

CATTANI
AIR TECHNOLOGY



Notice

Any return must be authorized beforehand; only new and recently supplied items will be accepted. Claims are to be notified within 8 days from receipt of goods.

Technical updating

The manufacturer reserves the right to modify the products for technical, normative and functional reasons or for problems due to the availability of products or semi-finished products, without prior notice.

Dimensions, technical specifications and pictures are not binding.

Warranty

All our appliances are guaranteed for 12 months from date of sale (except oil-less compressors: 3-year warranty), provided that the warranty slip is sent back to the manufacturer and that warranty conditions mentioned in the slip are fulfilled.

Warranty does not cover the external hoses of tip supports. Cleaning, disinfection and maintenance are indispensable to grant long life to the aspirator. In case cleaning/disinfection/maintenance interventions are not carried out regularly, warranty cannot be applied to the machine. Warranty ceases in case appliances are treated with unsuitable products.

New items

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DENTAL EQUIPMENT

COMPRESSORS WITH CE CERTIFICATIONS

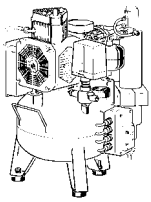
Standard specifications of all oil-less compressors

- All CATTANI/ESAM standard compressors are oil-less and equipped with 4 filters, which guarantee high-quality pure dry compressed air.
- On demand the sterilizing filter can be fitted to all models.
- Tanks are coated with alimentary resin for a good conservation of the air.
- The asynchronous motors are manufactured according to I.E.C. - EN - 60034 regulations - 1 (2006-5) and UL 1004 for North America.
- The noise-reducing plastic cover reduces the sound pressure level from 4 to 9 dB (A), according to the compressor model.

ONE-CYLINDER COMPRESSOR

Without air drier

Item 070170 (230V 50Hz 1-)
Item 070183 (220V 60Hz 1-)



Single-phase motor 50 Hz - 0.55 kW - 3.8 A.
Single-phase motor 60 Hz - 0.65 kW - 4.7 A.
Air tank 24 litres.
Produced air with delivery pressure at 5 real bar: 67.5 N l/min.
Sound pressure level 70 dB (A).
W= 505 mm D= 550 mm H= 735 mm
Net Weight= 38.5 kg Gross Weight= 52 kg

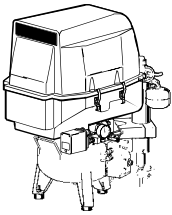
With air drier

Item 070130 (230V 50Hz 1-)
Item 070107 (220V 60Hz 1-)

Net Weight= 44 kg Gross Weight= 61 kg

With noise-reducing plastic cover, without air drier

Item 070165 (230V 50Hz 1-)
Item 070161 (220V 60Hz 1-)



Sound pressure level 63 dB (A).
W= 540 mm D= 630 mm H= 860 mm
Net Weight= 50 kg Gross Weight= 69.5 kg

With noise-reducing plastic cover and air drier

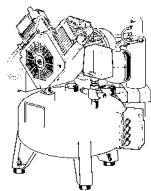
Item 070150 (230V 50Hz 1-)
Item 070154 (220V 60Hz 1-)

Net Weight= 58 kg Gross Weight= 76 kg

TWO-CYLINDER COMPRESSOR

Without air drier

Item 070270 (230V 50Hz 1-)
Item 070275 (400V 50Hz 3-)
Item 070283 (220V 60Hz 1-)



Single-phase motor 50 Hz - 1.2 kW - 7.7 A. Three-phase 1.5 kW - 6.4/3.6 A.
Single-phase motor 60 Hz - 1.5 kW - 9.2 A.
Air tank 45 litres.
Produced air with delivery pressure at 5 real bar: 160 N l/min.
Sound pressure level 71 dB (A).
W= 560 mm D= 590 mm H= 760 mm
Net Weight= 52 kg Gross Weight= 71 kg

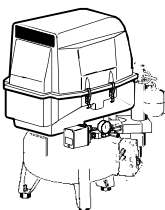
With air drier

Item 070230 (230V 50Hz 1-)
Item 070235 (400V 50Hz 3-)
Item 070207 (220V 60Hz 1-)

Net Weight= 57.5 kg Gross Weight= 78 kg

With noise-reducing plastic cover, without air drier

Item 070265 (230V 50Hz 1-)
Item 070238 (400V 50Hz 3-)
Item 070261 (220V 60Hz 1-)



Sound pressure level 63 dB (A).
W= 580 mm D= 630 mm H= 930 mm
Net Weight= 57 kg Gross Weight= 76 kg

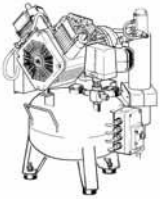
With noise-reducing plastic cover and air drier

Item 070250 (230V 50Hz 1-)
Item 070252 (400V 50Hz 3-)
Item 070254 (220V 60Hz 1-)

Net Weight= 70 kg Gross Weight= 90 kg

TWO-CYLINDER COMPRESSOR 25-LITRE TANK

Without air drier



Item 070269 (230V 50Hz 1-)
Item 070292 (400V 50Hz 3-)
Item 070293 (220V 60Hz 1-)

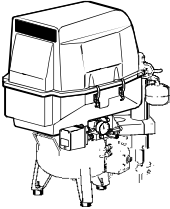
Air tank 24 litres.
W= 540 mm D= 530 mm H= 730 mm
Net Weight= 44 kg Gross Weight= 61 kg

With air drier

Item 070225 (230V 50Hz 1-)
Item 070226 (400V 50Hz 3-)
Item 070278 (220V 60Hz 1-)

Net Weight= 52 kg Gross Weight= 69 kg

With noise-reducing plastic cover, without air drier



Item 070267 (230V 50Hz 1-)
Item 070259 (400V 50Hz 3-)
Item 070289 (220V 60Hz 1-)

W= 540 mm D= 630 mm H= 860 mm
Net Weight= 50 kg Gross Weight= 69,5 kg

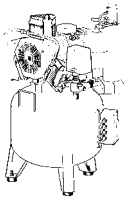
With noise-reducing plastic cover and air drier

Item 070255 (230V 50Hz 1-)
Item 070257 (400V 50Hz 3-)
Item 070243 (220V 60Hz 1-)

Net Weight= 65 kg Gross Weight= 85 kg

THREE-CYLINDER COMPRESSOR

Without air drier



Item 070370 (230V 50Hz 1-)
Item 070375 (400V 50Hz 3-)
Item 070383 (220V 60Hz 1-)

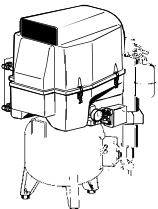
Single-phase motor 50 Hz - 1.5 kW - 10.2 A. Three-phase 1.5 kW - 6.4/3.7 A.
Single-phase motor 60 Hz - 1.75 kW - 12.2 A.
Air tank 75 litres.
Produced air with delivery pressure at 5 real bar 238 N l/min.
Sound pressure level 73,6 dB (A).
W= 580 mm D= 600 mm H= 940 mm
Net Weight= 65 kg Gross Weight= 85 kg

With air drier

Item 070330 (230V 50Hz 1-)
Item 070335 (400V 50Hz 3-)
Item 070307 (220V 60Hz 1-)

Net Weight= 72 kg Gross Weight= 93 kg

With noise-reducing plastic cover, without air drier



Item 070365 (230V 50Hz 1-)
Item 070363 (400V 50Hz 3-)
Item 070361 (220V 60Hz 1-)

Sound pressure level 68 dB (A).
W= 780 mm D= 740 mm H= 1080 mm
Net Weight= 75 kg Gross Weight= 91 kg

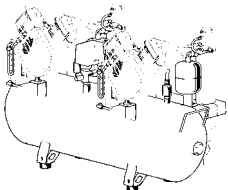
With noise-reducing plastic cover and air drier

Item 070350 (230V 50Hz 1-)
Item 070353 (400V 50Hz 3-)
Item 070354 (220V 60Hz 1-)

Net Weight= 89 kg Gross Weight= 115.5 kg

TWIN-CYLINDER TWIN-HEAD COMPRESSOR

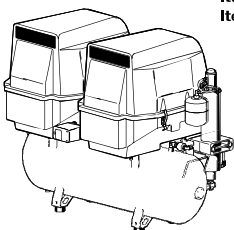
With 2 air driers



Item 070430 (230V 50Hz 1-)
Item 070435 (400V 50Hz 3-)
Item 070407 (220V 60Hz 1-)

2 single-phase motors 50 Hz 1.2 kW - 7.7 A. Three-phase 1.5 kW - 6.4/3.6 A.
2 single-phase motors 60 Hz 1.5 kW - 9.2 A. Three-phase 1.75 kW - 8/4.7 A.
Air tank 100 litres.
Produced air with delivery pressure at 5 real bar: 320 N l/min.
Sound pressure level 73 dB (A).
W= 1155 mm D= 550 mm H= 745 mm
Net Weight= 112 kg Gross Weight= 139 kg

With noise-reducing plastic covers and 2 air driers



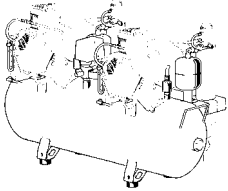
Item 070451 (230V 50Hz 1-)
Item 070450 (400V 50Hz 3-)
Item 070446 (380V 60Hz 3-)

Sound pressure level 63.8 dB (A).
W= 1160 mm D= 650 mm H= 890 mm
Net Weight= 135 kg Gross Weight= 173 kg

THREE-CYLINDER TWIN-HEAD COMPRESSOR

With 2 air driers

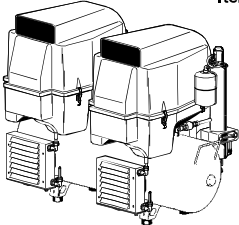
Item 070535 (400V 50Hz 3-)
Item 070538 (380V 60Hz 3-)



2 three-phase motors 50 Hz 1.5 kW - 6.4/3.7 A.
2 three-phase motors 60 Hz 1.75 kW - 8/4.7 A.
Air tank 150 litres.
Produced air with delivery pressure at 5 real bar: 476 N l/min.
Sound pressure level 74 dB (A).
W= 1320 mm D= 590 mm H= 890 mm
Net Weight= 137 kg Gross Weight= 173 kg

With noise-reducing plastic covers and 2 air driers

Item 070550 (400V 50Hz 3-)
Item 070546 (380V 60Hz 3-)

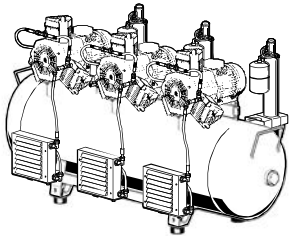


Sound pressure level 70.4 dB (A).
W= 1320 mm D= 770 mm H= 1040 mm
Net Weight= 169 kg Gross Weight= 200 kg

THREE CYLINDER TRIPLE HEAD COMPRESSOR

With three air driers

Item 070599 (400V 50Hz 3-)

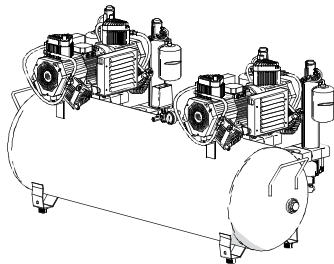


3 three-phase motors 50 Hz 1.5 kW - 6.4/3.7 A.
Air tank 300 litres
Produced air with delivery pressure at 5 real bar: 714 N l/min.
Sound pressure level 75 dB (A)
W= 1800 mm D= 810 mm H=1000 mm
Net Weight= 260 kg Gross Weight= 286 kg

SIX CYLINDER TWIN-HEAD COMPRESSOR

With four air driers

Item 070595 (400V 50Hz 3-)

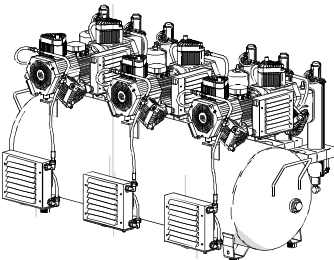


2 three-phase motors 50 Hz 4.5 kW - 16.8/9.7 A.
Air tank 300 litres
Produced air with delivery pressure at 5 real bar: 952 N l/min.
Sound pressure level 81 dB (A)
W= 1800 mm D= 880 mm H=1100 mm
Net Weight= 303 kg Gross Weight= 350 kg

SIX CYLINDER TRIPLE HEAD COMPRESSOR

With six air driers

Item 070594 (400V 50Hz 3-)



3 three-phase motors 50 Hz 4.5 kW - 16.8/9.7 A.
Air tank 300 litres
Produced air with delivery pressure at 5 real bar: 1428 N l/min.
Sound pressure level 82.5 dB (A)
W= 1800 mm D= 1100 mm H=1100 mm
Net Weight= 394 kg Gross Weight= 441 kg

BALSTON STERILIZING FILTER



Item 168523

Efficiency: 99.9999 +% for 0.01 µm particles.
Components: grade "SA" sterilizing cartridge.
The filter can be sterilized in autoclave at 135 °C ∞.

