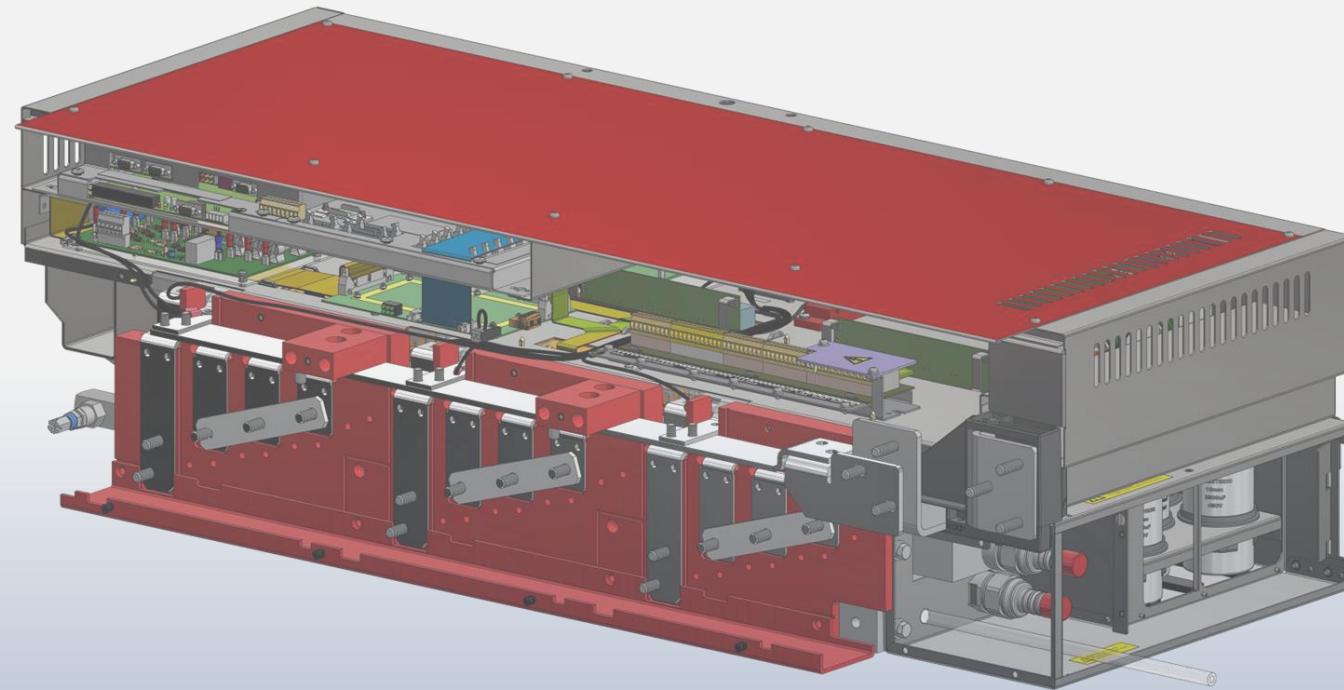
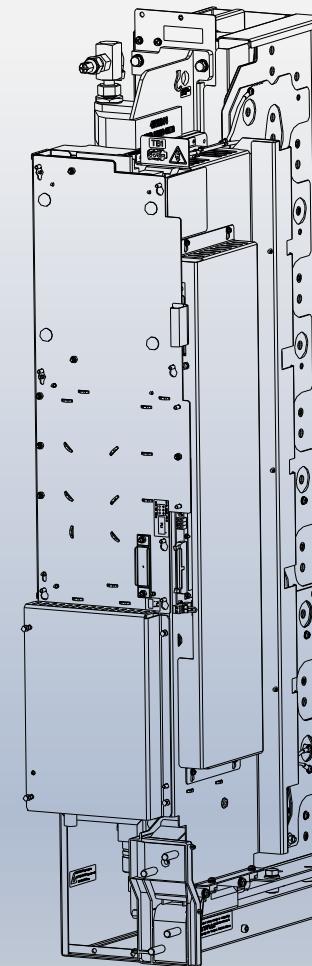
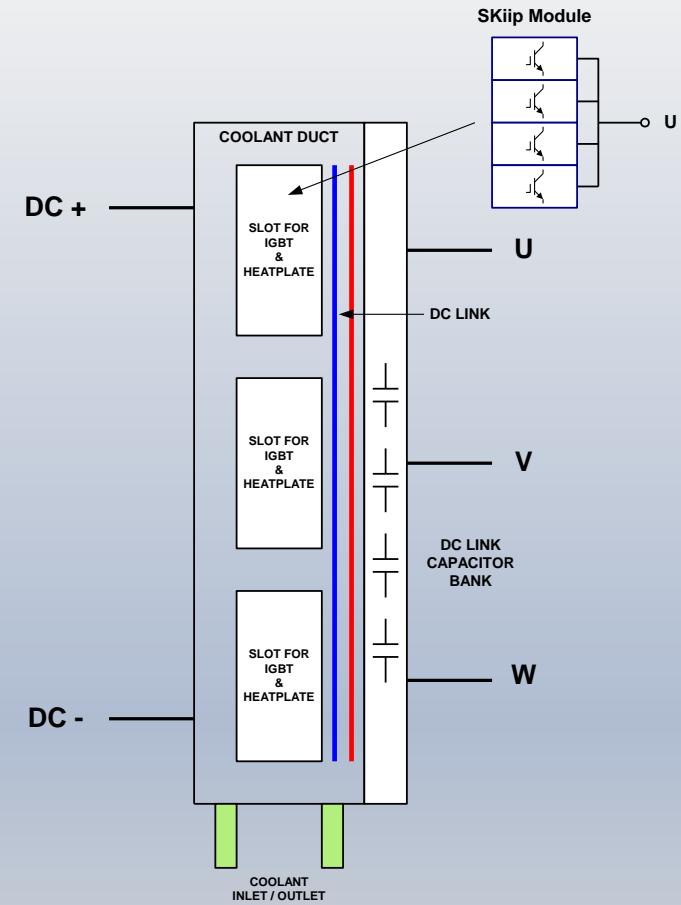


