



VX installed on steel structure above surface

Standard VX units are installed on 2 I beams, directly on the concrete floor as indicated on the picture below.



If VX units are installed on a steel structure above ground level several precautions must be considered. If the unit is installed more than 300mm above surface it is necessary for safety reasons to install a solid bottom panel to provide protection from moving parts (sheaves, belts, motors, fan wheels, shafts,...). Furthermore this solid bottom is required to ensure air is drawn horizontally into the cooling tower and not from the bottom. If bottom air is considered a reduction in air resistance to the fans occurs, resulting in higher air flow hence increased absorbed motor power. **To avoid fan motor overload in these cases a reduction of fan speed is required (change motor pulley) to obtain normal motor current and airflow.** See pictures below for clarification. The above is also mentioned under the Application Guidelines in the Product & Application Handbook.

