

# PROTECTED ANIMALS UNIT

Stainless Steel Models: UA-I, UA-3

## General Features

*New Series of Protected Animal Units in AISI  
304 Stainless Steel.*

**Model UA- Type I** two configurations available:

- ✓ A SINGLE COMPARTMENT with THREE interior shelves and FOUR DOORS.
- ✓ FOUR INDIVIDUAL COMPARTMENTS with EIGHT DOORS.

**Model UA- Type 3:** one configuration available:

- ✓ THREE INDIVIDUAL COMPARTMENTS with SIX DOORS.

In all models, it is possible to double the cage capacity by adding SECONDARY units, utilizing the filtration system of the PRIMARY unit.

The units are equipped with 4 wheels, two of which have brakes for mobility, allowing these units to be moved to an area other than the storage area for cleaning.

UA units can operate:

- ✓ In **POSITIVE PRESSURE mode**, for the protection of animals, e.g., immunocompromised, SPF, etc.
- ✓ In **NEGATIVE PRESSURE mode**, which protects the environment and laboratory staff, e.g., infected animals in laboratory testing.



Model UA- Type I  
UAIN-I + LIGHT CYCLES + HEATING



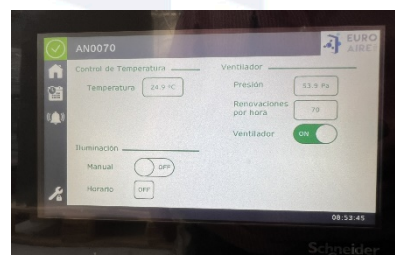
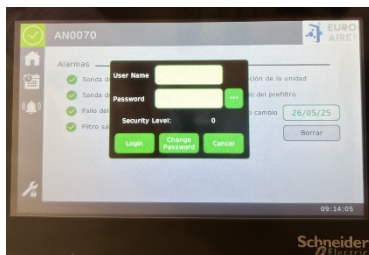
Model UA- Type 3  
UAIN-3 + CARBON

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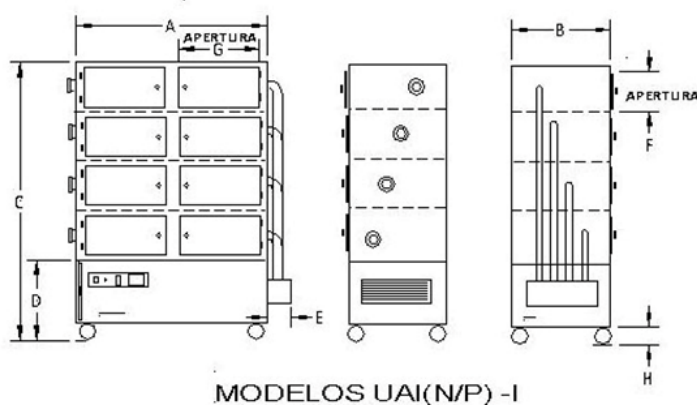
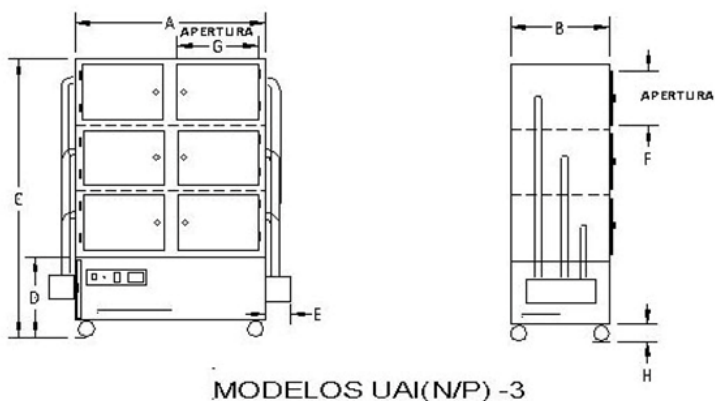
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### Technical Specifications

- High-performance, ultra-quiet air supply motor. Capable of supplying two storage units (MAIN and SECONDARY).
- Adjustable differential pressure between 1 and 10 mm H<sub>2</sub>O. Pressure is monitorable via a pressure gauge.
- Air changes adjustable by the user between 100 and 500 per hour.
- The STORAGE AREA is constructed of AISI 304 stainless steel. The FILTRATION AREA is constructed of epoxy-coated steel.
- Transparent doors that can be removed without tools for easy cleaning.
- ULPA/HEPA filter with 99.9995% efficiency for sterilizing the exhaust air from the animals (NEGATIVE PRESSURE) or sterilizing the air supplied to the animals (POSITIVE PRESSURE).
- Autonomous alarm system for motor failures and/or power outages with the option of remote connection (OPTIONAL).
- Air deodorization system using an ACTIVATED CARBON filter cartridge (OPTIONAL).
- Equipped with lighting featuring light cycles and darkened doors. (OPTIONAL)
- Heating system for the entire unit. (OPTIONAL)
- Touch panel to indicate Information and configuration parameters.