DEADENING BOXES FOR 1/2/3-CYLINDER COMPRESSORS

For cold climates and outdoor installations, on request our compressors can be fitted with an antifreeze device.

HEAVY DEADENING BOX

• The heavy deadening box reduces the sound pressure level from 18 to 21 dB (A), according to the model.

For 1-cylinder compressor and for 2-cylinder compressor with 25 litre tank.

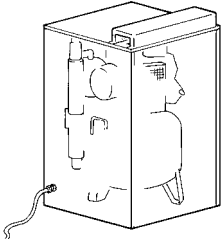
Item 010810 Sound pressure level 51.5 dB (A).
W= 650 mm D= 650 mm H= 895 mm

For 2-cylinder compressor with 50 litre tank.

Item 010820 Sound pressure level 51.7 dB (A).
W= 730 mm D= 730 mm H= 945 mm

For 3-cylinder compressor.

Item 010830 Sound pressure level 51.85 dB (A).
W= 730 mm D= 730 mm H= 1125 mm



LIGHT DEADENING BOX

• The light deadening box reduces the sound pressure level from 11 to 12 dB (A), according to the model.

Deadening box for 1-cylinder compressor and for 2-cylinder compressor with 25 litre tank

Item 010821 Sound pressure level :
for 1-cylinder compressor 58.5 dB (A)
for 2-cylinder compressor 60 dB (A)
W= 726 mm D= 658 mm H=776 mm

Deadening box for 2-cylinder compressor with 50 litre tank and for 3-cylinder compressor

Item 010831 Sound pressure level :
for 2-cylinder compressor 60 dB (A)
for 3-cylinder compressor 61.5 dB (A)
W= 858 mm D= 700 mm H=1015 mm



DEADENING BOX FOR OUTDOORS INSTALLATION

• The deadening box for outdoors installation reduces the sound pressure level from 11 to 12 dB (A), according to the model.

Galvanized steel deadening box for outdoors installation for 1-cylinder compressor and for 2-cylinder compressor with 25 litre tank

Item 010825 Sound pressure level :
for 1-cylinder compressor 58.5 dB (A)
for 2-cylinder compressor 60 dB (A)
W= 750 mm D= 700 mm H=821 mm

Galvanized steel deadening box for outdoors installation for 2-cylinder compressor with 50 litre tank and for 3-cylinder compressor

Item 010835 Sound pressure level :
for 2-cylinder compressor 60 dB (A)
for 3-cylinder compressor 61.5 dB (A)
W= 858 mm D= 810 mm H=1083 mm



ANTIFREEZE DEVICE

Item 160498 Fitted with heating fan and thermostat. It comes into operation at 15 °C.

- Our deadening boxes are manufactured in metal plate painted with epoxydic-polyester powders, lined with deadening material and provided with automatic inner ventilation.
- Sound pressure level tested according to ISO regulation 3746-1979 (E).
Parameters: r =1.5 - background noise < 38 dB (A) - instrument: Brüel & Kjær type 2232.

BLOK-JET FOR COMPRESSORS (design and estimated costs on request)



FOR LARGE PLANTS.

BLOK-JET is a convenient solution both for its price and for management costs.

The catalogue "LARGE PLANTS" is available on request, on which you can find 7 Blok-Jet for aspiration plants from 15 to 230 dental units and 9 Blok-Jet for compressed air plants from 15 to 230 dental units as well.

BLOK-JET FOR COMPRESSORS

(produced air at 5 bar for both the groups mentioned below
1680 N l/min)

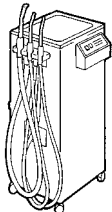
Item Code	Item Description	Voltage V/Hz	Suggested no. of users	Dimensions (mm) W x D x H
Item 010655	Version with: NO.4 SIX-CYLINDER COMPRESSOR HEAD, REFRIGERATING CYCLE DRIER AND 200 LITRES AIR TANK	400/50	24	1550 x 760 x 2000
Item 010656	Version with: NO.4 SIX-CYLINDER COMPRESSOR HEAD, REFRIGERATING CYCLE DRIER 200 LITRES AIR TANK AND CONTROL PANEL FITTED WITH PLC AND TOUCH SCREEN	400/50	24	1550 x 760 x 2000

CABINET-TYPE ASPIRATORS WITH INDUCTION MOTOR

Common specifications of all cabinet-type aspirators with induction motor

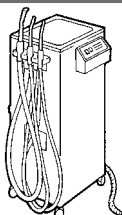
- Motor protected by a thermal device. Output power 0.4 kW - 3.1 A
- Maximum flow 1250 l/min.
- Maximum operating head for continuous service 1300 mm H₂O.
- Three electronic probes for maximum level control of secretion.

ASPI-JET 6 γ



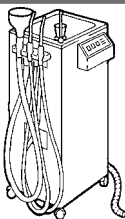
Item 010010 (230V 50Hz 1-) Medical device with CE IIa class mark, ident. no. 0434
Canister to be emptied manually, capacity 4 litres.
Sound pressure level 65 dB (A).
W= 500 mm D= 350 mm H= 760 mm
Net Weight= 32 kg Gross Weight= 41 kg

ASPI-JET 7 γ



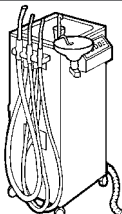
Item 010020 (230V 50Hz 1-) Medical device with CE IIa class mark, ident. no. 0434
Automatic drainage by means of a pump.
Sound pressure level 65 dB (A).
W= 500 mm D= 350 mm H= 760 mm
Net Weight= 34 kg Gross Weight= 43 kg

ASPI-JET 8 γ



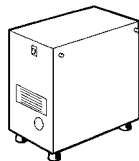
Item 010030 (230V 50Hz 1-) Medical device with CE IIa class mark, ident. no. 0434
Automatic drainage by means of a pump and water to tumbler.
Sound pressure level 65 dB (A).
W= 500 mm D= 350 mm H= 760 mm
Net Weight= 36 kg Gross Weight= 47 kg

ASPI-JET 9 γ



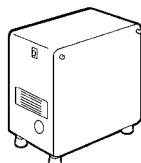
Item 010040 (230V 50Hz 1-) Medical device with CE IIa class mark, ident. no. 0434
Automatic drainage by means of a pump, water to tumbler, spittoon assembled on stainless steel movable arm, tap for spittoon rinsing.
Sound pressure level 65 dB (A).
W= 475 mm D= 560 mm H= 760 mm
Net Weight= 39 kg Gross Weight= 50 kg

MONO-JET TYPE ALPHA



Item 010051 (230V 50Hz 1-) Square-edged cabinet, automatic drainage by means of a pump, 24 V controls.
Sound pressure level 59 dB (A).
W= 520 mm D= 285 mm H= 440 mm
Net Weight= 27 kg Gross Weight= 33 kg

MONO-JET TYPE BETA

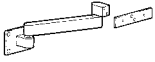


Item 010071 (230V 50Hz 1-) Round-edged cabinet, automatic drainage by means of a pump, 24 V controls.
Sound pressure level 59 dB (A).
W= 520 mm D= 285 mm H= 440 mm
Net Weight= 27 kg Gross Weight= 33 kg

- Mono-Jet units are not equipped with tip support mentioned at page 25.
- Different voltages and frequencies available on request.
- Sound pressure level tested with \emptyset 11 tip according to ISO regulation 3746-1979 (E).
Parameters: r =1.5 - background noise < 38 dB (A) - instrument: Brüel & Kjær type 2232.

ACCESSORIES available on request

1-SEGMENT ARM



Item 040030
(For manual tip support)
Item 040035
(For mechanical tip support)
Item 040020
(For pneumatic tip support)

For tip support.
min. L= 50 mm max. L= 270 mm + tip support.

2-SEGMENT ARM



Item 040050
(For manual tip support)
Item 040055
(For mechanical tip support)
Item 040040
(For pneumatic tip support)

For tip support.
min. L= 50 mm max. L= 470 mm + tip support.

3-SEGMENT ARM



Item 040043
(For mechanical tip support)
Item 040042
(For pneumatic tip support)

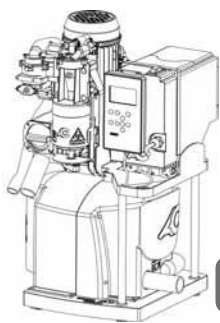
For tip support.
min. L= 50 mm max. L= 680 mm + tip support.

MICRO-SMART

- The aspirator reacts automatically to any working anomaly which can be dangerous for the machine proper functioning. A display shows the current working parameters of the machine during the aspiration.
- Neither peripheral units nor electrical starter are necessary for the installation of Micro-Smart in parallel. Head values can be set by the dentist himself, according to his needs. Pre-set heads: \approx 70 mbar \approx 100 mbar \approx 210 mbar. Each suction machine can service a variable number of dental units depending on different parameters: diameter and length of the piping, number of bends, brand of the dental unit (requirements concerning aspiration can vary), therefore the number of dental units we suggest should not be considered as binding.
- For cold climates and outdoor installations, on request the machine can be fitted with an antifreeze device.

MICRO-SMART WITHOUT BOX

Item 035050 (230V 50/60Hz 1-)



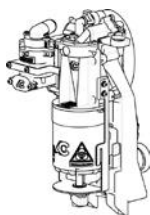
Output power 1,12 kW – 6,3 A
Maximum operating head for continuous service 2100 mm H₂O.
Maximum flow 55 m³/h.
Suggested for 1-2 surgeries working at the same time.
Sound pressure level with canalized air:
from 64 dB (A) to 71 dB (A) * (version without box from 60Hz to 120 Hz)
from 63 dB (A) to 68.5 dB (A) * (suction unit fitted with plastic box from 60Hz to 120 Hz)
W= 380 mm D= 350 mm H= 600 mm
Net Weight= 21.50 kg

MICRO-SMART WITHOUT BOX, FITTED WITH HYDROCYCLONE ISO 6

Item 035060 (230V 50/60Hz 1-)

W= 380 mm D= 350 mm H= 600 mm
Net Weight= 23 kg

HYDROCYCLONE ISO 6



Item 043378

Version for MICRO-SMART

Components: 1 Hydrocyclone ISO 6, fixing plates, re-circulation hoses.
TÜV tested, according to ISO 11143.

MICRO-SMART CONTROL KEYPAD



Item 181635

MICRO-SMART SUPPLEMENTARY SILENCER



Item 160567

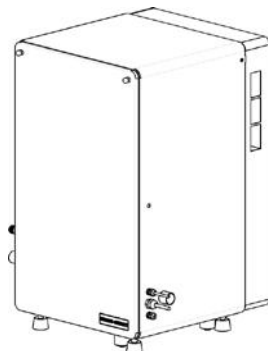
PLASTIC COVER FOR SUCTION MOTOR ONLY



Item 035010

Moulded panels are easy to assemble and supplied with fixing plates, screws and instruction manual. The cover reduces the sound vibration, it protects Micro-Smart from dust and from accidental contacts.

SOUND-PROOF BOX FOR INDOOR INSTALLATION



Item 074301

The box is made of metal with a inner lining of sound-proofing material and reduces the sound level of 23 dB (A) both at 70 mbar and at 210 mbar
Sound pressure level with canalized air at 70 mbar: 41 dB (A) *
Sound pressure level with canalized air at 100 mbar: 42 dB (A) *
Sound pressure level with canalized air at 210 mbar: 48 dB (A) *
W= 501 mm D= 480.5 mm H= 737 mm

MICRO-SMART FITTED WITH HYDROCYCLONE ISO 6, WITH SOUND-PROOF BOX FOR INDOOR INSTALLATION

Item 035065
(230V 50/60Hz 1-)

Micro-Smart is installed inside the box.

