

New (Sept 2009) updated range:

MST DRYSAN-‘ss’ RANGE

'DRY' SANITISER OR HUMIDIFIER

(Suitable for HATCHING EGGS and / or enclosed Bio Security areas)

Recommended Machine Model:

That will suit your room volume: using 15 - 30 minutes operation time

(Replacement for formaldehyde fumigation)

MST DRYSAN generates a fine 'DRY' ultrasonic particle (7 – 10 microns) reaching and disinfecting ALL contact surfaces.

It's simple to operate and cost effective without risk of condensation.

Suitable for total treatment and Bio Security issues using the appropriate application chemical covering machine selection for the following:

- FOR SMALL ROOM OPERATION
- LARGER ROOM OPERATION
- FOR TRANSPORTING OPERATION

ALTERNATIVE USAGE:

DRYSAN can also be used for fine humidity control using local sensor controls to energize the DRYSAN



(DRYSAN-SS MINI)

MST DRYSAN-SS (RANGE) - 220 / 240 Vac 50/60Hz

Application - transforming any suitable liquid chemical into a fine dry gas.

All units fitted with swivel portable caster system and timer - (9x3 or larger are also supplied with 30Ltr header tank)

All units suitable for internal or external operation

| DRYSAN-SS SPEC. | MINI | MINI TWIN | 9 X 3 | 9 X 4 | 9 X 5 | 9 X 6 | 9 X 10 |
|--------------------------|---------------------------------------|---------------------------------------|---------------------------------------|-----------------------------|------------------------------------|-----------------------------|------------------------------|
| VOLUME OUTPUT / HR ** | (CuM / CuFT) 30 / 1 000 | (CuM / CuFT) 60 / 2 000 | (CuM / CuFT) 90 / 3 000 | (CuM / CuFT) 120 / 4 000 | (CuM / CuFT) 150 / 5 000 *** | (CuM / CuFT) 180 / 6 000 | (CuM / CuFT) 300 / 10 000 |
| CHEMICAL USAGE / HR. *** | 0.5 LITRE ** (1 pt US) | 1 LITRE ** (2 pt US) | 1.5 LITRE ** (3 pt US) | 2 LITRE ** (4 pt US) | 2.5 LITRE ** (5 pt US) | 3 LITRE ** (6 pt US) | 5 LITRE ** (10 pt US) |
| TIME RANGE | 0-2 HOURS | 0-2 HOURS | 0-6 HOURS | 0-6 HOURS | 0-6 HOURS | 0-6 HOURS | 0-6 HOURS |
| TANK CAPACITY | (LITRE/PINTS) 4 / 7 | (LITRE/PINTS) 12 / 21 | (LITRE/PINTS) 18 / 31 | (LITRE/PINTS) 24 / 42 | (LITRE/PINTS) 30 / 52 | (LITRE/PINTS) 36 / 63 | (LITRE/PINTS) 60 / 100 |
| UNIT WEIGHT | 16kg./35lbs | 30kg./66lbs | 40kg./88lbs | 50kg./110lbs | 60kg./132lbs | 70kg./154lbs | 70kg./154lbs |
| (POWER) 220 VAC 50/60HZ | 4 AMP (* OPTION) (12 or 24 VDC) | 6 AMP (* OPTION) (12 or 24 VDC) | 7 AMP (* OPTION) (12 or 24 VDC) | 8 AMP | 9 AMP | 10 AMP | 16 AMP |
| (DIMENSIONS) WIDTH | (CM / INCHES) 36 / 14 | (CM / INCHES) 76 / 30 | (CM / INCHES) 90 / 36 | (CM / INCHES) 110 / | (CM / INCHES) 130 / 43 | (CM / INCHES) 150 / 59 | (CM / INCHES) 190 / 75 |
| HEIGHT | 61 / 24 | 61 / 24 | 76 / 30 | 76 / 30 | 76 / 30 | 76 / 30 | 76 / 30 |
| DEPTH | 28 / 11 | 28 / 11 | 37 / 15 | 37 / 15 | 37 / 15 | 37 / 15 | 37 / 15 |
| Timer /castors/SS | inclusive | inclusive | inclusive | inclusive | inclusive | inclusive | inclusive |
| (SHIPPING) | 0.12 CuM@30kg | 0.25CuM@40kg | 0.31CuM@50kg | 0.4 CuM@60kg | 0.47CuM@70kg | 0.6 CuM@80kg | 0.8 CuM@110kg |

** Volume may vary according to chemical type viscosity characteristics'

*** Timing of the application may be subject to chemical being used with adjustments to nominal operation times

INSTALLATION

Connected to suitable electrical supply

220-240vac 50/60Hz (single fuse trip EC) or 220-240vac 50/60Hz via 2 x hot legs @110-117vac (double pole breaker USA)

Sited inside application room (or eternally and piped through the wall if non pressurized)

The DRYSAN will dispense atomized chemical from via its internal fitted fan.

CONSTRUCTION

Main fabrication in Stainless Steel with ceramic disc's for long life.

(Machines 2009 onwards) The Atomizers / Machine are stainless allowing greater operational PH range).

OPTIONAL

Transport Systems (24DC or 12VDC INVERTER with anti splash

CHEMICALS

ONLY non oil base chemical may be used with DRYSAN.

This fine and dry application economizes chemicals usage, and extends usage to Areas where not previously usable.

Chemicals are normally applied between X4 to X6 conventional usage rates unless otherwise advised accordingly by your microbiologist or chemist.

MST are in the position to pre check the usage compatibility by forwarding a sample? [Check local chemical](#)

DRYSAN usage: The Chemical and this application usage and performance is governed by the specific chemical properties.

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Other: (Units pre 2009) Machines may be upgrades at cost or preferential trade-in ** to include the latest specifications.

REF: MS130809