

MODEL 20/80-C Concentrate Disinfection

Concentrate disinfectants are mixed with water. Each disinfectant has a dilution ratio that is required to be effective in removing specific pathogens. Dilution ratios are expressed as 16 to 1, 32 to 1 128 to 1 etc.. Typically the numbers are in oz. The first number is the number of oz. for water. The second number is the number of disinfectant oz.

Disinfectants also have a contact or dwell time that can vary from 1 minute to 10 minutes. This is the time the surface needs to stay wet with the disinfectant to be effective. One outstanding benefit when disinfecting with **HUBSCRUB** is equipment surfaces will stay wet for the required time to be effective. Disinfecting using a wipe or spray bottle (if a spray bottle can be used) will most often not result in the equipment staying wet for the required time.

Depending on the disinfectant type the model 20/80-C will yield 75 to 300 disinfectant cycles per gallon. **HUBSCRUB** will be programmed for the disinfectant dilution ratio and contact time. Once programmed, all dispensing is done automatically. The disinfectant will be sprayed onto the equipment through spray nozzles that are attached to the rotating spray system.

To accommodate different disinfectant ratios, **HUBSCRUB** uses a dilution tank. The disinfectant is first dispensed into a dilution tank and by using flow rates and level switches, water is added to arrive at the dilution ratio required.

HUBSCRUB supports a number of concentrate disinfectant types – Quaternary, hydrogen peroxide based, phenol, alcohol, etc.

Safety Data Sheet available on request

Complete listing of pathogen claims available on request