* Sound pressure level tested according to ISO regulation 3746-1979 (E)
Parameters: r = 1.5 – background noise: 34 dB (A). instrument Brüel & Kjaer type 2232.
Antibacterial filters for exhausted air at page 48

BOX FOR OUTDOOR INSTALLATION



- Item 074302** The box is made of pre-galvanized and polyester powder painted metal. Fitted with cooling fan and thermostat. Sound pressure level with canalized air at 210 mbar: 62 dB (A)*
W= 590 mm D= 570 mm H= 850 mm

BOX FOR INDOOR INSTALLATION

- Item 074303** The box is made of pre-galvanized and polyester powder painted metal. Fitted with cooling fan and thermostat. Sound pressure level with canalized air at 210 mbar: 61 dB (A)*
W= 590 mm D= 570 mm H= 850 mm

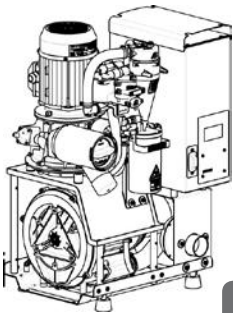
ANTIFREEZE DEVICE

- Item 160498** Fitted with heating fan and thermostat. It comes into operation at 15 °C.

TURBO-SMART

- The aspirator reacts automatically to any working anomaly which can be dangerous for the machine proper functioning. A display shows the current working parameters of the machine during the aspiration.
- Neither peripheral units nor electrical starter are necessary for the installation of Turbo-Smart in parallel. Upgrading by means of a password can be carried out anytime on both new and used machines. Head values can be set by the dentist himself, according to his needs. Each suction machine can service a variable number of dental units depending on different parameters: diameter and length of the piping, number of bends, brand of the dental unit (requirements concerning aspiration can vary), therefore the number of dental units we suggest should not be considered as binding.
- **For cold climates and outdoor installations, on request the machine can be fitted with an antifreeze device.**

TURBO-SMART VERSION "A" WITHOUT BOX



- Item 035105 (230V 50/60Hz 1-)** Output power 1.22 kW - 7 A
Maximum operating head for continuous service 2000 mm H₂O.
Maximum flow 1400 l/min.
Suggested for 2 surgeries working at the same time.
Sound pressure level with canalized air 68.2 dB (A), version with box 67.3 dB (A).
W= 400 mm D= 355 mm H= 650 mm
Net Weight= 36 kg Gross Weight= 45 kg

TURBO-SMART VERSION "A" WITHOUT BOX, FITTED WITH HYDROCYCLONE ISO 18 (ISO amalgam separator)

- Item 035115 (230V 50/60Hz 1-)** W= 400 mm D= 360 mm H= 650 mm
Net Weight= 39 kg Gross Weight= 48 kg

PASSWORD TO TURN TURBO-SMART VERSION "A" INTO VERSION "B"

Item 035500
(to be considered as spare part)

TURBO-SMART VERSION "B" (upgraded by means of a password) has the following characteristics:

Output power 1.5 kW - 9 A
Maximum operating head for continuous service 2000 mm H₂O.
Maximum flow 1700 l/min.
Suggested for 3/4 surgeries working at the same time.
Sound pressure level with canalized air 69.6 dB (A), version with box 68.5 dB (A).

* Sound pressure level tested according to ISO regulation 3746-1979 (E)
Parameters: r = 1.5 – background noise: 34 dB (A), instrument Brüel & Kjaer type 2232.
Antibacterial filters for exhausted air at page 48

HYDROCYCLONE ISO 18

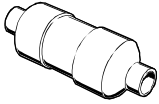


Item 043380

Version for TURBO-SMART

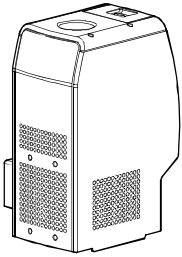
Components: 1 Hydrocyclone ISO 18, fixing plates, re-circulation hoses.
TÜV tested, according to ISO 11143 standard.

TURBO-SMART SUPPLEMENTARY SILENCER



Item 160566

BOX FOR TURBO-SMART (INDOOR INSTALLATION) (supplied separately)



Item 035000

Moulded panels are easy to assemble and supplied with fixing plates, screws and instruction manual.
The cover reduces the sound vibration, it protects Turbo-Smart from dust and from accidental contacts.

BOX FOR OUTDOOR INSTALLATION



Item 074305

The box is made of pre-galvanized and polyester powder painted metal and is fitted with cooling fan and thermostat
Sound pressure level with canalized air:
Turbo-Smart "A" version 58,8 dB (A)*
Turbo-Smart "B" version 60,6 dB (A)*
W= 590 mm D= 570 mm H= 850 mm

SOUND-PROOF BOX FOR OUTDOOR INSTALLATION

Item 074304

The box is made of pre-galvanized and polyester powder painted metal and is fitted with cooling fan and thermostat
Sound pressure level with canalized air:
Turbo-Smart "A" version 58 dB (A)*
Turbo-Smart "B" version 60 dB (A)*
W= 590 mm D= 570 mm H= 850 mm

ANTIFREEZE DEVICE FOR TURBO-SMART

Item 160498

Fitted with heating fan and thermostat.
It comes into operation at 15 °C.

* Sound pressure level tested according to ISO regulation 3746-1979 (E)
Parameters: r = 1,5 – background noise: 34 dB (A), instrument Brüel & Kjaer type 2232.
Antibacterial filters for exhausted air at page 48

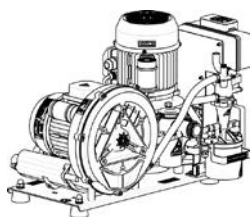
TURBO-JET modular and TURBO HP

- All models are fitted with electrical control panel.
- TURBO-JET modular and Turbo HP units installed in **parallel** must be fitted with a **starter** (positioned in the engine room) and with **peripheral units** (in the surgeries), see page 22 (item 026800/026805 and 180949).
- Each suction machine can service a variable number of dental units depending on different parameters: diameter and length of the piping, number of bends, brand of the dental unit (requirements concerning aspiration can vary), therefore the number of dental units we suggest should not be considered as binding.
- Turbo HP tre / Turbo HP tre 2V and Turbo HP quattro / Turbo HP quattro 2V are replacing the previous Turbo-Tecno / Turbo-Tecno 2V and Turbo-Flux / Turbo-Flux 2V.

TURBO-JET 1 modular

Turbo-Jet 1 modular without box

Item 026110 (230V 50Hz 1-)



Motor protected by a thermal device.
Output power 0.42 kW - 4 A, maximum flow 650 l/min, maximum operating head for continuous service 1300 mm H₂O.
For one surgery.
Sound pressure level with canalized air 61 dB (A).
W= 540 mm D= 350 mm H= 360 mm
Net Weight= 22 kg Gross Weight= 27 kg

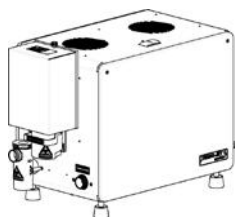
Turbo-Jet 1 modular without box, with Hydrocyclone ISO 4

Item 029615 (230V 50Hz 1-)

W= 540 mm D= 450 mm H= 380 mm
Net Weight= 24 kg Gross Weight= 29 kg

Turbo-Jet 1 modular with box

Item 026150 (230V 50Hz 1-)



As for technical specifications, refer to item 026110.
Sound pressure level with canalized air 58 dB (A).
W= 565 mm D= 320 mm H= 420 mm
Net Weight= 34 kg Gross Weight= 41 kg

Turbo-Jet 1 modular with box, with Hydrocyclone ISO 4

Item 029655 (230V 50Hz 1-)

W= 640 mm D= 320 mm H= 420 mm
Net Weight= 36 kg Gross Weight= 43 kg

Turbo-Jet 1 modular with noise-reducing box

Item 026170 (230V 50Hz 1-)



As for technical specifications, refer to item 026110.
Sound pressure level with canalized air 52 dB (A).
W= 610 mm D= 320 mm H= 465 mm
Net Weight= 40 kg Gross Weight= 47 kg

Turbo-Jet 1 modular with noise-reducing box, with Hydrocyclone ISO 4

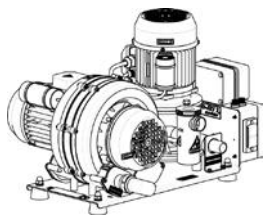
Item 029695 (230V 50Hz 1-)

W= 640 mm D= 320 mm H= 465 mm
Net Weight= 42 kg Gross Weight= 49 kg

TURBO-JET 2 modular

Turbo-Jet 2 modular without box

Item 026210 (230V 50Hz 1-)



Motor protected by a thermal device.
Output power 0.80 kW - 6.1 A, maximum flow 650 l/min, maximum operating head for continuous service 2600 mm H₂O.
Suggested for two surgeries working at the same time: the first one with tip no. 17 or 20 and the second one with tip no. 9/10/21 or saliva ejector.
Sound pressure level with canalized air 65 dB (A).
W= 560 mm D= 440 mm H= 380 mm
Net Weight= 27 Kg Gross Weight= 32 kg

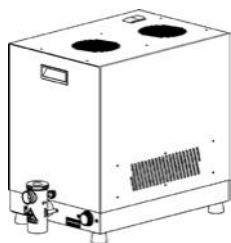
Turbo-Jet 2 modular without box

Item 026220 (230V 50Hz 1-)

Version for installation in parallel (fitted with one-way valve)

Turbo-Jet 2 modular with box

Item 026250 (230V 50Hz 1-)



As for technical specifications, refer to item 026210.
Sound pressure level with canalized air 61 dB (A).
W= 560 mm D= 430 mm H= 470 mm
Net Weight= 37 Kg Gross Weight= 43 kg

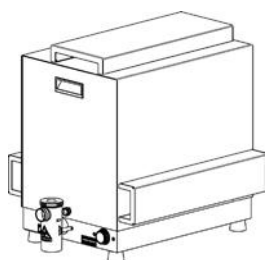
Turbo-Jet 2 modular with box

Item 026254 (230V 50Hz 1-)

Version for installation in parallel (fitted with one-way valve)

Turbo-Jet 2 modular with noise-reducing box

Item 026270 (230V 50Hz 1-)



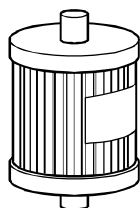
As for technical specifications, refer to item 026210.
Sound pressure level with canalized air 56 dB (A).
W= 560 mm D= 480 mm H= 510 mm
Net Weight= 44 Kg Gross Weight= 50 kg

Turbo-Jet 2 modular with noise-reducing box

Item 026274 (230V 50Hz 1-)

Version for installation in parallel (fitted with one-way valve)

Ø 30 ANTIBACTERIAL FILTER

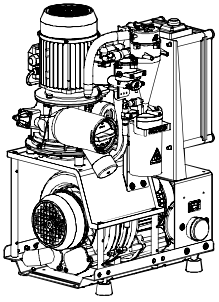


Item 042010

To filtrate the air exhausted by the aspirators.
Ø= 137 mm H= 225 mm
Flow: up to 70 m³/h
To be replaced every 12 months
Suggested for 1-2 dental units

- Double-fan aspiration units warm up proportionally to operating head value. If operating head gets above 1500 mm H₂O, the room must be adequately ventilated or conditioned.
- Sound pressure level tested according to ISO regulation 3746 -1979 (E).
Parameters: r =1.5 - background noise < 38 dB (A) - instrument: Brüel & Kjær type 2232.

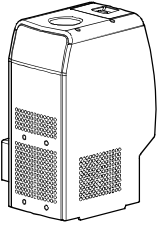
TURBO HP due



Item 036250 (230V 50Hz 1-)

TURBO HP due WITHOUT BOX, WITH HYDROCYCLONE ISO 18 (available only in single-phase version)

The motor is protected by a thermal switch.
Output power 0.90 kW - 7.6 A, maximum flow 1000 l/m.
Maximum operating head for continuous service 2600 mm H₂O.
Fitted with thermal switch and valve for the installation in parallel.
Suggested for 2 surgeries.
Sound pressure level with canalized air 64.8 dB (A),
version with box 62.8 dB (A)
W= 400 mm D= 360 mm H= 650 mm
Net Weight= 41 kg Gross Weight= 50 kg

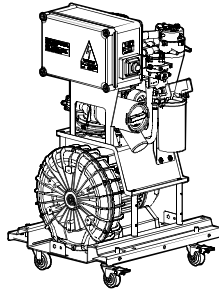


Item 035000

PLASTIC BOX FOR TURBO HP due FOR INDOOR INSTALLATION (supplied separately)

Moulded panels are easy to assemble and supplied with fixing plates, screws and instruction manual.
It reduces the sound vibration and protects from dust and from accidental contacts.

