

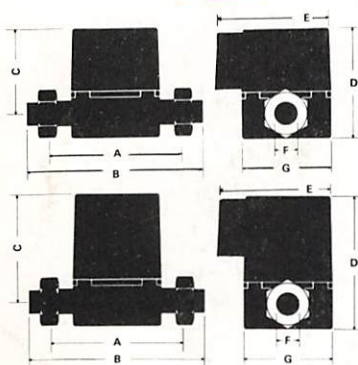
Grundfos Hot Water Service Circulators



SUPER 4DW

The three models in this range, Super 4/12 DW, 4/30 DW and 4/45 DW have performances designed to cater for the majority of HWS systems in domestic, commercial, industrial and public buildings. Their construction is based on well proven principles established over the past thirty years, during which time many millions of circulators have been produced. A stainless steel pump housing ensures the supply of contamination-free hot water. Ceramic bearings offer extremely long life and near silent operation.

Model	Watts Input	Full Load Current Amps 1x240v	Locked Rotor Current Amps	Full Load Speed RPM	Capacitor Rating	Weight (kg.)		Unions (Brass)
						Nett	Gross	
Super 4-12 DW	60	0.28	0.36	1400	2.5µF	2.9	3.17	¾" BSPF
Super 4-30 DW	85	0.40	0.54	2550	2.5µF	2.9	3.17	¾" BSPF
Super 4-45 DW	115	0.52	0.92	2600	2.5µF	4.6	4.85	¾" BSPF



SUPER 4-12 DW 4-30DW

- A 150mm
- B 200mm
- C 96mm
- D 124mm
- E 130mm
- F 25mm
- G 99mm

SUPER 4-45DW

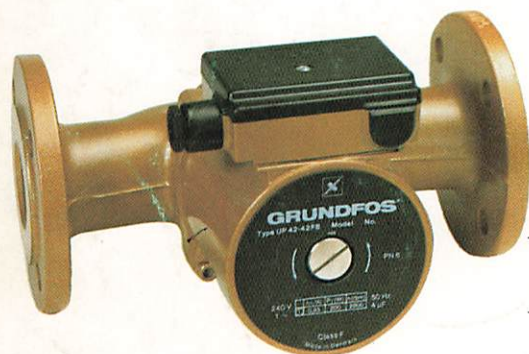
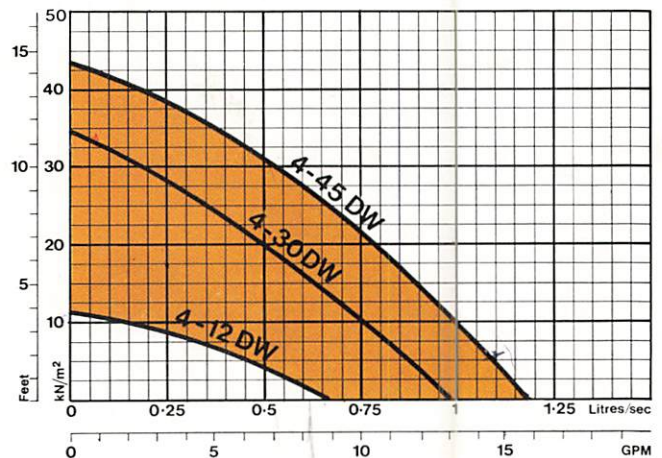
- A 150mm
- B 200mm
- C 121.5mm
- D 149.5mm
- E 130mm
- F 25mm
- G 99mm

Maximum Operating Conditions

Maximum Operating Temperatures

System Water Temperatures °C	110	105	100	90	80
Ambient Temperature °C	40	50	60	70	80

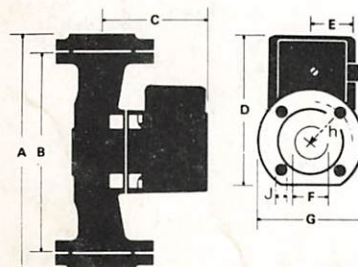
The minimum inlet pressure at 90°C water temperature should be 1.5 metres to avoid cavitation and to ensure quiet running.
maximum working pressures 10 bar



UP 42-42 FB

This model has been designed for the larger HWS system, and having variable head duty can be tailored to suit each installation. The same high standards of construction are found in this model as in all Grundfos circulators. A bronze pump housing is used in conjunction with a stainless steel impeller and variable head mechanism. Ceramics are again used for the shaft and bearings.

Model	Input Power Watts	Full Load Current Amps	Locked Rotor Current Amps	Full Load Speed RPM	Capacitor Rating µF	Flanges (Bronze)	Weight (kg.)	
							Nett	Gross
UP 42-42FB 1x240v	180	0.95	2.2	2600	4	1½" BSFF Screwed Flanges	9.4	13.0
UP 42-42FB 3x415v	175	0.44	1.2	2600	4			



- A 306mm
- B 250mm
- C 130mm
- D 185mm
- E 85mm
- F 42mm
- G 130mm
- H 100mm
- J 14mm

Maximum Operating Conditions

Maximum Operating Temperatures

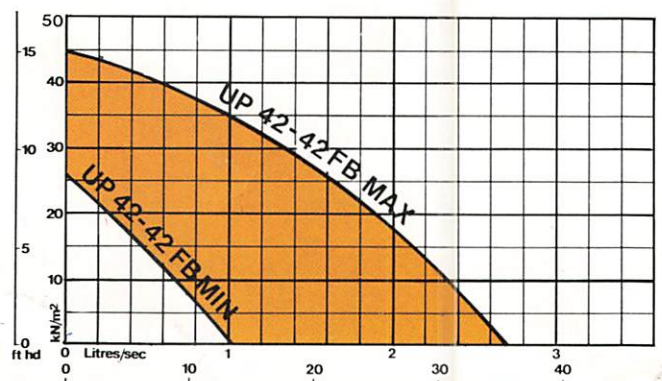
System Water Temperatures °C	110	105	100	90	80
Ambient Temperature °C	40	50	60	70	80

UP 42.42 FB is available for maximum working pressures of 6 bar
UP 42.42FB models require overload protection

The minimum inlet pressure at 90°C water temperature should be 2.5 metres to avoid cavitation and to ensure quiet running, for all models.

We reserve the right to alter prices and specifications without prior notice.

DW/BF/4/84



GRUNDFOS

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