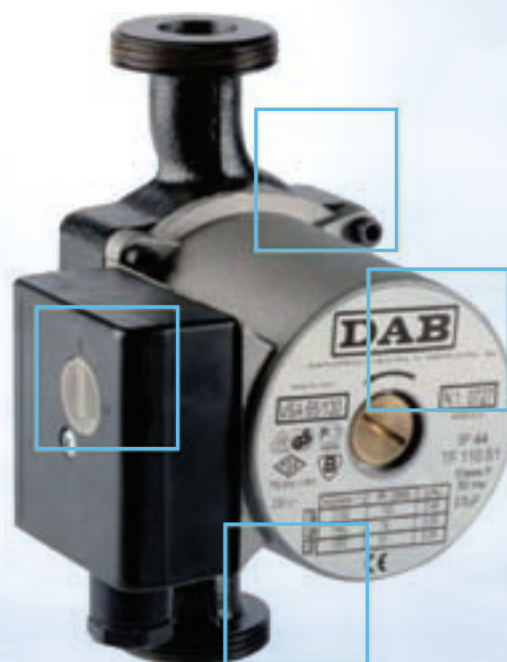
Reliable - VSA circulators assure an extended working life, thanks also to their ability to withstand temperatures as low as -10°C . All models are designed to withstand temperature peaks of up to 140°C .



Rugged - Pump body with electrophoresis coating to ensure optimal corrosion resistance. High-strength impeller in technopolymer and dedicated seals.



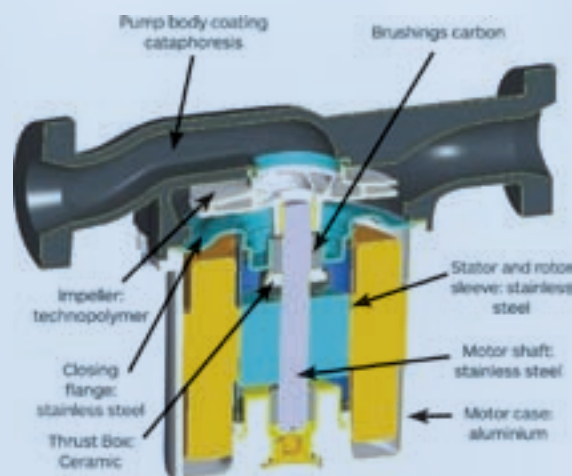
Strong - Very quiet-running with long working life, SA circulators will function perfectly also with liquids containing high glycol concentrations (up to 60%).



Features

- wet rotor circulator with cast iron pump body
- flow rate from 0 to 4,2 m³/h
- pressure head of up to 6,3 m
- liquid temperature range: from -10°C to $+110^{\circ}\text{C}$ (TF 110)
- maximum working pressure 10 Bar
- maximum relative humidity 95%
- 1" unions

Model/Part No.	Centre Distance mm	Speed	n r.p.m.	P1 max W
DAB-VSA 35/130	130	3	2370	71
DAB-VSA 55/130	130	3	2330	82
DAB-VSA 65/130	130	3	2100	102





New SolarWave™ Pressure Tanks



If you are looking for the proven performance of a GWS tank, SolarWave™ expansion tanks are the quality solution for your solar system. SolarWave™ expansion tanks are designed to control the expansion and contraction of Solar Thermal Transfer Fluids in Solar Heating Systems. The SolarWave™ Series is intended for use on the Solar Liquid Loop of indirect thermal transfer systems.

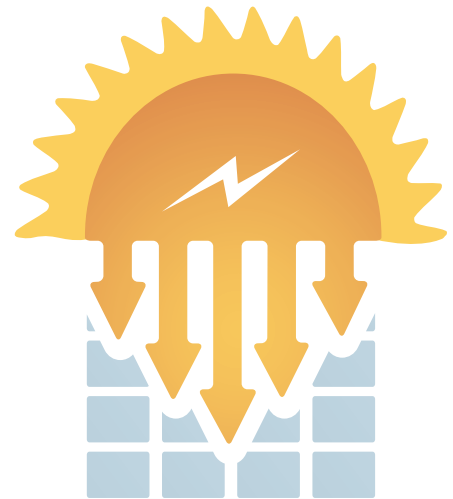
Solar Wave™ tanks are built to the same stringent standards as Pressure Wave™ and Challenger™ tanks. They meet the demands of solar collector systems for both thermal expansion and contraction in order to maintain safe and efficient operating pressures within the solar liquid system.

A properly sized SolarWave™ tank will eliminate the need for recharging the system after periods of no use or in cases of extreme temperature buildup. It will eliminate relief valve release of system liquid and maintain minimum operating pressures throughout the system.

SolarWave™ Series expansion tanks have a large acceptance volume making them ideal for expansion and contraction control of solar collector systems which operate under a wide range of pressure and temperature.

SolarWave™ tanks are quality tested at several stages on the production line to ensure the structural integrity of every tank.

SolarWave™ tanks represent the best value for the investment and are the best quality solar expansion vessels available today.



Features

- High temperature butyl diaphragm
- High expansion volume factor
- Patented stainless steel connection
- Two part polyurethane, epoxy primed paint finish
- Leak free o-ring sealed air valve cap
- Comprehensive testing
- No maintenance
- Rated for high temperatures

New SolarWave™ Pressure Tanks

Model/Part No.	Description	Draw Off
FLE-SW8V	8 litre vertical, 10 bar 1"	3 litre
FLE-SW12V	12 litre vertical, 10 bar 1"	4 litre
FLE-SW18V	18 litre vertical, 10 bar 1"	6 litre
FLE-SW24V	24 litre vertical, 10 bar 1"	8 litre
FLE-SW60V	60 litre vertical, 10 bar 1"	18 litre
FLE-SW80V	80 litre vertical, 10 bar 1"	29 litre

Brackets

Model/Part No.	Description
FLE-BR2V	Wall bracket for 2V tank
FLE-BR8V	Wall bracket for 8v tank
FLE-BR18V	Wall bracket for 18V tank
FLE-BR24V	Wall bracket for 20V tank
FLE-BR35V	Wall bracket for 35V tank



If the temperature of the Solar system has the potential to rise above the evaporation point of the solar liquid a condenser chamber or coil is required between the Solar collector and SolarWave™ Series expansion tank in order to control the maximum fluid temperature at the SolarWave™ tank.



0800 509 506
www.whiteint.co.nz