TURBO HP tre (replacing Turbo-Tecno modular)



Item 036300 (230V 50Hz 1-)

Item 036310 (400V 50Hz 3-)

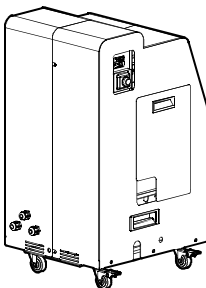
TURBO HP tre WITHOUT BOX

Output power single-phase 0.95 kW - 8.3 A; three-phase 0.95 kW - 6.2/4.75 A,
maximum flow 1400 l/m.
Maximum operating head for continuous service 1700 mm H₂O.
Fitted with thermal switch and valve for the installation in parallel.
Suggested for 3 surgeries.
Sound pressure level with canalized air 69.4 dB (A)
W= 460 mm D= 419 mm H= 771 mm
Net Weight= 44 kg Gross Weight= 55 kg

Item 036350 (230V 50Hz 1-)

Item 036360 (400V 50Hz 3-)

TURBO HP tre WITHOUT BOX, WITH HYDROCYCLONE ISO 18



Item 036320 (230V 50Hz 1-)

Item 036325 (400V 50Hz 3-)

TURBO HP tre WITH BOX

As for technical specifications, refer to item 036300.
Sound pressure level with canalized air 62.7 dB (A)
W= 491 mm D= 419 mm H= 791 mm
Net Weight= 65 kg Gross Weight= 76 kg

Item 036370 (230V 50Hz 1-)

Item 036375 (400V 50Hz 3-)

TURBO HP tre WITH BOX AND HYDROCYCLONE ISO 18

TURBO HP tre WITH NOISE-REDUCING BOX

Item 036330 (230V 50Hz 1-)

Item 036335 (400V 50Hz 3-)

As for technical specifications, refer to item 036300.
Sound pressure level with canalized air 61.6 dB (A)
W= 491 mm D= 419 mm H= 791 mm
Net Weight= 70 kg Gross Weight= 81 kg

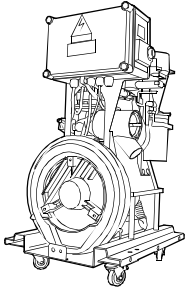
Item 036380 (230V 50Hz 1-)

Item 036385 (400V 50Hz 3-)

TURBO HP tre WITH NOISE-REDUCING BOX AND HYDROCYCLONE ISO 18

TURBO HP quattro (replacing Turbo-Flux modular)

TURBO HP quattro WITHOUT BOX



Item 036400 (230V 50Hz 1-)

Item 036410 (400V 50Hz 3-)

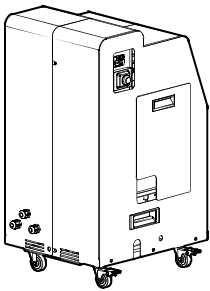
Output power single-phase 1.7 kW - 12.3 A; three-phase 1.7 kW - 9.7/6.8 A, maximum flow 1900 l/m.
Maximum operating head for continuous service 2000 mm H₂O.
Fitted with thermal switch and valve for the installation in parallel.
Suggested for 4 surgeries.
Sound pressure level with canalized air 69.8 dB (A)
W= 460 mm D= 419 mm H= 771 mm
Net Weight= 47 kg Gross Weight= 58 kg

TURBO HP quattro WITHOUT BOX, WITH HYDROCYCLONE ISO 18

Item 036450 (230V 50Hz 1-)

Item 036460 (400V 50Hz 3-)

TURBO HP quattro WITH BOX



Item 036420 (230V 50Hz 1-)

Item 036425 (400V 50Hz 3-)

As for technical specifications, refer to item 036400.
Sound pressure level with canalized air 65.5 dB (A)
W= 491 mm D= 419 mm H= 791 mm
Net Weight= 71 kg Gross Weight= 82 kg

TURBO HP quattro WITH BOX AND HYDROCYCLONE ISO 18

Item 036470 (230V 50Hz 1-)

Item 036475 (400V 50Hz 3-)

TURBO HP quattro WITH NOISE-REDUCING BOX

Item 036430 (230V 50Hz 1-)

Item 036435 (400V 50Hz 3-)

As for technical specifications, refer to item 036400.
Sound pressure level with canalized air 62 dB (A)
W= 491 mm D= 419 mm H= 791 mm
Net Weight= 76 kg Gross Weight= 87 kg

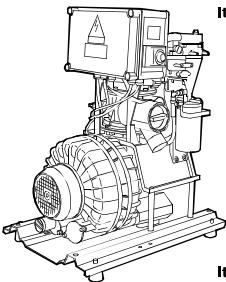
TURBO HP quattro WITH NOISE-REDUCING BOX AND HYDROCYCLONE ISO 18

Item 036480 (230V 50Hz 1-)

Item 036485 (400V 50Hz 3-)

TURBO HP tre 2V (replacing Turbo-Tecno 2V modular)

TURBO HP tre 2V WITHOUT BOX



Item 036600 (230V 50Hz 1-)

Item 036610 (400V 50Hz 3-)

Output power single-phase 1.5 kW - 11 A; three-phase 1.7 kW - 10.6/7.3 A, maximum flow 1500 l/m.
Maximum operating head for continuous service 2600 mm H₂O.
Fitted with thermal switch and valve for the installation in parallel.
Suggested for 3 surgeries.
Sound pressure level with canalized air 69.6 dB (A)
W= 590 mm D= 419 mm H= 771 mm
Net Weight= 53 kg Gross Weight= 64 kg

TURBO HP tre 2V WITHOUT BOX, WITH HYDROCYCLONE ISO 18

Item 036650 (230V 50Hz 1-)

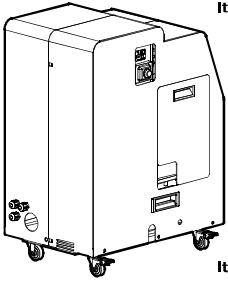
Item 036660 (400V 50Hz 3-)

TURBO HP tre 2V WITH BOX

Item 036620 (230V 50Hz 1-)

Item 036625 (400V 50Hz 3-)

As for technical specifications, refer to item 036600.
Sound pressure level with canalized air 62.4 dB (A)
W= 620 mm D= 419 mm H= 791 mm
Net Weight= 75 kg Gross Weight= 86 kg



TURBO HP tre 2V WITHOUT BOX, WITH HYDROCYCLONE ISO 18

Item 036670 (230V 50Hz 1-)

Item 036675 (400V 50Hz 3-)

TURBO HP tre 2V WITH NOISE-REDUCING BOX

Item 036630 (230V 50Hz 1-)

Item 036635 (400V 50Hz 3-)

As for technical specifications, refer to item 036600.
Sound pressure level with canalized air 61.3 dB (A)
W= 620 mm D= 419 mm H=791 mm
Net Weight= 87 kg Gross Weight= 98 kg

TURBO HP tre 2V WITH NOISE-REDUCING BOX AND HYDROCYCLONE ISO 18

Item 036680 (230V 50Hz 1-)

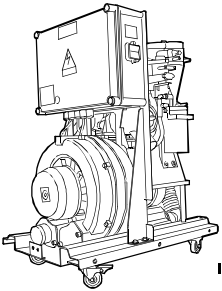
Item 036685 (400V 50Hz 3-)

TURBO HP quattro 2V (replacing Turbo-Flux 2V modular)

TURBO HP quattro 2V WITHOUT BOX

Item 036700 (400V 50Hz 3-)

Output power three-phase 2.4 kW - 11.8/8 A, maximum flow 2150 l/m.
Maximum operating head for continuous service 2350 mm H₂O.
Fitted with thermal switch and valve for the installation in parallel.
Suggested for 4 surgeries.
Sound pressure level with canalized air 72.6 dB (A)
W= 590 mm D= 419 mm H= 771 mm
Net Weight= 63 kg Gross Weight= 74 kg



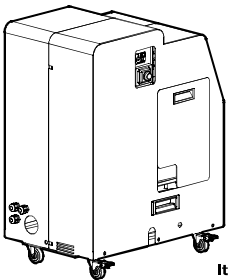
TURBO HP quattro 2V WITHOUT BOX, WITH HYDROCYCLONE ISO 18

Item 036750 (400V 50Hz 3-)

TURBO HP quattro 2V WITH BOX

Item 036725 (400V 50Hz 3-)

As for technical specifications, refer to item 036700.
Sound pressure level with canalized air 65.5 dB (A)
W= 620 mm D= 419 mm H= 791 mm
Net Weight= 81 kg Gross Weight= 92 kg



TURBO HP quattro 2V WITH BOX AND HYDROCYCLONE ISO 18

Item 036775 (400V 50Hz 3-)

TURBO HP quattro 2V WITH NOISE-REDUCING BOX

Item 036735 (400V 50Hz 3-) As for technical specifications, refer to item 036700.
Sound pressure level with canalized air 61.6 dB (A)
W= 620 mm D= 419 mm H= 791 mm
Net Weight= 89 kg Gross Weight= 100 kg

TURBO HP quattro 2V WITH NOISE-REDUCING BOX AND HYDROCYCLONE ISO 18

Item 036785 (400V 50Hz 3-)

ACCESSORIES FOR TURBO HP

BOX for TURBO HP tre and TURBO HP quattro

Item 036010

BOX for TURBO HP tre 2V and TURBO HP quattro 2V

Item 036020

NOISE-REDUCING BOX for TURBO HP tre and TURBO HP quattro

Item 036015

NOISE-REDUCING BOX for TURBO HP tre 2V and TURBO HP quattro 2V

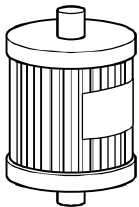
Item 036025

HYDROCYCLONE ISO 18 FOR TURBO HP



Item 043380 Components: 1 Hydrocyclone, fixing plates, re-circulation hoses.
TÜV tested, according to ISO 11143 standard.

Ø 30 ANTIBACTERIAL FILTER



Item 042010 To filtrate the air exhausted by the aspirators.
Ø= 137 mm H= 225 mm
Flow: up to 70 m³/h
To be replaced every 12 months
Suggested for 1-2 dental units

NOTE

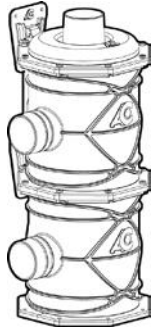
The reason why we have replaced the previous Turbo-Jet 2 / Turbo-Tecno / Turbo-Flux, etc. with the new Turbo HP range, is that these new models can offer better performance and have smaller dimensions.

ANTIBACTERIAL FILTER HEPA H14 WITH FIXING PLATE



- Item 042090 Suggested for 4-6 dental units
Max flow: 90 m³/h
Filter cartridge to be replaced every 12 months

ANTIBACTERIAL FILTER HEPA H14 WITH FIXING PLATE

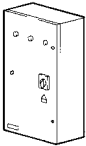


- Item 042092 Suggested for 9-12 dental units
Max flow: 188 m³/h
Filter cartridge to be replaced every 12 months

ACCESSORIES FOR INSTALLATION IN PARALLEL OF TURBO-JET *modular* AND TURBO HP

ELECTRONIC STARTER FOR 2 MOTORS INSTALLED IN PARALLEL

- Item 026800 W= 300 mm D= 170 mm H= 400 mm



ELECTRONIC STARTER FOR 3-4 MOTORS INSTALLED IN PARALLEL

- Item 026805

TWO-WAY PERIPHERAL P.B. UNIT (it senses the hose diameter: \varnothing 16 or \varnothing 11)

- Item 180949 Each tip support has to be fitted with one peripheral P.B. unit which
must be placed next to it.
W= 70 mm P= 70 mm H= 22 mm



NON-RETURN VALVE FOR TURBO-JET 1-2 *modular* WITH BOX

- Item 160662

NON-RETURN VALVE FOR TURBO-JET 2 *modular* WITHOUT BOX

- Item 160669

ANTIFREEZE KIT FOR TURBO-JET *modular* WITH BOX AND TURBO HP

- Item 160504 **Antifreeze kit for Turbo-Jet 1 *modular***

- Item 160517 **Antifreeze kit for Turbo-Jet 2 *modular***

- Item 160498 **Antifreeze kit for Turbo HP**

Insulate both the filter and the draining pipe with suitable (antifreezing)
material.
It comes into operation at 15 °C.

