

DLM-450



DLM-600



CHARACTERISTICS

- Pre-wired electrical cabinet with built-in transformer
- Terminal blocks to connect the various devices
- Intelligent control of the technical pool installation
- Allows optimal cooperation between different devices
- Possible to connect multi-brand devices
- PLC communication, control via power cable
- 2 relay contacts, toggle or pulse mode
- RS-485 and DMX512 connectivity
- LINK Touch compatible
- RJ45 network connection for internet connection
- Direct Wifi functionality to create a local wireless network
- Power protection
 - Differential switch 30mA
 - Current measurement on all 12V and 24V outputs
 - Software protection for maximum currents

ADVANTAGES

- Makes complex pool installations easier to install and start up
- Simplified electrical wiring, saving valuable installation time
- Power supply and control of various pool devices
 - Filter pump
 - Heat pump
 - Lighting
 - Cover
 - Water treatment
 - Filling system
- Automatic pairing of all DURATECH products
- Remote access thanks to internet connection
- 1 DURA Cloud app to control the entire installation

TECHNICAL SPECIFICATIONS

CHARACTERISTICS	UNIT	DLM-450	DLM-600
Material cabinet		Polymer	Metal
Built-in toroidal transformer		✓	✓
Transformer VA rating	VA	450	600
Nominal input voltage	VAC	230	230
Output voltage to heat pump	VAC	230	230
Output voltage filter pump	VAC	230	230
Output voltage LED lighting	VAC	12	12
Output voltage DuraCover	VDC	24	24
Output voltage water treatment	VAC	230	230
LINK Touch compatible		✓	✓
DURA Cloud app compatible		✓	✓
Quantity relais contacts		2	2
CAN bus		✓	✓
RS-485		✓	✓
DMX512		✓	✓
RJ45 network connection		✓	✓
IEC protection class		Class II	Class II
IP class		IP50	IP30 ¹⁾
Unit dimensions (L*W*H)	mm	342*612*150	500*600*175
Net weight	kg	11,5	32
Warranty	year	2	2

¹⁾ Requires correct installation with sealed cable duct at the bottom of the cabinet.

INTELLIGENT CONTROL

- Decreases speed or deactivates filter pump when opening/closing pool cover
- When pool cover is fully open, filter pump will operate at full speed for optimum filtration
- Cleaning mode: filter pump operates at full speed and water treatment is deactivated
- Deactivate water treatment when filter pump is not working
- Filter pump will not stop when heat pump is active
- When the heat pump has reached its desired temperature, the filter pump will run for another 5 minutes to bring residual heat to the pool
- Activation automatic filling system by level sensor, automatic filling will stop after 3 hours for safety reasons

TO COMBINE WITH

LED LIGHTING	HEAT PUMP	POOL COVER	FILTER PUMP	REMOTE CONTROL
VISION Spectra DVM p. 14	HEAT Dura V p. 50	DURACOVER p. 70	FLOW Inverter p. 62	LINK Touch p. 88
VISION Spectra DVS p. 16	HEAT Dura+i p. 52			DURA Cloud app p. 96
VISION Adagio Pro p. 18	HEAT Dura Pro p. 54			
VISION Allegro p. 20				
VISION Pro p. 22				
VISION Moonlights p. 36				

CONTROL MADE EASY

- Only one app for configuration, monitoring and operation of technical swimming pool installation
- Carefree enjoyment has never been easier
- App available for Android and iOS devices

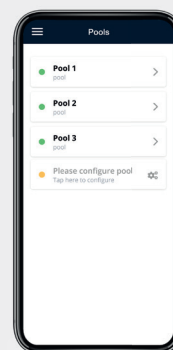
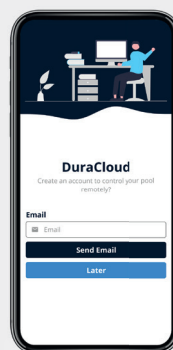


DURA Cloud



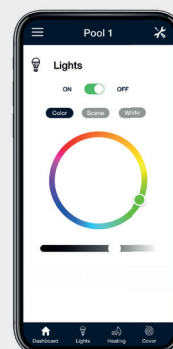
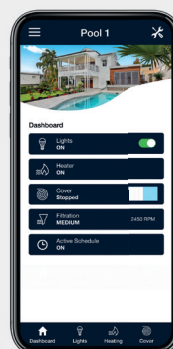
EASY MANAGEMENT

- Management of multiple pools
- Local or remote connection
- Different user profiles with corresponding possibilities



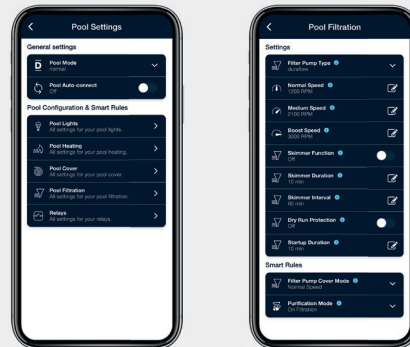
DASHBOARD FOR DAILY USE

- Control various devices such as lighting, temperature adjustment, cover, ...
- Detail page available for specific information or more control functions



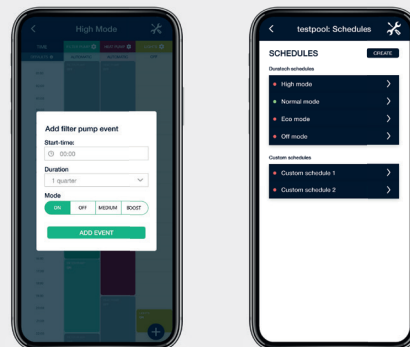
CONFIGURATION AND SMART RULES

- Overview page of connected devices
- Detail page per device for configuration and smart rules so that the various devices can work optimally together



PLANNER

- Default programs for time-dependent control of filter pump
- Possibility of creating personalised schedulers for filter pump operating times/settings, heat pump and lighting



CALIBRATION DURACOVER

- Easy calibration of DURACOVER pool cover
- Adjusting motor rotation direction via app

