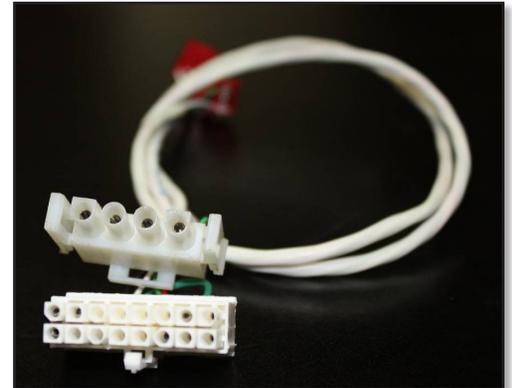


TECHNICAL NOTE
■ Changing out from GE 2.3 to Nidec PerfectSpeed DC Motors in the field

The ENVIRCO DC family of Fan Filter Units has previously used the GE 2.3 motor that was purchased by Regal Beloit. The older models have GE 2.3 motors that have become obsolete and are replaced with the new Regal Beloit model EON. The EON motor is currently being evaluated and you will be receiving a new manufactured motor named Nidec PerfectSpeed.

When you order a replacement motor they will be a form and fit replacement, except for the cable that connects to the control board and the motor. The new Nidec motor will require you to replace the cable. The old cable was a sixteen pin connector while the new motor cable will have a four pin connector as shown in the photo to the right.

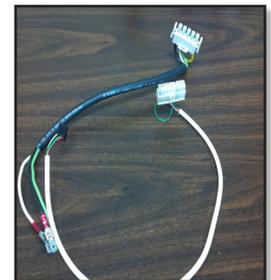
Please use the new cable with the new four pin connector to connect your new motor. The cable number will be determined by the build style of your unit.


New Cable Style
■ Nidec Part References

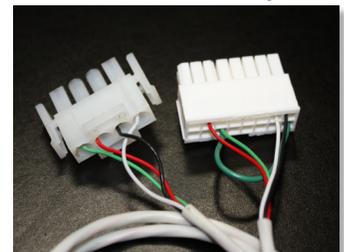
18 in Standard Build	63751-015
12 in RSRE Build	63751-016
15 ft Whip	63751-017

■ Old Cable References

The power cable, has remained the same for the new motor and will be reused. The rest of the fit and function will be a direct replacement. Follow the procedure in the IOM for motor swap for your particular FFU.


Old Cable Style
■ Contact Us

Contact ENVIRCO sales or technical team for any assistance needed.


Old Cable Style

TECHNICAL NOTE

■ MAC 10 Motor Cable Configurations

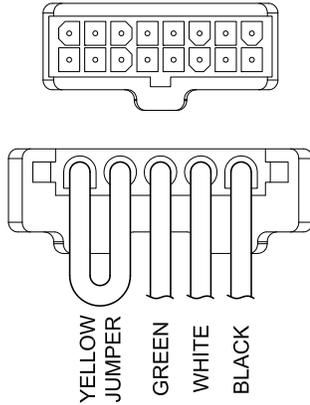


FIGURE 1
120V GE Motor
(with yellow jumper)

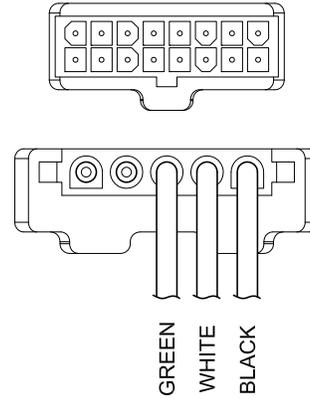


FIGURE 2
208-240V or 277V GE Motor
(without yellow jumper)

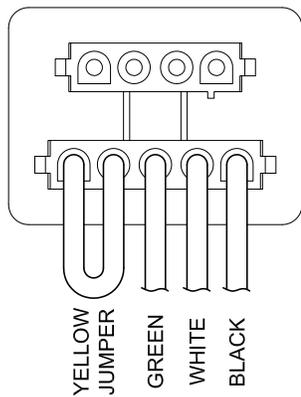


FIGURE 3
120V Nidec Motor
(with yellow jumper)

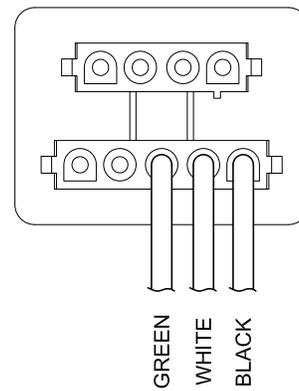


FIGURE 4
208-240V or 277V Nidec Motor
(without yellow jumper)