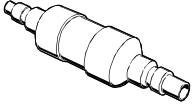
ANTIFREEZE KIT FOR HYDROCYCLONE FITTED TO TURBO-JET 1 *modular* WITH BOX

Item 160495 **Antifreeze kit for hydrocyclone fitted to Turbo-Jet 1 *modular* with box**

Insulate both the filter and the draining pipe with suitable (antifreezing) material.
It comes into operation at 15 °C.

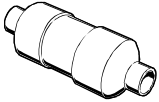
SUPPLEMENTARY SILENCER FOR TURBO-JET 1 AND 2 *modular*

Item 160562



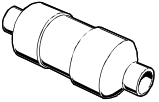
SUPPLEMENTARY SILENCER FOR TURBO HP due, TURBO HP tre, TURBO HP quattro and TURBO HP quattro 2V

Item 160566



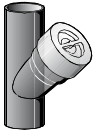
SUPPLEMENTARY SILENCER FOR TURBO HP tre 2V

Item 160563



THERMAL COMPENSATING VALVE FOR TURBO-JET 1 *modular*

Item 160649



THERMAL COMPENSATING VALVE FOR TURBO-JET 2 *modular*

Item 160646

ISO Amalgam separators for Turbo-Jet 1 *modular*

HYDROCYCLONE ISO 4 (ISO amalgam separator) Version for Turbo-Jet 1 *modular* without box

Item 043365 Components: Hydrocyclone, outlet connector with pressure relief valve, fixing bracket.
Tested by TÜV according to ISO 11143 standard.



HYDROCYCLONE ISO 4 (ISO amalgam separator) Version for Turbo-Jet 1 *modular* with box

Item 043366 Components: Hydrocyclone, outlet connector with pressure relief valve, fixing bracket, metal box (bracket + lid)
Tested by TÜV according to ISO 11143 standard.

ISO Amalgam separator for Turbo HP

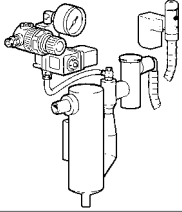
HYDROCYCLONE ISO 18

Item 043380 **Fitting all Turbo HP models**
Components: 1 Hydrocyclone, fixing brackets, re-circulation hoses.
TÜV tested, according to ISO 11143 standard.



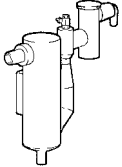
PNEUMATIC ASPIRATOR

COMPLETE PNEUMATIC ASPIRATOR



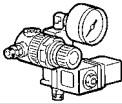
Item 040000 Consisting of: pneumatic aspirator 040005, manometer-electrovalve-pressure reducer 040001, small hose support 040013, small hose and terminal type "B" 040017.

PNEUMATIC ASPIRATOR



Item 040005

MANOMETER - ELECTROVALVE - PRESSURE REDUCER



Item 040001

SMALL HOSE SUPPORT



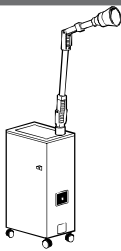
Item 040013
(Grey)

SMALL HOSE AND TERMINAL



Item 040017
(Grey)

ASPI-ALU with ARM (RECOMMENDED FOR ALUMINE TREATMENTS)



Item 050077 (230V 50Hz 1-)

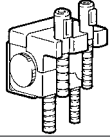
Components: Uni-Jet 75 aspiration unit (motor fitted with thermal protector), articulated arm. Single-phase output power: 0.4 kW - 3.1 A - maximum flow 900 l/min, maximum operating head for continuous service 1300 mm H₂O.
Sound pressure level 66 dB (A).
W= 450 mm D= 350 mm H= 760 mm + arm.
Net Weight= 32 kg Gross Weight= 43 kg

TIP SUPPORTS

- Our tip supports can be used in dry, semi-wet or wet centralized plants and on cabinet-type aspirators.
- All tip supports are equipped with an electrical contact to be used with a low tension signal.

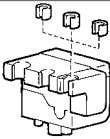
PNEUMATIC TIP SUPPORT

SUPPORT WITH PNEUMATIC CLOSURE OF TERMINALS



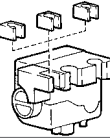
Item 030031+041094
(Grey) Components: tip support, manifold with filter, 2 hoses with terminals, accessories and fastening plate.
W= 135 mm D= 105 mm H= 118 mm

SUPPORT WITH PNEUMATIC CLOSURE PLUS SALIVA-EJECTOR SEAT



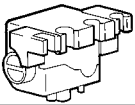
Item 030050+041094
(Grey) Components: tip support and saliva-ejector seat.
W= 170 mm D= 105 mm H= 118 mm

SUPPORT WITH PNEUMATIC CLOSURE PLUS SYRINGE SEAT



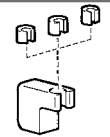
Item 030056+041094
(Grey) Components: tip support and syringe seat.
W= 148 mm D= 105 mm H= 118 mm

SUPPORT WITH PNEUMATIC CLOSURE PLUS SALIVA-EJECTOR AND SYRINGE SEATS



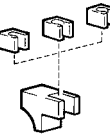
Item 030108+041094
(Grey) Components: tip support, saliva-ejector seat and syringe seat.
W= 183 mm D= 105 mm H= 118 mm

SALIVA-EJECTOR SEAT FOR PNEUMATIC SUPPORT



Item 030071
(Grey) Assembling at rear.

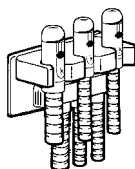
SYRINGE SEAT FOR PNEUMATIC SUPPORT



Item 030081
(Grey) Assembling at rear.

MANUAL TIP SUPPORT

SUPPORT WITH MANUAL CLOSURE OF TERMINALS

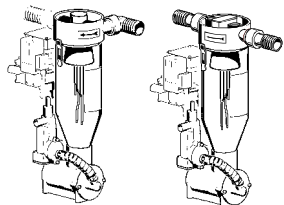


Item 030021+041094
(Grey) Components: tip support, rectangular manifold with filter, 3 hoses with terminals, accessories and fastening plate.
W= 180 mm D= 85 mm H= 83 mm

DRY CENTRALIZED PLANTS

- The overflow level control and switching on/off of the draining pump of Mini-Separator and Maxi-Canister are obtained by means of electronic probes and circuits, which are standard components of separators and canisters.
- All separators and canisters are supplied with cover, draining valve, fastening brackets, filters, tube-holder sleeves.

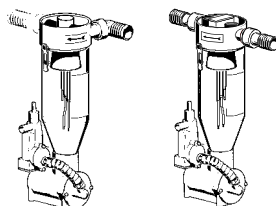
AUTOMATIC MINI-SEPARATOR



Item 020995 (90°)
Item 020997 (180°)

Multi-surgery version to be installed inside the dental unit.
Consisting of: Mini-Separator, mignon electropneumatic valve, draining unit, AC 45 P.B., Ø 25 straight tube-holder, Ø 30 straight tube-holder, Ø 25 bent tube-holder, Ø 30 bent tube-holder.
Canister W= 195 mm D= 135 mm H= 340 mm
Electrovalve W= 120 mm D= 105 mm H= 160 mm

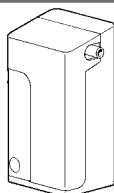
AUTOMATIC MINI-SEPARATOR



Item 021002 (90°)
Item 021003 (180°)

Single-surgery version to be installed inside the dental unit.
Consisting of: Mini-Separator, draining unit, AC 45 P.B., Ø 25 straight tube-holder, Ø 30 straight tube-holder, Ø 25 bent tube-holder, Ø 30 bent tube-holder.
Canister W= 195 mm D= 135 mm H= 340 mm

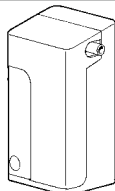
AUTOMATIC MINI-SEPARATOR



Item 020996

Multi-surgery version with box, to be installed outside the dental unit but next to it.
Consisting of: Mini-Separator, mignon electropneumatic valve, siphon and draining pump.
W= 280 mm D= 205 mm H= 475 mm

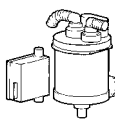
AUTOMATIC MINI-SEPARATOR



Item 020998

Single-surgery version with box, to be installed outside the dental unit but next to it.
No other accessory is required in addition to the complete Mini-Separator with draining pump.
W= 280 mm D= 205 mm H= 475 mm

MAXI-CANISTER



Item 020010

Multi-surgery version to be installed inside the dental unit.
Consisting of: Maxi-Canister and motorized electrovalve.
Canister W= 180 mm D= 175 mm H= 308 mm
Electrovalve W= 170 mm D= 70 mm H= 235 mm

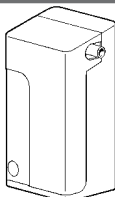
MAXI-CANISTER



Item 020020

Single-surgery version to be installed inside the dental unit.
No other accessory is required in addition to the complete Maxi-Canister.
W= 180 mm D= 175 mm H= 308 mm

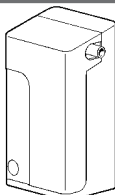
MAXI-CANISTER WITH BOX



Item 020030

Multi-surgery version with motorized electrovalve and box, to be installed outside the dental unit.
W= 280 mm D= 205 mm H= 475 mm

MAXI-CANISTER WITH BOX



Item 020035

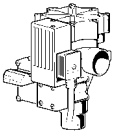
Single-surgery version with box, to be installed outside the dental unit.
W= 280 mm D= 205 mm H= 475 mm

SEMI-WET CENTRALIZED PLANTS WITH SEPARATOR TANK

- In case hospitals, dental schools, clinics or multi-chair dental surgeries have a room below the dental units, we suggest to install one single separator tank in such room, so that the aspirated liquids can be drained thanks to a slight slope. One single tank for many dental units allows to cut costs and to simplify both installation and maintenance.
- We suggest to install an electropneumatic valve inside the dental unit, where you would put the Mini-Separator. The Separator tank will be installed in the plant room, between the piping from the chairs and the aspiration units.
- The Separator Tank is fitted with floor-mounting support, electronic overflow control, draining pump and tank automatic rinsing system.

ELECTROPNEUMATIC VALVES

ELECTROPNEUMATIC VALVE



- Item 021144** For use with AC or DC.
It starts and stops suction at the dental units of the same plant (not fitted with P.B.unit) making them independent from each other.
W= 120 mm D= 105 mm H= 160 mm

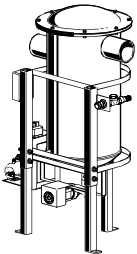
ELECTROPNEUMATIC VALVE MIGNON 04



- Item 024150** Same functions of Item 021144.
For use with AC or DC (with P.B.unit).
W= 84.5 mm D= 70 mm H= 68 mm

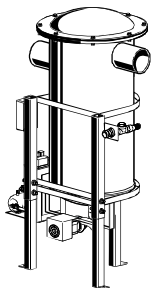
SEPARATOR TANKS

SEPARATOR TANK A 54 (aut. drainage)



- Item 019966** **Automatic drainage with pump - no possibility to install an Hydrocyclone (1).**
Capacity 39 litres, suitable for up to 17 surgeries, with tank automatic rinsing system.
W= 760 mm D= 490 mm H= 1235 mm
- Item 020004** **Drainage by gravity with forced stop of aspiration (possibility to install a Turbo-Smart with or without amalgam separator)**
Capacity 39 litres, suitable for up to 17 surgeries, with tank automatic rinsing system.
W= 760 mm D= 490 mm H= 1235 mm

SEPARATOR TANK A 57 (aut. drainage)

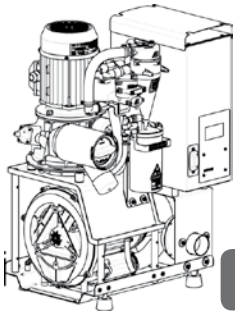


- Item 019987** **Automatic drainage with pump - no possibility to install an Hydrocyclone (1).**
Capacity 130 litres, suitable for up to 54 surgeries, with tank automatic rinsing system.
W= 1075 mm D= 740 mm H= 1560 mm
- Item 020007** **Drainage by gravity with forced stop of aspiration (possibility to install a Turbo-Smart with or without amalgam separator)**
Capacity 130 litres, suitable for up to 54 surgeries, with tank automatic rinsing system.
W= 1075 mm D= 740 mm H= 1560 mm

(1) Up to 2500 mm H₂O head.

