



PUMP

The DAYLIFF DQB is a revolutionary variable speed controlled circulator pump designed for hot water circulation in heating, cooling and solar applications. Particular features include:

- Variable Speed inverter technology that enables the pump to selectively operate on a constant curve, proportional pressure where pressure is adjusted according to heat demand and constant pressure where pressure remains constant irrespective of system demand.
- Efficient liquid cooled and leak proof motor ensuring longevity and quiet operation
- Intelligent pump with various operating modes adaptable to different applications and with comprehensive motor protection
- Display indicating power consumption and flow as well as alarm and warning conditions.

Pump construction is Aluminum motor housing, cast iron pump body, stainless steel rotor and Polyethersulfone impeller. Pumps are supplied complete with flanges

MOTOR

The pump is fitted with an integral 4-pole asynchronous permanent-magnet high efficiency inverter controlled motor. The pump should be connected to a suitably rated MCB or fuse.

Enclosure Class: IP42

Insulation Class: F

Voltage: 1x240V

OPERATING CONDITIONS

Pumped Liquid: Thin, clean, chemically non-aggressive liquids without solid particles or fibres

Liquid Temperature: +2°C - +110°C

Max. Ambient Temperature: 0°C - +40°C

Max Operating Pressure: 1.5bar

Installation: Pumps must be installed with the rotor shaft horizontal and vertical water flow

PUMP DATA

Model	Power (W)	Current (A)	Inlet/Outlet (mm)	Dimensions (mm)			Weight (kg)
				W	L	D	
DQB40/10	340	1.6	40	200	388	150	20
DQB50/12	560	2.7	50	280	395	165	23
DQB65/15	1300	6	65	340	403	185	26

