

SPECIFICATIONS AND DIMENSIONS

- **Code N.:**
9STPGDS36
- **Electrical supply:**
230 V/50 Hz - 115 V/60 Hz
- **External dimensions:**
1100 x 870 x 1985 mm (w x d x h)
- **Chamber dimensions:**
1000 x 630 x 710 mm (w x d x h)
- **Weight:**
190 Kg
- **HEPA filter efficiency H-14 EN 1822 (MPPS):**
99.995%
- **Pre-filters "G4" (2 pcs):**
Am = 95% (Average synthetic dust weight arrestance)
- **Rigid bag pre-filter "F7":**
Em = 85% (Average atmospheric dust spot efficiency)
- **Exhaust air volume:**
1350 ± 10% m³/h
- **Power:**
4.5 A
- **Power consumption:**
1,0 KVA
- **Noise level:**
60 dB(A)
- **Air curtain velocity:**
≥ 0.60 m/s
- **Waste bag trolley volume:**
60 Litres



TECNIPLAST

Headquarters and Italian operations:
TECNIPLAST S.p.a. • Italy
Tel. +39 0332 80 97 11 • Fax +39 0332 45 83 15
www.tecniplast.it • E-mail: tecnicom@tecniplast.it

TECNIPLAST DEUTSCHLAND GmbH
Tel. 08805 921320 • Fax 08805 9213299
E-mail: info@tecniplast.de • http://www.tecniplast.de

TECNIPLAST UK Ltd.
BCM Box 3058 • London WC1N 3XX • Tel. 0845 0504556
Fax 0845 0505557 • E-mail: info@tecniplastuk.com

TECNIPLAST FRANCE S.A.
Lyon • Tel. 04 72 52 94 41 • Fax 04 72 17 02 66
http://www.tecniplast.fr

TECNIPLAST USA Inc.
P.O. Box 1457 • Exton, PA 19341
Toll Free (U.S. & Canada): 877.669.2243
E-mail: info@tecniplastusa.com • http://www.tecniplastusa.com

TECNIPLAST AUSTRALIA Pty. Ltd.
P.O. Box 41, Rydalmere BC Australia 1701
Tel. + 61 2 8845 6500 • Fax + 61 2 8845 6505
E-mail: info@tecniplast.com.au

For other countries please consult our web site: www.tecniplast.it.



CATOBIBING - 06/08 - REV.01

DS36

ANIMAL BEDDING DISPOSAL STATION

FULLY OPEN FRONT FOR EASY ACCESS!



TECNIPLAST
innovation through passionSM

DS36: THE BEDDING DISPOSAL STATION DESIGNED TO PROTECT THE OPERATOR AGAINST EXPOSURE TO ALLERGENS AND FROM AIRBORNE CONTAMINANTS GENERATED DURING BEDDING DISPOSAL OPERATIONS.

- **DS36** provides maximum operator comfort thanks to its spacious access opening.
- **DS36** is a compact mobile system for disposing dirty mice and rats bedding, easily transportable through doorways and fitting snugly even in the smallest spaces.
- **DS36** features a waste bag trolley and a sliding reduction funnel allowing the operator to simplify waste bag removal under constant protection.



- DS 36 helps manage and control the levels of contamination generated during the dumping of cage bedding and animal waste, resulting in a higher level of protection for operators.



- When the bag is closed the plastic bin can be wheeled out of the front doors.

ALARMS:

- An acoustic and optical alarm system indicates the alarm conditions, reducing the risk for the operator and the environment from potentially hazardous micro-organisms, in line with the European Machinery Directive and International Standards.

SPACIOUS WORKING AREA:

- A large access opening provides a spacious interior to improve the cabinet's usability.
- Stainless steel work top with sliding reduction funnel and side lever to increase or reduce the reduction funnel opening allowing the operator to simplify waste bag removal under constant protection.



GRAPHIC DISPLAY:

- Eye-level soft touch pad control with luminescent graphic display located in an easily accessible position. Thanks to the graphic display, a menu with diagnostics enables the operator to check the conditions of the HEPA filter and to receive precise updates on scheduled maintenance, the established date of replacement and the date of the last DOP test carried out.

scheduled maintenance, the established date of replacement and the date of the last DOP test carried out.

* Internal light to give full visibility to the user.

TWO LEVELS OF PRE-FILTRATIONS:

- The first level is achieved by two "G4" pre-filters with an average arrestance of Am=95% (Average synthetic dust weight arrestance) which trap large particulates. These pre-filters are located behind the stainless steel swing panel that protects them from possible damage due to direct contact with the animal cage inside the working area. The second level is achieved by a rigid bag "F7" pre-filter immediately behind the "G4" pre-filters. The rigid bag filter, thanks to the high filtration surface and the low pressure, provides an elevated contact surface for the containment of fine dusts. The efficiency of the rigid bag pre-filter is Em = 85% (Average atmospheric dust spot efficiency). Thanks to this high efficiency of pre-filtration the inner duct of the cabinet stays very clean, thus prolonging HEPA filter life.

- 1) Open the swinging panel for ease of access to pre-filter housing for changing from within the unit whilst protected by the flow.



- 2) 1st level including 2 pre-filters (G4 efficiency).
- 3) 2nd level including 1 rigid bag filter (F7 efficiency).



FUNCTIONAL DESCRIPTION:

- The air from the environment is drawn into the front access opening of the station at an average speed of 0.6 m/s creating a uniform barrier.
- Thanks to the high velocity of the air, close to the emission point, air-borne bedding dusts are captured precisely and led to the exhaust air system.
- The air curtain protects the personnel and the surrounding room from bedding emissions in order to guarantee the optimal protection of people and room from allergens.
- Before being exhausted, the air is drawn through a pre-filter, a bag-filter and a HEPA filter.

Environment Air Pre-Filtered Air HEPA filtered Air