TURBO-SMART AS DRAINING PUMP

TURBO-SMART VERSION "A" WITHOUT BOX



Item 035105 (230V 50/60Hz 1-)

Output power 1.22 kW - 7 A
Maximum operating head for continuous service 2000 mm H₂O.
Sound pressure level with canalized air 68.2 dB (A), version with plastic box (for protection against dust and accidental contacts) 67.3 dB (A).
W= 400 mm D= 355 mm H= 650 mm
Net Weight= 36 kg Gross Weight= 45 kg

The Turbo-Smart programme can be modified by means of the smart-card to change the function of the machine from aspirator to draining pump or vice versa.

TURBO-SMART VERSION "A" WITHOUT BOX, FITTED WITH HYDROCYCLONE ISO 18

Item 035115 (230V 50/60Hz 1-)

W= 400 mm D= 360 mm H= 650 mm
Net Weight= 39 kg Gross Weight= 48 kg

HYDROCYCLONE ISO 18

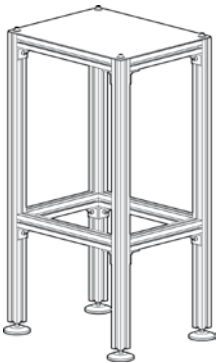


Item 043380

Version for TURBO-SMART

Components: 1 Hydrocyclone, fixing plates, re-circulation hoses.
TÜV tested, according to ISO 11143 standard.

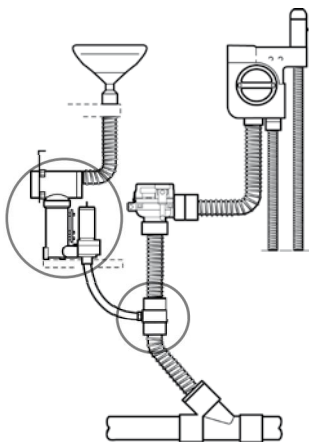
FRAME FOR TURBO-SMART AS DRAINING PUMP



Item 192016

W= 520 mm D= 425 mm H= 945 mm.

SPITTOON FILTER DRAINING UNIT



Item 021960

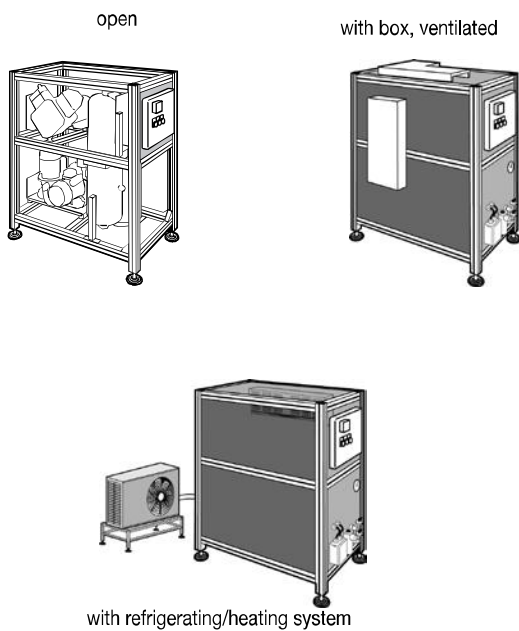
A spittoon draining unit is to be fitted to the dental units when the amalgam separator is installed in a separate plant room.
Components: spittoon filter, electrovalve with magnet, spittoon draining unit-aspirating pipe connection and printed electronic board.

BLOK-JET

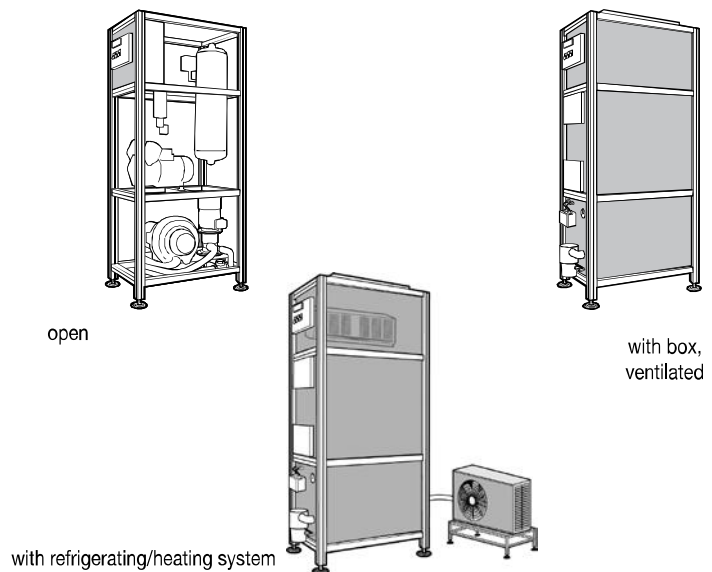
**With BLOK-JET your can rationalize and personalize the plant room.
Send us the details and we will design your BLOK-JET.**

- Each suction machine can service a variable number of dental units depending on different parameters: diameter and length of the piping, number of bends, brand of the dental unit (requirements concerning aspiration can vary), therefore the number of dental units we suggest should not be considered as binding.
- The box does not eliminate vibrations completely but it reduces them.

Horizontal BLOK-JET



Vertical BLOK-JET



Item No.	Description	Voltage V/Hz	Suggested no.of surgeries	Dimensions (mm) W x D x H
VERTICAL VENTILATED BLOK-JET WITH BOX				
Item 070681	Version with: NO.1 ONE-CYLINDER COMPRESSOR HEAD AND NO.1 MICRO-SMART	230/50	1	530 x 760 x 1950
Item 070674	Version with: NO.1 TWO-CYLINDER COMPRESSOR HEAD AND NO.1 TURBO-SMART "A" WITH HYDROCYCLONE ISO 18	230/50	2	700 x 840 x 2100
Item 070675	Version with: NO.1 THREE-CYLINDER COMPRESSOR HEAD AND NO.1 TURBO-SMART "B" WITH PASSWORD* AND HYDROCYCLONE ISO 18	400/50	4	700 x 840 x 2100
Item 070676	Version with: no.2 THREE-CYLINDER COMPRESSOR HEADS and no.2 TURBO-SMART "B" with PASSWORD* and HYDROCYCLONE ISO 18	400/50	6/8	870 x 1650 x 1900
BLOK-JET WITH NOISE-REDUCING BOX AND REFRIGERATING/HEATING SYSTEM				
Item 073676	Version with: no.2 THREE-CYLINDER COMPRESSOR HEADS and no.2 TURBO-SMART "B" with PASSWORD* and HYDROCYCLONE ISO 18	400/50	6/8	1600 x 800 x 1950

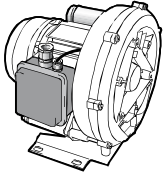
* The password must be ordered separately. Its price is not included in the Blok-Jet price.

CENTRALIZED DRY AND SEMI-WET ASPIRATION SYSTEMS

- Control panels designed for two or more aspiration units are fitted with an electronic device to start/stop one or more motors automatically according to aspiration need.
- The connecting device for the electronic circuit of all electronic control panels (i.e. all control panels marked by a final E, like C 75/1E, C75/E etc.) must be completed with a peripheral P.B. unit to be placed next to the tip support.
- **Two-fan aspiration units warm up proportionally to operating head value. If operating head gets above 1500 mm H₂O, the room must be adequately ventilated or conditioned; the installation of a thermal compensating valve (supplied separately) is always recommended.**
- **Each suction machine can service a variable number of dental units depending on different parameters: diameter and length of the piping, number of bends, brand of the dental unit (requirements concerning aspiration can vary), therefore the number of dental units we suggest should not be considered as binding.**

ASPIRATION UNITS

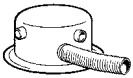
UNI-JET 75 ASPIRATION UNIT



Item 020322 (230V 50Hz 1-)

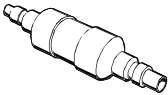
The motor is protected by a thermal device.
Single-phase output power 0.4 kW - 3.1 A, maximum flow 1250 l/min, maximum operating head for continuous service 1300 mm H₂O.
Single-surgery use.
Sound pressure level with canalized air 62 dB (A).
W= 231.5 mm D= 246 mm H= 251 mm
Net Weight= 10 kg Gross Weight= 12 kg

ACCESSORIES FOR UNI-JET 75



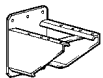
Item 020240

SUPPLEMENTARY SILENCER FOR EXHAUSTED AIR



Item 160562

BRACKET FOR UNI-JET 75



Item 044500

For wall-mounting of Uni-Jet 75.

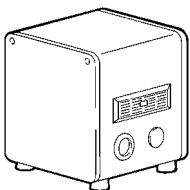
MINI CONTROL PANEL



Item 020270 (230V 50Hz 1-)

For one single-phase Uni-Jet 75.

UNI-JET 75 WITH BOX



Item 020274 (230V 50Hz 1-)

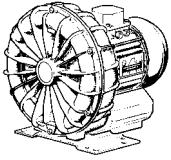
Without control panel.
Sound pressure level with canalized air 58 dB (A).
W= 315 mm D= 280 mm H= 330 mm
Net Weight= 17 kg Gross Weight= 20 kg

UNI-JET 75 WITH BOX AND INTERNAL CONTROL PANEL

Item 020276 (230V 50Hz 1-)

• Sound pressure level tested according to ISO regulation 3746 -1979 (E).
Parameters: r =1.5 - background noise ≤ 51 dB (A) - instrument: Brüel & Kjær type 2232.

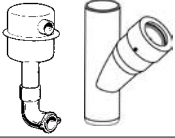
TECNO-JET ASPIRATION UNIT



Item 020590 (230V 50Hz 1-)
Item 020600 (230/400V 50Hz 3-)

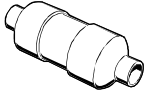
Single-phase output power 0.75 kW - 5.5 A, three-phase output power 0.75 kW - 3.4/1.95 A, maximum flow 2000 l/min, maximum operating head for continuous service 1400 mm H₂O.
Suggested for 3 dental units working at the same time.
Sound pressure level with canalized air 68 dB (A)
W= 302,5 mm D= 302 mm H= 319 mm
Net Weight= 18 kg Gross Weight= 21 kg

ACCESSORIES FOR TECNO-JET



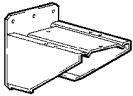
Item 020611 With one-way valve and compensating valve.

SUPPLEMENTARY SILENCER FOR EXHAUSTED AIR



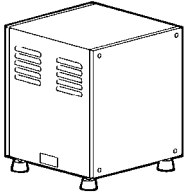
Item 160563

BRACKET FOR TECNO-JET



Item 044200 For wall-mounting of Tecno-Jet.

TECNO-JET WITH BOX



Item 020601 (230V 50Hz 1-)
Item 020606 (230/400V 50Hz 3-)

Sound pressure level with canalized air 60 dB (A).
W= 390 mm D= 345 mm H= 410 mm

TECNO-JET WITH BOX AND ELECTRICAL CONTROL PANEL

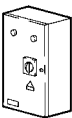
Item 020615 (230V 50Hz 1-)

THERMAL COMPENSATING VALVE FOR TECNO-JET ASPIRATION UNIT



Item 160639

CONTROL PANELS C93/1 - C93



Item 020630
Item 020640

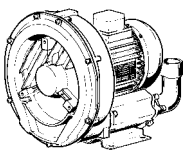
For one Tecno-Jet single - or three-phase respectively.
W= 300 mm D= 170 mm H= 400 mm

CONTROL PANELS C94/1E - C94/E ELECTRONIC VERSION

Item 023200
Item 023240

For 2 Tecno-Jet units single - or three-phase respectively.
W= 400 mm D=220 mm H= 580 mm

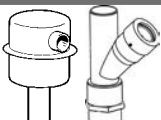
FLUX-JET ASPIRATION UNIT



Item 020701 (230V 50Hz 1-)
Item 020702 (230/400V 50Hz 3-)

Output power single-phase 1.1 kW - 7.6 A, three-phase 1.5 kW - 6.4/3.7A, maximum flow 3300 l/min, maximum operating head for continuous service 1500 mm H₂O.
Suggested for 4 surgeries working at the same time.
Sound pressure level with canalized air 68.5 dB (A).
W= 334 mm D= 405 mm H= 341 mm
Net Weight= 22 kg Gross Weight= 25 kg

ACCESSORIES FOR FLUX-JET 1.1 kW ACCESSORIES FOR FLUX-JET 1.5 kW



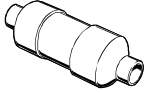
Item 020831

With one-way valve and compensating valve.

