

Problem : 3 phase fan running in wrong direction.
 Solution : Swap over cables connected to U1 & V1

Problem : Fan keeps tripping overload.

Solution : Check that overload is set to motor name plate current.

Solution : Check that all ductwork is fitted and clear.

Solution : Check that all dampers are open.

Solution : Check correct voltage on each phase
 ie 220VAC between U1 V1 W1 & Neutral.

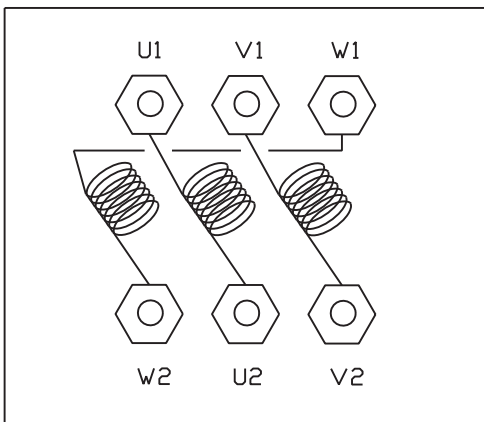
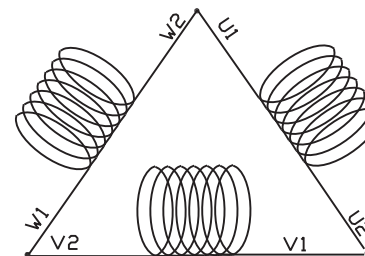
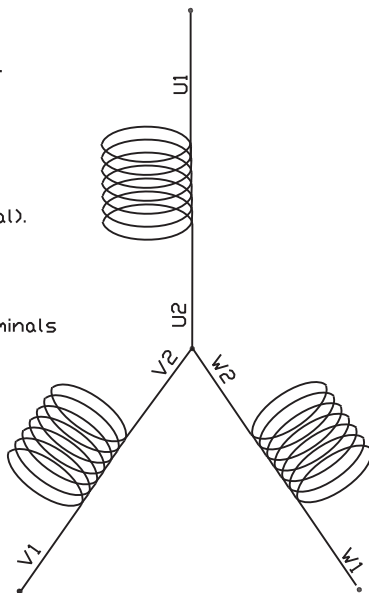
Solution : Check correct voltage between phases
 U1-V1, U1-W1 & V1-W1 at panel (all should be 380VAC).

Solution : Check correct current on each phase (all should be equal).

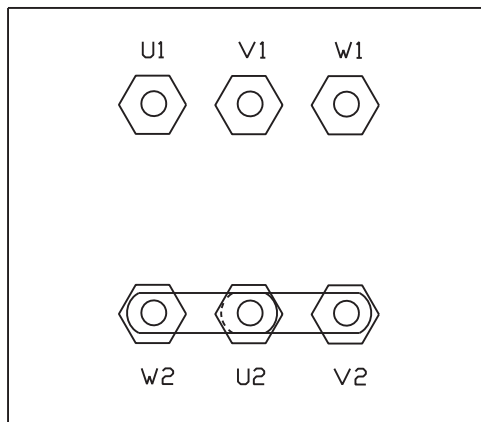
Solution : With the power turned off, check resistance between
 U1-V1, U1-W1 & V1-W1 at panel (all should be equal).

Solution : With the power turned off, check resistance between
 U1-U2, V1-V2 & W1-W2 at motor (all should be equal).

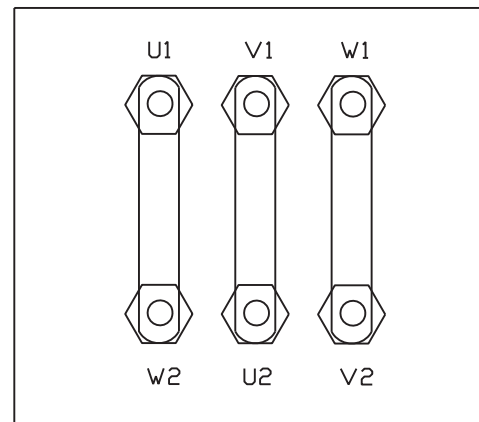
Solution : Check that all terminations are tight, including panel terminals
 and devices.



INTERNAL MOTOR CONNECTIONS



STAR MOTOR CONNECTIONS & LINKS



DELTA MOTOR CONNECTIONS & LINKS

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						PRODUCTION				
						AS BUILT				
CLIENT						DRAWN	David Curry		TITLE	JOB NO.
CONSULTANT						DATE				
P.O. NUMBER						DISK	PC4/C1		REFERENCE	PAGE OF
DATE						NAME				



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