LIQUID COOLED AED UNITS FROM AVID CONTROLS

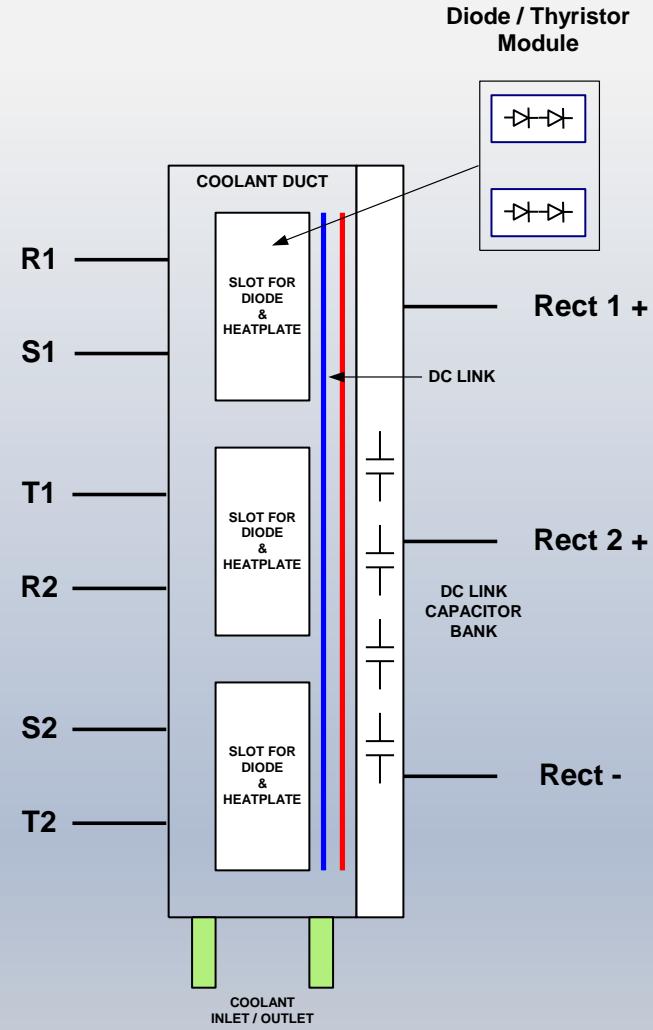
AVID
CONTROLS®



STRUCTURE OF REGULAR DELTA MODULE

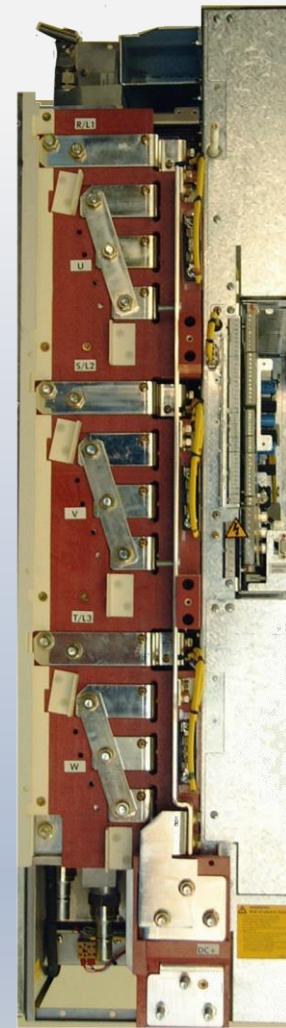
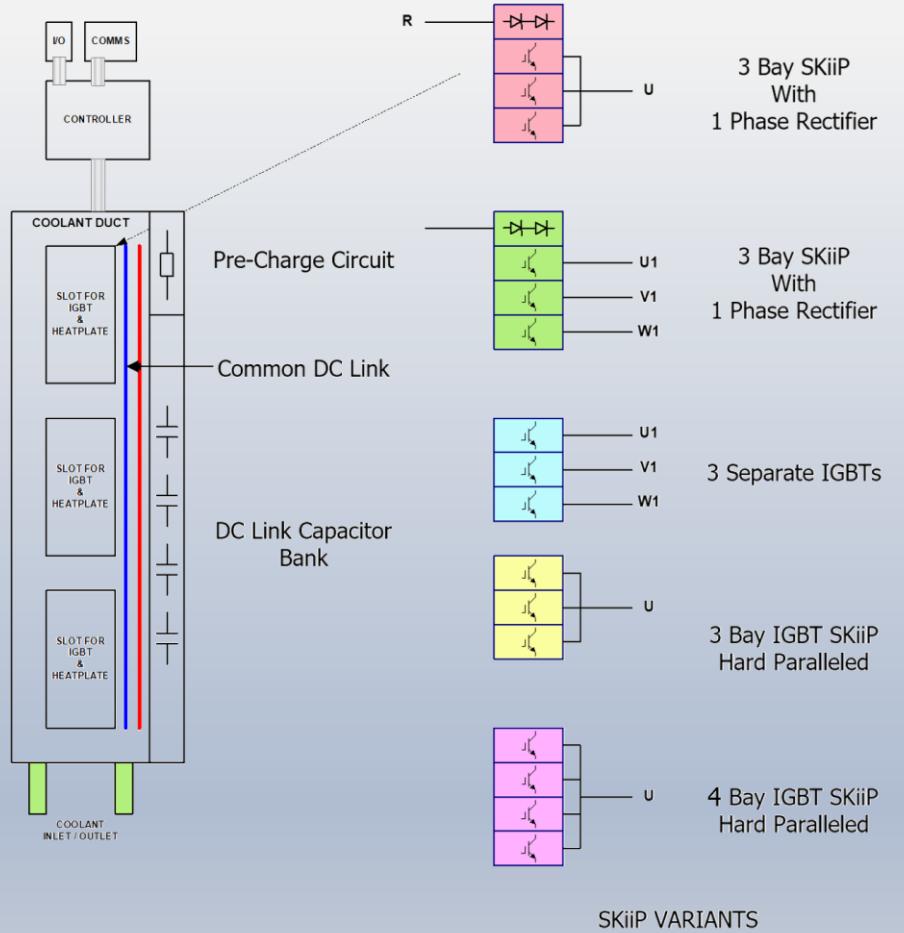