Item 020832

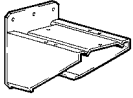
• Sound pressure level tested according to ISO regulation 3746 -1979 (E).
Parameters: r =1.5 - background noise ≤ 51 dB (A) - instrument: Brüel & Kjær type 2232
Note: Antibacterial filters at page 48.

SUPPLEMENTARY SILENCER FOR EXHAUSTED AIR



Item 160564

BRACKET FOR FLUX-JET

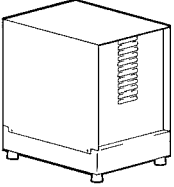


Item 044300 For wall-mounting of Flux-Jet.

FLUX-JET WITH BOX

Item 020825 (230V 50Hz 1-)
Item 020826 (230/400V 50Hz 3-)

Sound pressure level with canalized air 63 dB (A).
W= 520 mm D= 430 mm H= 510 mm



Item 020824 (230V 50Hz 1-)

FLUX-JET WITH BOX AND ELECTRICAL CONTROL PANEL

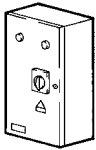
THERMAL COMPENSATING VALVE FOR FLUX-JET ASPIRATION UNIT



Item 160647

CONTROL PANELS C73 - C74

Item 020850 For one Flux-Jet unit single - or three-phase respectively.
Item 020860 W= 300 mm D= 170 mm H= 400 mm



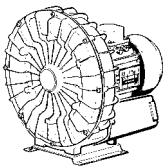
CONTROL PANELS C75/1E - C75/E ELECTRONIC VERSION

Item 023300 For 2 Flux-Jet units single - or three-phase respectively.
Item 023310 W= 400 mm D= 220 mm H= 580 mm

CONTROL PANELS C77/1E - C77/E ELECTRONIC VERSION

Item 023340 For 3 Flux-Jet units single - or three-phase respectively.
Item 023350 W= 550 mm D= 250 mm H= 700 mm

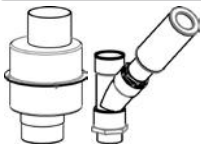
MEDIO-JET ASPIRATION UNIT



Item 021030 (230/400V 50Hz 3-)

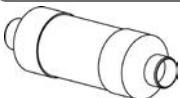
Output power three-phase 2.2 kW - 9/5.2 A, maximum flow 5000 l/min,
maximum operating head for continuous service 1750 mm H₂O.
Suggested for 7 surgeries working at the same time.
Sound pressure level with canalized air 76 dB (A).
W= 395 mm D= 332 mm H= 415 mm

ACCESSORIES FOR MEDIO-JET



Item 021040 With one-way valve and compensating valve.

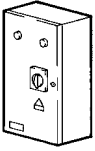
SUPPLEMENTARY SILENCER FOR EXHAUSTED AIR



Item 160565

• Sound pressure level tested according to ISO regulation 3746 -1979 (E).
Parameters: r =1.5 - background noise ≤ 51 dB (A) - instrument: Brüel & Kjær type 2232.
Note: Antibacterial filters at page 48.

CONTROL PANEL C58

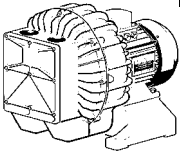


Item 021050 For 1 three-phase Medio-Jet unit.
W= 300 mm D= 170 mm H= 400 mm

CONTROL PANEL C59/E ELECTRONIC VERSION

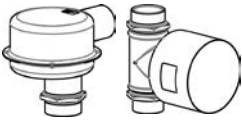
Item 023400 For 2 three-phase Medio-Jet units.
W= 400 mm D= 220 mm H= 580 mm

MAXI-JET 2S ASPIRATION UNIT



Item 021090 (230/400V 50Hz 3-) Output power three-phase 4 kW - 16,7/9,7 A, maximum flow 8333 l/min, maximum operating head for continuous service 1700 mm/H₂O. Suggested for 12 surgeries working at the same time. Sound pressure level with canalized air 76.5 dB (A).
W= 566 mm D= 422 mm H= 443 mm

ACCESSORIES FOR MAXI-JET 2S



Item 021100 With one-way valve and compensating valve.

CONTROL PANEL C82

Item 021110 For 1 three-phase Maxi-Jet 2S unit.
W= 300 mm D= 170 mm H= 400 mm

CONTROL PANEL C83/E ELECTRONIC VERSION

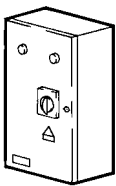
Item 023450 For 2 three-phase Maxi-Jet 2S units.
W= 400 mm D= 220 mm H= 580 mm

CONTROL PANEL C84/E ELECTRONIC VERSION

Item 023460 For 3 three-phase Maxi-Jet 2S units.
W= 550 mm D= 250 mm H= 700 mm

CONTROL PANEL C85/E ELECTRONIC VERSION

Item 023470 For 4 three-phase Maxi-Jet 2S units.
W= 550 mm D= 250 mm H= 700 mm



TWO-WAY PERIPHERAL P.B. UNIT (senses the hose diameter: Ø 16 or Ø 11)

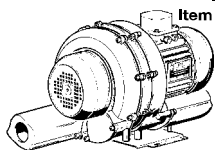


Item 180949 The peripheral P.B. unit is required only with electronic control panels (those marked by a final E, like C75/1E, C75/E etc.). Each tip support has to be fitted with one peripheral P.B. unit which must be placed next to it.
W= 70 mm D= 70 mm H= 22 mm

DOUBLE-FAN ASPIRATION UNITS 2V

Double-fan aspiration units warm up proportionally to operating head value. If operating head gets above 1500 mm H₂O, the room must be adequately ventilated or conditioned.

UNI-JET 75 2V ASPIRATION UNIT



Item 020370 (230V 50Hz 1-) Output power single-phase 0.70 kW - 5.2 A, three-phase 0.75 kW - 3.4/1.95 A. Maximum flow 1330 l/min. Maximum operating head for continuous service 2850 mm H₂O. Suggested for single-surgery use. Sound pressure level with canalized air 64 dB (A).
W= 246 mm D= 491 mm H= 251 mm
Net Weight= 13 kg Gross Weight= 15 kg

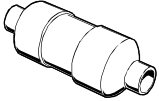
ACCESSORIES FOR UNI-JET 75 2V



Item 020248 With one-way valve.

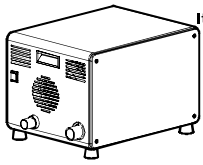
• Sound pressure level tested according to ISO regulation 3746 -1979 (E).
Parameters: r =1.5 - background noise ≤ 51 dB (A) - instrument: Brüel & Kjær type 2232.
Note: Antibacterial filters at page 48.

SUPPLEMENTARY SILENCER FOR EXHAUSTED AIR



Item 160563

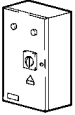
UNI-JET 75 2V WITH BOX



Item 020386 (230V 50Hz 1-)
Item 020388 (230/400V 50Hz 3-)

Without control panel.
Sound pressure level with canalized air 61.3 dB (A).
W= 520 mm D= 350 mm H= 320 mm
Net Weight= 25 kg Gross Weight= 33 kg

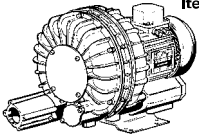
CONTROL PANELS C93/1 - C93



Item 020630
Item 020640

For one Uni-Jet 75 2V single - or three-phase respectively.
W= 300 mm D= 170 mm H= 400 mm

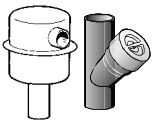
TECNO-JET 2V ASPIRATION UNIT



Item 020921 (230V 50Hz 1-)
Item 020922 (230/400V 50Hz 3-)

Output power single-phase 1.1 kW - 7.5 A, three-phase 1.5 kW - 6/3.5 A.
Maximum flow 2170 l/min.
Maximum operating head for continuous service single-phase 2000 mm H₂O, three-phase 2350 mm H₂O.
Suggested for 2 surgeries working at the same time.
Sound pressure level with canalized air 65 dB (A).
W= 303 mm D= 543 mm H= 319 mm

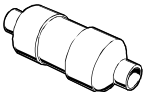
ACCESSORIES FOR TECNO-JET 2V 1.1 kW ACCESSORIES FOR TECNO-JET 2V 1.5 kW



Item 020621
Item 020613

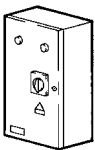
With one-way valve and thermal compensating valve.

SUPPLEMENTARY SILENCER FOR EXHAUSTED AIR



Item 160563

CONTROL PANELS C73 - C74



Item 020850
Item 020860

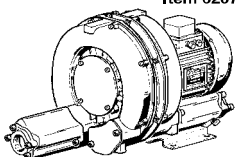
For one Tecno-Jet 2V unit single- or three-phase respectively.
W= 300 mm D= 170 mm H= 400 mm

CONTROL PANELS C75/1E - C75/E ELECTRONIC VERSION

Item 023300
Item 023310

For 2 Tecno-Jet 2V units single- or three-phase respectively.
W= 400 mm D= 220 mm H= 580 mm

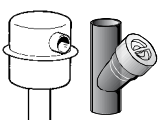
FLUX-JET 2V ASPIRATION UNIT



Item 020715 (230/400V 50Hz 3-)

Output power three-phase 2.2 kW - 9/5.2 A.
Maximum flow 3330 l/min. Maximum operating head for continuous service 2350 mm H₂O. Suggested for 4 surgeries working at the same time.
Sound pressure level with canalized air 72 dB (A).
W= 334 mm D= 575 mm H= 341 mm

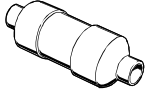
ACCESSORIES FOR FLUX-JET 2V



Item 020837

With one-way valve and thermal compensating valve.

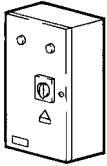
SUPPLEMENTARY SILENCER FOR EXHAUSTED AIR



Item 160564

CONTROL PANEL C58

Item 021050 For no.1 Flux-Jet 2V three-phase.
W= 300 mm D= 170 mm H= 400 mm



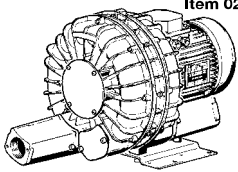
CONTROL PANEL C59/E ELECTRONIC VERSION

Item 023400 For 2 three-phase Flux-Jet 2V units.
W= 400 mm D= 220 mm H= 580 mm

CONTROL PANEL C60/E ELECTRONIC VERSION

Item 023410 For 3 three-phase Flux-Jet 2V units.
W= 550 mm D= 250 mm H= 700 mm

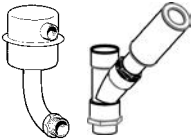
MEDIO-JET 2V ASPIRATION UNIT



Item 020930 (230/400V 50Hz 3-)

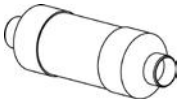
Output power three-phase 4 kW - 15.6/9 A.
Maximum flow 4830 l/min. Maximum operating head for continuous service 2450 mm H₂O. Suggested for 7 surgeries working at the same time.
Sound pressure level with canalized air 77 dB (A).
W= 395 mm D= 705 mm H= 415 mm

ACCESSORIES FOR MEDIO-JET 2V



Item 021045 With one-way valve and thermostatic compensating valve.

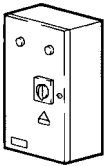
SUPPLEMENTARY SILENCER FOR EXHAUSTED AIR



Item 160565

CONTROL PANEL C82

Item 021110 For one Medio-Jet 2V unit.
W= 300 mm D= 170 mm H= 400 mm



CONTROL PANEL C83/E ELECTRONIC VERSION

Item 023450 For two three-phase Medio-Jet 2V units.
W= 400 mm D= 220 mm H= 580 mm

• Units installed in parallel must be fitted with a silencer with one-way valve.

Note 1 In case our standard products cannot meet the necessary requirements, we are willing to design special personalized solutions.

