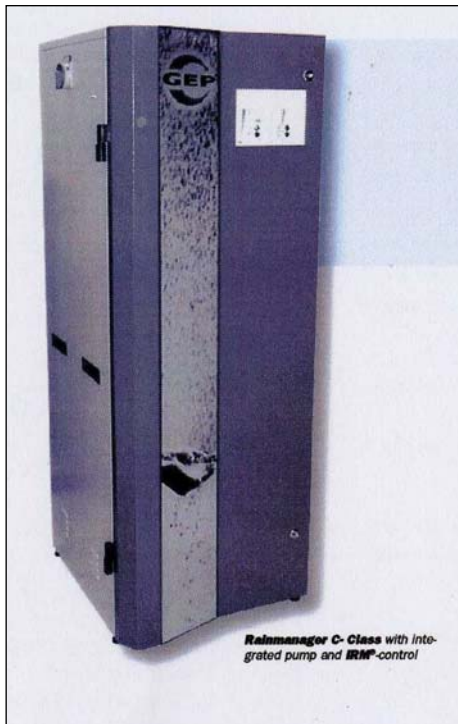


RAINWATER TECHNICAL SHEET

Rainwater Harvesting Control Systems IRM®-Rainmanager C-Class

- Booster pump station with multiple stage centrifugal dual pump set
- Internal mains water back up. 100 litres storage. Type AA air gap to protect mains water supply
- Minimises amount of mains back up required
- Reduced pumping costs as mains back up from within building instead of from rainwater storage tank
- Reduced site costs as no requirement for 110mm mains back up duct between plant room and rainwater storage tank
- Electronic IRM® control
- Maximum flow rate up to 14m³/h
- Level indicator shows amount of stored rainwater
- Controls and monitors supply pump and solenoid valve
- Volt free alarm contact for maintenance and warning signals



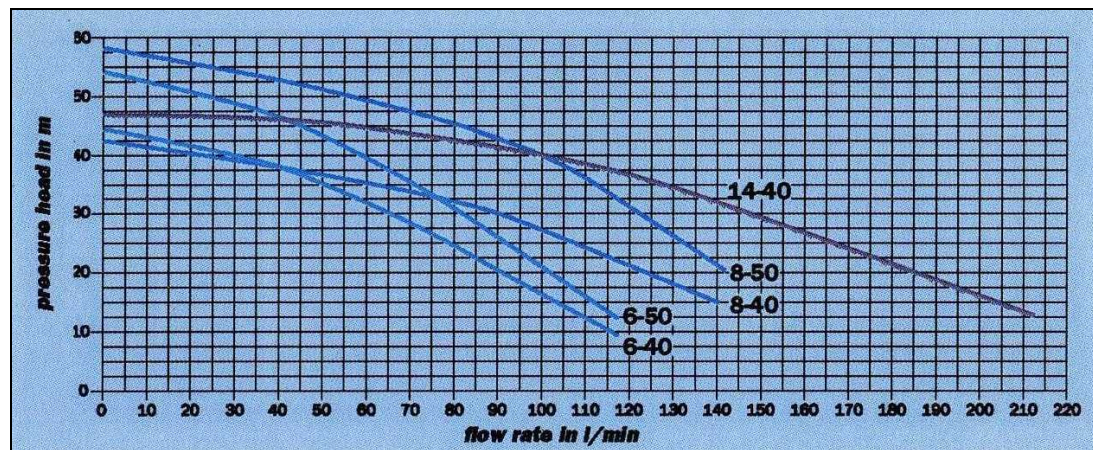
C Class	
Width in mm	570
Depth in mm (with door)	665
Height in mm (without feet)	1,525
Fuse protection	20A
Flow rate max	up to 14m ³
Pressure head max	up to 56m
Pressure connection	1 ½"
Main water connection	1"
Supply pump connection	1 ¼"
Break tank volume	100 litres
Air Gap	Type AA
Emergency overflow	DN 70

Operation

The Rainmanager C-Class is the intelligence centre of the rainwater harvesting system. It is a fully equipped control unit with an integrated booster pump set. The dual pump set is controlled for alternative starting of the pumps and dry run protection. Rainwater is pumped from the main rainwater storage tank to the Rainmanager which is sited in the building in a plant room. The Rainmanager monitors the water level in the rainwater storage tank as well as the break tank within the unit. In the case of no rainwater the Rainmanager automatically fills the break tank from the mains back up.

Technical Data

	C-Class 6-40	C-Class 6-50	C-Class 8-40	C-Class 8-60	C-Class 14-40
Max flow rate in m ³ /h	- 6	- 6	- 6	- 6	- 6
Max pressure head in m	42	52	42.2	57.7	47.3
Motor output in W	2 x 700	2 x 950	2 x 880	2 x 1,200	
Power supply 50 HZ	230V				



Pump performance

This sheet was issued in July 2004 and may be superseded by later editions.