### Dimensions and capacities



CODE/mm	A	B	C	D	E	F	G	H	WEIGHT
00-UA xx -I AC	1110	575	1835	540	165	540	345	110	188 kg
00-UAI xx -I AC	1110	575	1835	540	165	250	345	110	195 kg
00-UAI xx -3	1310	750	1890	540	165	380	555	110	205 kg

CODE/cages	Type I	Type II	Type II L	Type III	Type IV
00-UA xx -I AC	48	32	24	16	---
00-UAI xx -I AC	48	32	24	16	---
00-UAI xx -3	63	36	27	18	6

# PROTECTED ANIMAL UNIT

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### Order Information

Code	Description	External Dimensions width x depth x height
00-UAP-I AC	STAINLESS STEEL ANIMAL PROTECTION UNIT, 1 COMPARTMENT, 4 DOORS, POSITIVE PRESSURE	1430 x 575 x 1835 mm
00-UAN-I AC	STAINLESS STEEL ANIMAL PROTECTION UNIT, 1 COMPARTMENT, 4 DOORS, NEGATIVE PRESSURE	1430 x 575 x 1835 mm
00-UAIP-I AC	STAINLESS STEEL ANIMAL PROTECTION UNIT, 4 INDIVIDUAL COMPARTMENTS, 8 DOORS, POSITIVE PRESSURE	1430 x 575 x 1835 mm
00-UAIN-I AC	STAINLESS STEEL ANIMAL PROTECTION UNIT, 4 INDIVIDUAL COMPARTMENTS, 8 DOORS, NEGATIVE PRESSURE	1430 x 575 x 1835 mm
00-UAIP-3	STAINLESS STEEL ANIMAL PROTECTION UNIT, 3 INDIVIDUAL COMPARTMENTS, 6 DOORS, POSITIVE PRESSURE	1640 x 750 x 1890 mm
00-UAIN-3	STAINLESS STEEL ANIMAL HOLDING UNIT, 3 INDIVIDUAL COMPARTMENTS, 6 DOORS, NEGATIVE PRESSURE	1640 x 750 x 1890 mm
00-UAS-I AC	SECONDARY UNIT FOR UAP/N-I STAINLESS STEEL WITH SUPPORT	
00-UAIS-3 AC	SECONDARY UNIT FOR UAIP/N-3 STAINLESS STEEL WITH BRACKET	
Code	Description Options	
51-MANOCAB	DWYER MINIHELIC PRESSURE GAUGE	
00-UALAR	AUTONOMOUS FAULT ALARM SYSTEM (ONE ANIMAL ROOM ONLY)	
00-UACAR+ AC	ACTIVATED CARBON (1 UNIT) FOR UA-I POSITIVE PRESSURE. AC. STAINLESS STEEL	
00-UACAR-	ACTIVATED CARBON (1 UNIT) FOR UA-I AND 3 NEGATIVE PRESSURE	
00-UAICAR+ AC	ACTIVATED CARBON (4 AND 3 CARTRIDGES) FOR UAI-I AND 3. POSITIVE PRESSURE. STAINLESS STEEL	
00-UAICAR-	ACTIVATED CARBON (4 AND 3 COMP) FOR UAI-I AND 3. NEGATIVE PRESSURE	
00-UACAL	HEATING SYSTEM FOR UA	
00-UALUZ-ITI	COMMON LIGHT CYCLES (1) WITH DOORS (8) DARK FOR INDIVIDUAL ANIMAL HOUSING. ITI MODEL FOR UA-I	
00-UALUZ-ITI 3	COMMON LIGHT CYCLES (1) WITH DARK DOORS (6) FOR INDIVIDUAL ANIMAL HOUSING. ITI MODEL FOR UA-3	
Code	Description Spare Parts	
52-UA112	SPECIAL ROUND PRE-FILTER 11 CM (UNIT)	
60-PREFI5236	UA -I PET PRE-FILTER 360X520 MM (UNIT)	
60-UA120	UA - II AND 3 ANIMAL PRE-FILTER 350X700 MM (UNIT)	
60-H303069	HEPA FILTER 305 X 305 X 69 MM (UNIT)	
60-H306169	305 X 610 X 69 MM HEPA FILTER (UNIT)	

"All information, specifications, dimensions, and electrical data shown in TDI's commercial documents and data sheets are for guidance only and are not binding; therefore, they are subject to change according to each customer's needs and provided that applicable regulations permit it."

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