

Performance Bulletin

August 2008

High Efficiency DC Motor and 40 VA Transformer Update

As per our communication in Fleck® Performance Bulletin #578, Pentair Water strives to meet customer needs while providing products that meet industry requirements. In Bulletin #578, we covered the California Energy Commission (CEC) standard and what Pentair is doing to address it.

At this point, we have completed all required testing for Fleck's new high efficiency DC motor and 40VA transformer used on our commercial and Model 2510 control valves. Both the new DC motor and 40VA transformer have been tested and approved to the same high quality standards as the valve components they will replace. Please note that the new 40 VA will be physically smaller than the unit currently used.

Effective immediately (or as inventory depletes), all commercial transformers and AC motors, except for Fleck's mechanical 2900s and 3150 valves, will begin the transition over to the new 40VA transformer (Part No. 42469) and high efficiency DC motor.

Customers still requiring the larger 108VA transformers (Part No. 41034), should work with their Customer Service Representative to ensure this transformer remains available to meet their specifications. Please note that Pentair plans to obsolete the 108VA transformer by September 1, 2009.

The new high efficiency DC motor is a drop-in replacement for the current motor. There is no performance difference versus our current motor. Replacement part numbers are as follows:

Control Valve Model	Current Motor	Replacement Motor
2850, 2900, 3150	40385-no bracket	42582-no bracket
1500, 2510, 2750, 2850, 2900	41544-with bracket	42579-with bracket
2900 (lower drive)	40388	42580
3150, 3900	40391	42581

The old AC motor will no longer be available after existing inventory has been depleted.

See page 2 for a pictorial overview of the new transformer and DC motors.

If you have any questions, please contact your Sales Representative or Customer Service at 888.784.9065 or Tech Support at FleckTec@pentairwater.com.

Thank you, we appreciate your continued business.

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