STRUCTURE OF REGULAR RECTIFIER MODULE



BUILDING BLOCKS OF LIQUID COOLED AED

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CONTROLS®

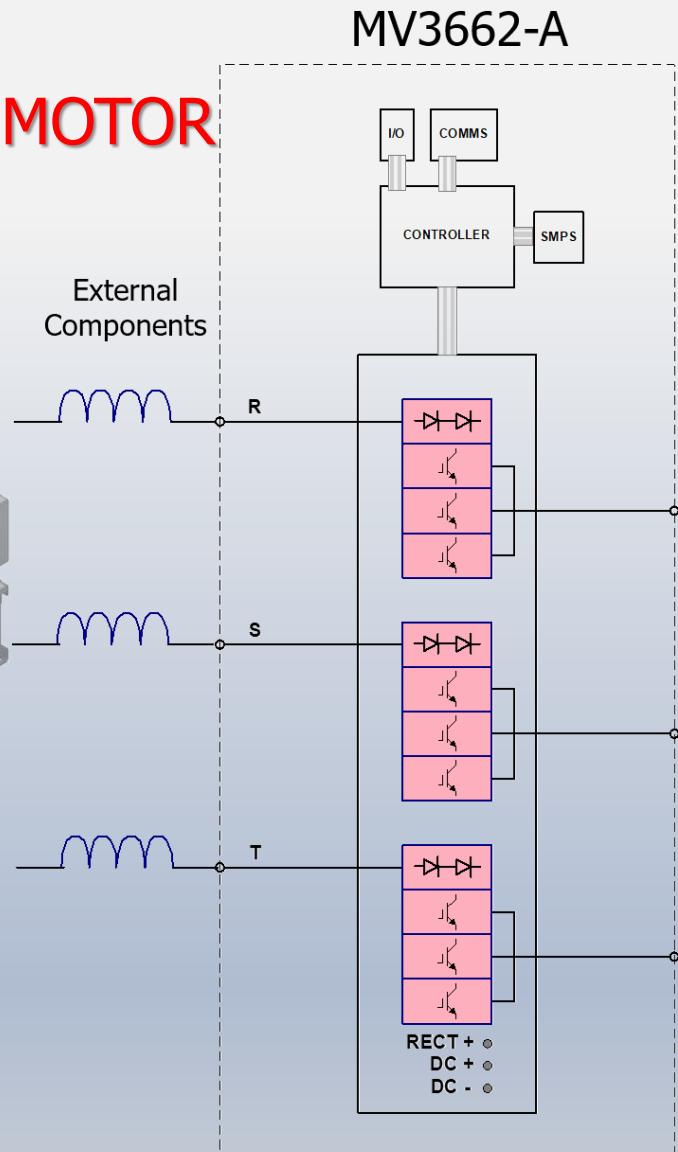
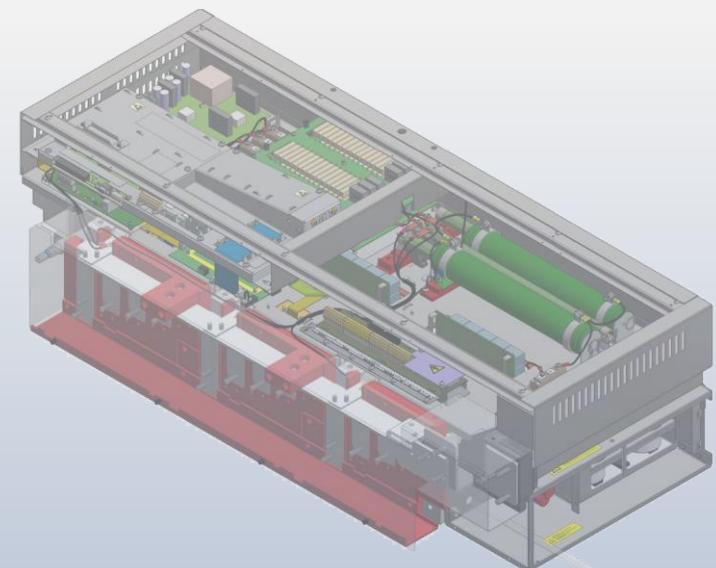


The LC BDM uses the identical coolant duct – but with a choice of different types of SKiiP modules to make an array of new products with different connection possibilities.

e.g.

- Single motor output with rectifier
- Three motor output with rectifier
- DC fed versions of above

AC IN, AC OUT, 1 MOTOR



In the single motor LC BDM, 3 x single phase SKiiPs each have a local rectifier enabling a 3-Phase drive to be made with a 6-pulse input rectifier.

The addition of an external input line reactor and coupling to a liquid cooling circuit completes the drive.

The modules are available in two ratings:

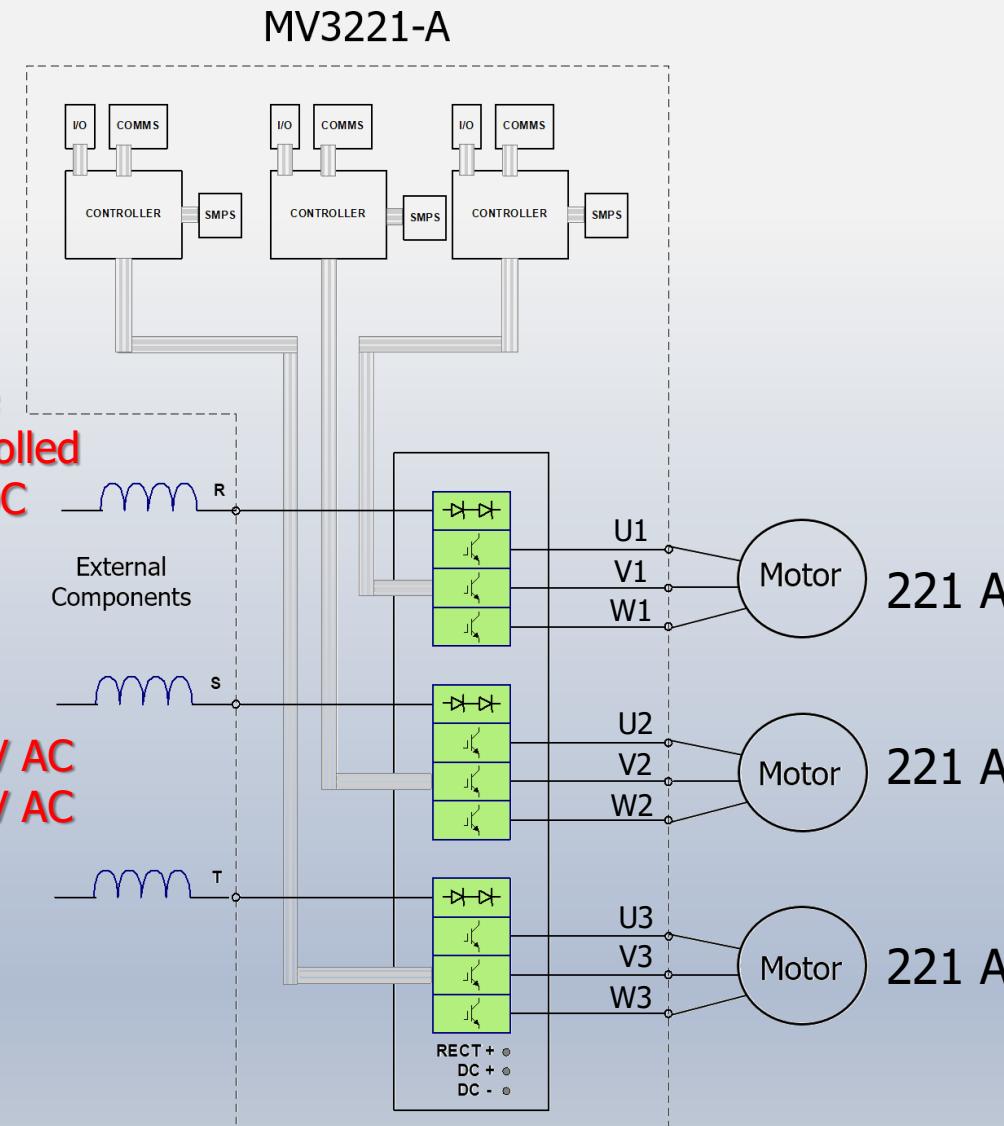
- MV3662-A4-A nominally rated at 440/480V
- MV3662-A6-A nominally rated at 600/690V

AC IN, 3 X AC OUT, 3 MOTOR

By using 3 x 3 Phase SKiiPS and 3 controllers, the