HAYWARD®

Quick Reference Guide

EcoStar®

Default Speeds

SPEED 1	=	1000 rpm
SPEED 2	=	1750 rpm
SPEED 3	=	2500 rpm
SPEED 4	=	3250 rpm

* QUICK CLEAN

3250 rpm

*Max allowed speed of 60mins

THP 2.70 / 230V
Single Phase 60Hz

Configuration Menu

- Push (MENU) until `Configuration Menu Locked` appears, then hold down ⟨‹ & ›⟩

  until you see `Press > to enter`

- Press ›⟩ to advance, ⟨‹ to back up

- Press ⟨+⟩ to edit items, flashing items are changed using the ⟨+⟩ or ⟨−⟩

SPEED 1
SPEED 2
SPEED 3
SPEED 4

CHECK SYSTEM
TIMERS ACTIVE

MENU

STOP/RESUME

QUICK CLEAN

Timers Menu - Stand Alone

- Push (MENU) until `Timers Menu Press > to enter` appears, then press ›⟩

- `Timer1 1725rpm 12:00a to 11:45p 7D` use ⟨+⟩ to modify

- Push ⟨+⟩ to change timer name, then press ›⟩ to advance

- Next set Timer speed `Timer1 1725rpm +/- adjust times >` use ⟨+⟩ / ⟨−⟩ then press ›⟩

- `Timer1 1725rpm 12:00a to 11:45p` use ⟨+⟩/⟨−⟩ to modify start time, then ›⟩ to adjust end

- Push ›⟩ to view schedule days, use ⟨+⟩ / ⟨−⟩ to modify, then ›⟩ to review

- Repeat this process until all desired timers are set

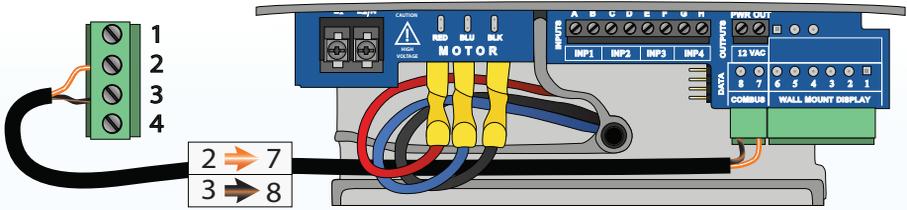- To save changes, press (MENU) to exit, and then ⟨+⟩ to save

Quick Reference Guide – External Control

Connecting EcoStar to Hayward Automation

1. Connect with shielded 300V communciation wire (utilizing a twisted pair):

Controller (RS485)   **EcoStar Wiring Compartment**
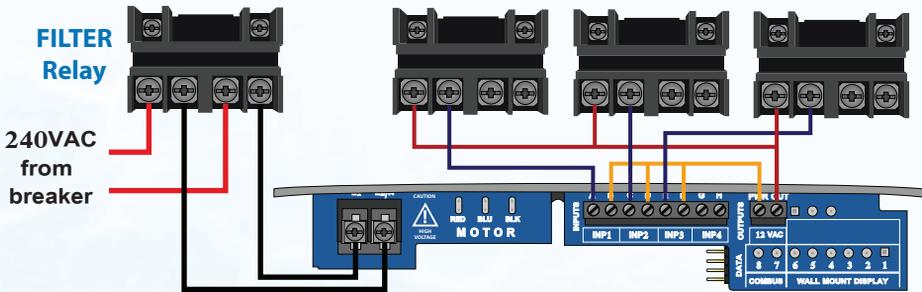
1
2
3
4

2 ➡ 7
3 ➡ 8

Note: Pump is wired to the the line side of power (typical)

2. Verify pump is configured for Hayward Control:

• Locate and unlock Configuration Menu (instructions on front)

• Press [>] until   `Remote Control Mode`
                    `Standalone/Hayward`   if shows "Relay Control" press [+]

3. Set pump address according to automation system configuration

• Press [MENU] then [+] to save any changes

Connecting EcoStar for Relay Control

1. Power pump through filter relay:

FILTER Relay

240VAC from breaker

2. Wire low voltage circuits for each relay with 300V rated conductors

3. Verify pump is configured for Relay Control:

• Locate and unlock Configuration Menu (instructions on front)

• Press [>] until   `Remote Control Mode`
                    `Relay Control`   if shows "Standalone/Hayward" press [+]

• Press [MENU] then [+] to save any changes

4. Set speeds under the 'Timer's Menu'

To take a closer look or see other Hayward products please go to:
www.hayward.com or call 1-800-432-8387

HAYWARD®   QRG3401VSP (Rev. A)