

GAHP and GA Lines Electronic Digital Display Controller (DDC)

Optional accessory

Robur's DDC is available as an optional accessory. This device

is capable of fully controlling and monitoring all versions of

the Robur units with S-60, S-70, AR10 or W-10 control boards.



Features

- One Robur DDC can control up to 16 units working on a common hydronic loop or up to 48 units on a common loop when connected to two additional Robur DDCs.
- Programmable time scheduling.
- Monitoring of inlet and outlet water temperatures.
- Sequence step control of multiple units (Staging).
- Equalizes run time of individual modules.
- Visual and audible alarm for

- Constant display of the system operating parameters.
- Logging and displaying of fault events.
- General fault and burner lockout signal for remote connection.

Connection

Cable used for the connecting of Chiller & Chiller-Heater Modules to the DDC controller as follows:

CABLE TYPE AND MODEL	MAX DISTANCE COVERED (ft)
Robur Netbus	1,475
Honeywell SDS 1620	
BELDEN 3086A	1,475
TURCK type 530	
DeviceNet Mid Cable	
TURCK type 5711	1,475
Honeywell SDS 2022	
TURCK type 531	656

Maximum lengths listed above for cable run must include the cable length required to interconnect multiple unit configurations and the length of cable from the last unit to the

location of the DDC. Some applications may require that the DDC cable be run in conduit. Check local codes for the equipment installation location.

DDC Connection Schemes