one module can control 3 motors - all independently controlled and fed from the one 6-pulse rectifier on a common DC link.

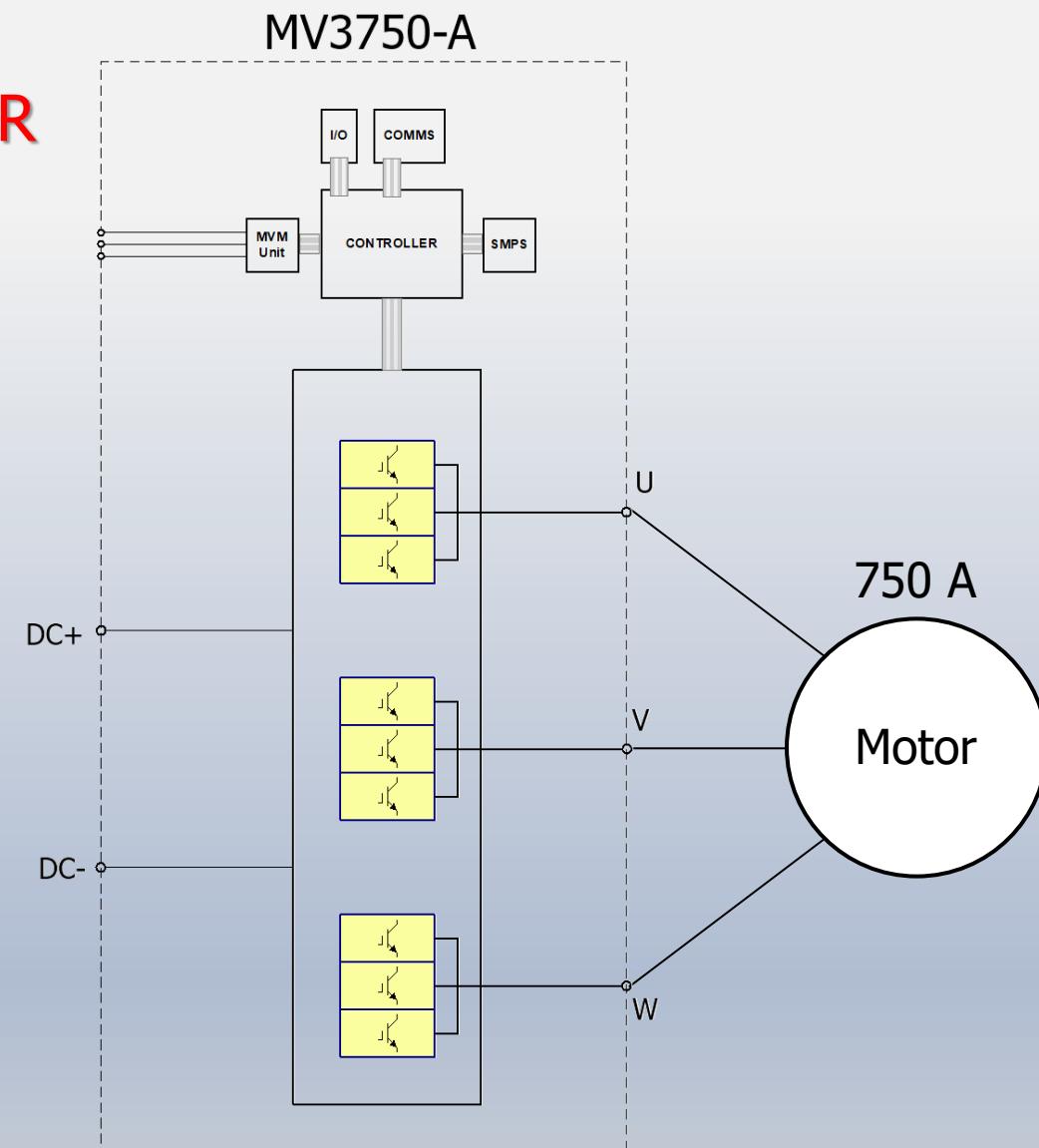
The modules are available in two ratings:

- MV3221-A6-A which is nominally rated at 600/690V AC
- MV3221-A4-A which is nominally rated at 440/480V AC



DC IN, AC OUT, 1 MOTOR

A 3-Phase drive DC fed

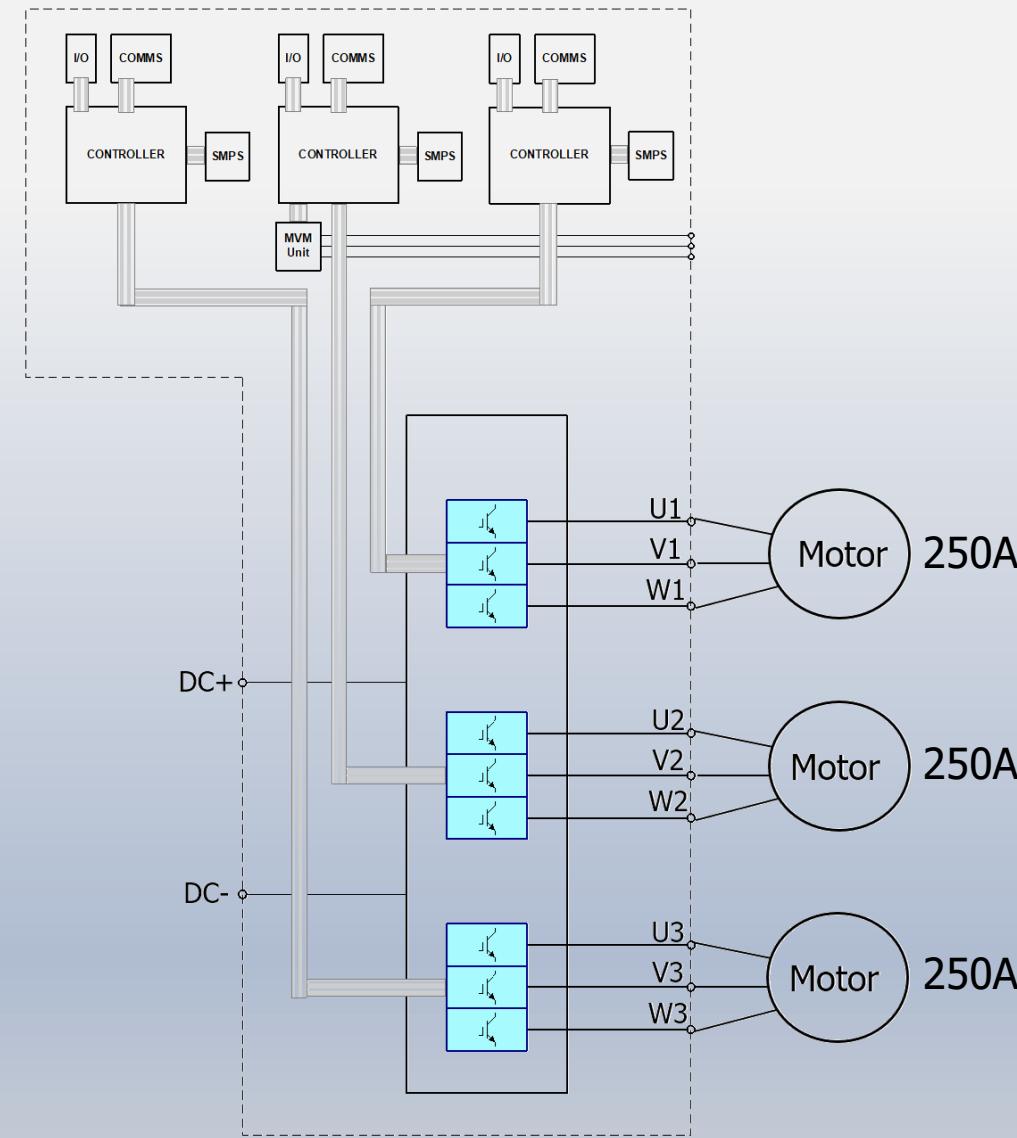


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DC