**Fan Motor**: 3 phase, 72 hp, 480/520V, 60 Hz

**Total weight**: 2,661 lb

**Water flow requirements**: 8 gal/min at 70 - 75 psi
MONITORING SYSTEM

The Monitech “AquaGuard” water pressure, water flow, motor vibration and bearing heat monitoring system is specifically designed to work in-line with the MkII CDC International scrubber to minimise potential failure of the motor and assist in maintaining optimum operating conditions during dust suppression.

Scrubber units shipped with a fully wired and mounted Aqua Guard monitoring system
Water flow and pressure monitoring
Fan motor has built-in RTD & PTC sensors
Newly potted control elements to minimise negative impacts of extreme weather conditions
RTD & PTC monitoring* (Newly available in 2011 following IS approval)
Vibration sensors optional* (New look display panel* Extra channel*)

The all-new wet fan scrubber boxes were developed using state-of-the-art computer simulations programs to design a high efficiency, low inertia axial fan driven by an all-new water cooled electric motor, coupled to CDC’s highly efficient mist eliminator vanes to produce a compact, low weight scrubber box with low power and water consumption to give high performance and efficiency. The design allows for easy installation and maintenance and fast change of the fan assembly should this become damaged.

OPERATING PRINCIPLES

The long life, low maintenance electric motor is certified for ‘Class 2 Division 1 Category F’ and MHSA certified.

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PERFORMANCE CURVE

The MkII (CT) 640-22000 fan performance curve