IN, 3 X AC OUT, 3 MOTOR

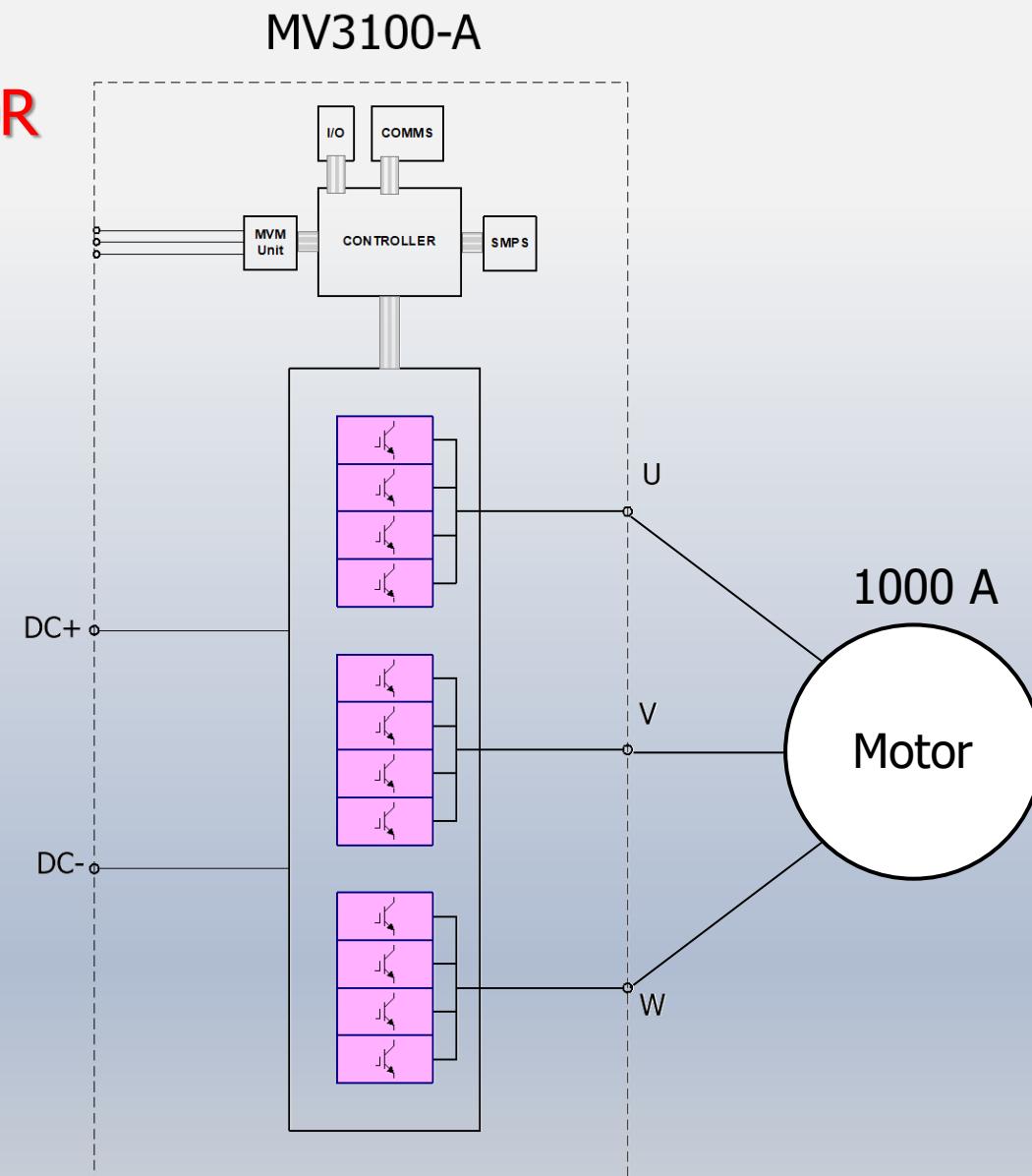
3 x 3 Phase drives DC fed

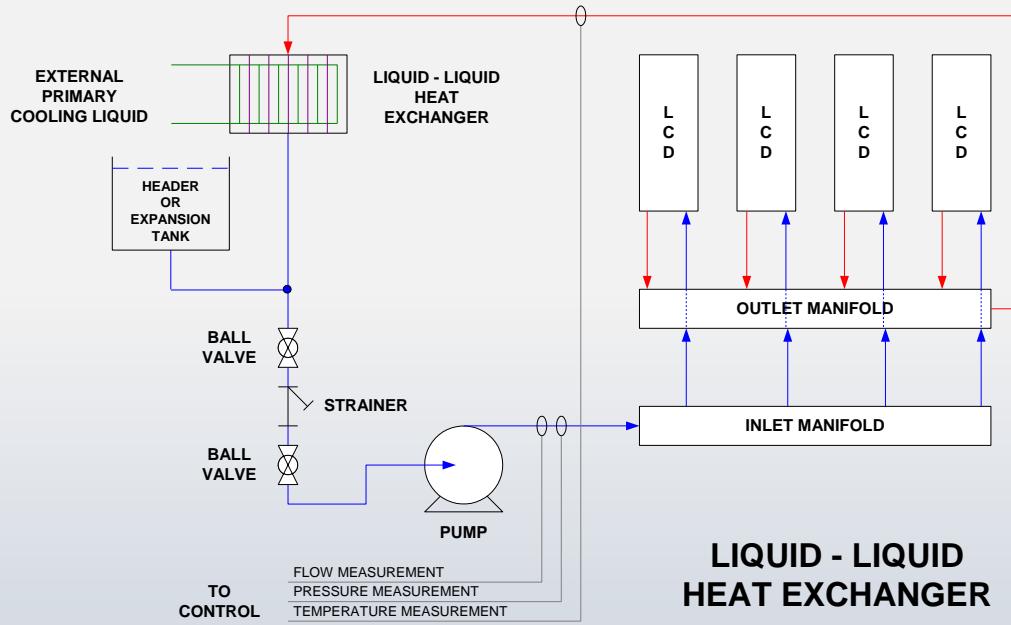
MV3250-A



DC IN, AC OUT, 1 MOTOR

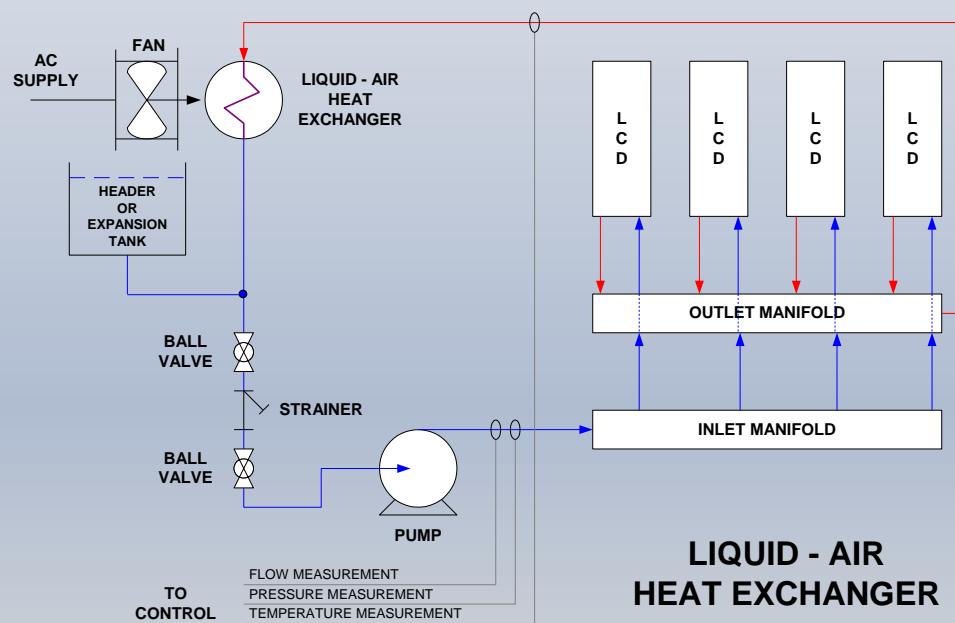
A larger 3-Phase drive DC fed





Liquid Cooling...

- Water/Glycol coolant
- 25 liters/min
- Use with external pump and heat exchanger
- Connection via Staubli self sealing connectors





Thank you for your time. Please
contact us at
sales@avidcontrolsinc.com