• Sound pressure level tested according to ISO regulation 3746 -1979 (E).

Parameters: r =1,5 - background noise ≤ 51 dB (A) - instrument: Brüel & Kjær type 2232.

Note 2 Antibacterial filters at page 48 are available on request.

BLOK-JET FOR DRY AND WET PLANTS

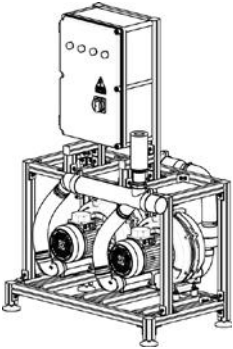
(design and offer on request)

FOR LARGE PLANTS.

BLOK-JET is a convenient solution both for its price and for management costs.

A LARGE PLANTS CATALOGUE is available on request, where you can find 7 Blok-Jets for aspiration systems from 15 to 230 dental units and 9 Blok-Jets for compressed air distribution systems from 15 to 230 dental units.

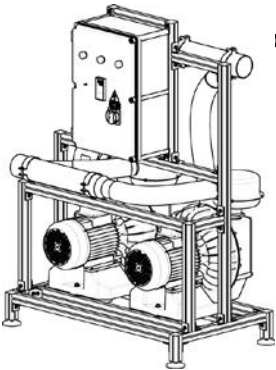
2 FLUX-JET 2V + FRAME + C59/E CONTROL PANEL



Item 020835
(230/400V 50Hz 3-)

W= 1000 mm D= 700 mm H= 1500 mm

2 MAXI-JET 2S + FRAME + C83/E CONTROL PANEL



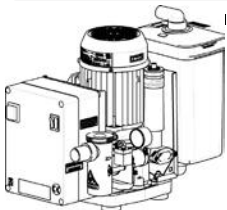
Item 020836
(230/400V 50Hz 3-)

W= 1150 mm D= 700 mm H= 1500 mm

WET CENTRALIZED PLANTS

- Control panels designed for two or more pumps are fitted with an electronic device to start/stop one or more pumps automatically according to aspiration demand.
- The connecting device for the electronic circuit of all electronic control panels (i.e. all control panels marked by a final E, like C75/1E, C75/E etc.) must be completed with a peripheral P.B. unit to be placed next to the tip support.
- Tip supports and electropneumatic valves, which are necessary in all wet plants, are listed in the dry plants section at pages 25 and 27.
- **Each suction machine can service a variable number of dental units depending on different parameters: diameter and length of the piping, number of bends, brand of the dental unit (requirements concerning aspiration can vary) therefore the number of dental units we suggest should not be considered as binding.**
- The water feeding to the pumps PAL 28 and PAL 50 is made according to UNI EN 1717, November 2002, cat.5, protection unit A and B regulations (air break to drain). Water feedings to the pumps PAL 14 and PAL 38 has to be made according to UNI EN 1717, November 2002, cat. 5, protection unit A and B regulations.

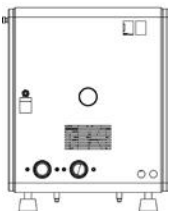
PAL 14 PUMP WITHOUT BOX WITH CONTROL PANEL



Item 021211 (230V 50Hz 1-)

It replaces item 021191.
Output power single-phase 0.8 kW - 5 A, maximum flow 500 l/min, maximum operating head for continuous service 2700 mm H₂O.
Suggested for 2 surgeries working at the same time with surgical tips or 1 surgery with tip no 17 and the other with a surgical tip.
Average water consumption: 2 l/min with piping pressure of 4 bar.
W= 530 mm D= 340 mm H= 365 mm

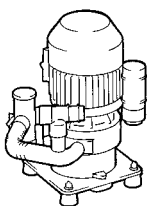
PAL 14 PUMP WITH BOX AND CONTROL PANEL



Item 021270 (230V 50Hz 1-)

It replaces item 021250.
As for technical specifications, refer to the model without box, item 021211.
W= 510 mm D= 360 mm H= 445 mm

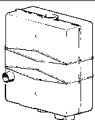
PAL 38 PUMP WITHOUT BOX



Item 021360 (230V 50Hz 1-)
Item 021350 (230/400V 50Hz 3-)

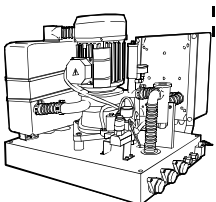
Output power single-phase 1.3 kW - 9 A, three-phase 1.5 kW - 6.4/3.7 A, maximum flow 833 l/min, maximum operating head for continuous service 3300 mm H₂O.
Suggested for 4 surgeries working at the same time with surgical tips or two surgeries with surgical tips and the other two with tips no.17.
Average water consumption 6 l/min with piping pressure of 4 bar.
Sound pressure level with canalized air 68 dB (A).
W= 360 mm D= 310 mm H= 415 mm
Net Weight= 27 kg Gross Weight= 33 kg

AIR/WATER SEPARATOR FOR PAL 38



Item 021391 * W= 315 mm D= 175 mm H= 400 mm

PAL 38 PUMP WITHOUT BOX WITH AIR/WATER SEPARATOR AND CONTROL PANEL

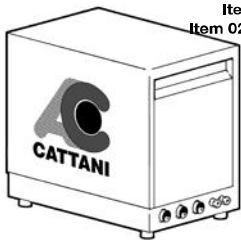


Item 021422 (230V 50Hz 1-)
Item 021426 (400V 50Hz 3-)

As for technical specifications, refer to the models without box, items 021360-021350.
W= 660 mm D= 390 mm H= 560 mm
Net Weight= 42 kg Gross Weight= 53 kg

- Sound pressure level tested according to ISO regulation 3746 -1979 (E).
Parameters: r =1.5 - background noise ≤ 34 dB (A) - instrument: Brüel & Kjær type 2232.
- * Item 021391 is indispensable to complete Items 021360-021350.

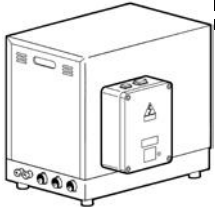
PAL 38 PUMP WITH BOX AND AIR/WATER SEPARATOR



Item 021400 (230V 50Hz 1-)
Item 021410 (230/400V 50Hz 3-)

As for technical specifications, refer to the models without box, items 021360-021350.
Sound pressure level with canalized air 64 dB (A).
W= 660 mm D= 520 mm H= 560 mm
Net Weight= 45 kg Gross Weight= 56 kg

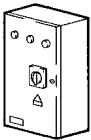
PAL 38 PUMP WITH BOX, AIR/WATER SEPARATOR AND CONTROL PANEL



Item 021421 (230V 50Hz 1-)
Item 021425 (400V 50Hz 3-)

As for technical specifications, refer to the models without box, items 021360-021350.
W= 660 mm D= 520 mm H= 560 mm
Net Weight= 55 kg Gross Weight= 67 kg

CONTROL PANELS C78/1- C78



Item 021510
Item 021520

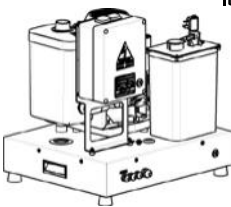
For one PAL 38 unit single - or three-phase respectively.
W= 300 mm D= 170 mm H= 400 mm

CONTROL PANELS C79/1E - C79/E ELECTRONIC VERSION

Item 023600
Item 023610

For 2 PAL 38 units single - or three-phase respectively.
W= 400 mm D= 220 mm H= 580 mm

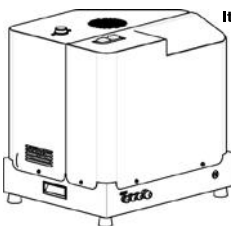
PAL 28 V.E. PUMP WITH BOX WITHOUT COVER - AIR BREAK TO DRAIN ACCORDING TO 1717 (2002) REGULATION



Item 022300 (230V 50Hz 1-)

Output power single-phase 0.8 kW - 5 A, maximum flow 500 l/min, maximum operating head for continuous service 2700 mm H₂O.
Suggested for 2 surgeries working at the same time with surgical tips or for 1 surgery with one tip no.17 and one surgical tip.
Average water consumption: 1.5 l/min with piping pressure of 4 bar.
W= 530 mm D= 435 mm H= 515 mm

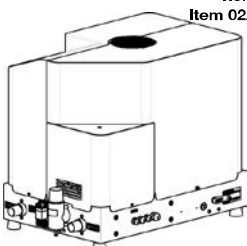
PAL 28 V.E. PUMP WITH BOX WITH COVER - AIR BREAK TO DRAIN ACCORDING TO 1717 (2002) REGULATION



Item 022310 (230V 50Hz 1-)

Performance is the same as the one of PAL 28, item 022300.
W= 530 mm D= 435 mm H= 560 mm

PAL 50 V.E. PUMP WITH BOX AND AIR/WATER SEPARATOR - AIR BREAK TO DRAIN ACCORDING TO 1717 (2002) REGULATION

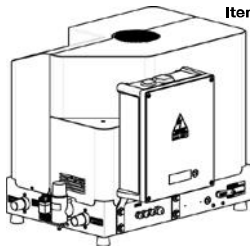


Item 022702 (230V 50Hz 1-)
Item 022706 (230/400V 50Hz 3-)

It replaces item 022502 and 022506.
Output power single-phase 1.3 kW - 9 A, three-phase 1.5 kW - 6.4/3.7 A, maximum flow 833 l/min, maximum operating head for continuous service 3300 mm H₂O.
Suggested for 4 surgeries working at the same time with surgical tips or 2 surgeries with tips no 17 and the other two with surgical tips.
Average water consumption 1.1 l/min with piping pressure of 4 bar.
Sound pressure level with canalized air 69 dB (A).
W= 673 mm D= 435 mm H= 550 mm

- Sound pressure level tested according to ISO regulation 3746 -1979 (E).
Parameters: r =1.5 - background noise ≤ 34 dB (A) - instrument: Brüel & Kjær type 2232.
Note: Antibacterial filters at page 48.

PAL 50 V.E. PUMP WITH BOX, AIR/WATER SEPARATOR AND CONTROL PANEL - AIR BREAK TO DRAIN ACCORDING TO 1717 (2002) REGULATION



Item 022711 (230V 50Hz 1-)
Item 022716 (400V 50Hz 3-)

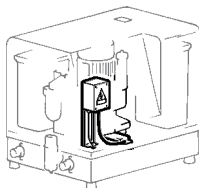
It replaces item 022511 and 022516.
As for technical specifications, refer to item 022702-022706.
Sound pressure level with canalized air 69 dB (A).
W= 673 mm D= 549 mm H=550 mm

SUPPLEMENTARY SILENCER FOR EXHAUSTED AIR



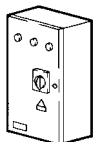
Item 160560 For all pumps PAL 22 and 50 V.E.

ANTIFREEZE DEVICE FOR PAL 14 - 28 - 38 - 50 WITH BOX



Item 160515 It comes into operation at 15 °C.

CONTROL PANELS C501/1 - C501



Item 022610 For one PAL 50 V.E. unit single- or three-phase respectively.
Item 022600 W= 300 mm D= 170 mm H= 400 mm.

CONTROL PANELS C502/1E - C502/E ELECTRONIC VERSION

Item 023500 For 2 PAL 50 V.E. units single- or three-phase respectively.
Item 023510 W= 400 mm D= 220 mm H= 580 mm

CONTROL PANELS C503/1E - C503/E ELECTRONIC VERSION

Item 023520 For 3 PAL 50 V.E. units single- or three-phase respectively.
Item 023540 W= 550 mm D= 250 mm H= 700 mm

CONTROL PANELS C504/1E-C504/E ELECTRONIC VERSION

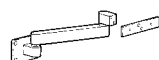
Item 023550 For 4 PAL 50 V.E. units single- or three-phase respectively.
Item 023560 W= 550 mm D= 250 mm H= 700 mm

TWO-WAY PERIPHERAL P.B. UNIT (senses the hose diameter: Ø 16 or Ø 11)



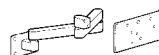
Item 180949 The peripheral P.B. unit is required only with electronic control panels (those marked by a final E, like C75/1E, C75/E etc.). Each tip support has to be fitted with one peripheral P.B. unit which must be placed next to it.
W= 70 mm P= 70 mm H= 22 mm

1-SEGMENT ARM



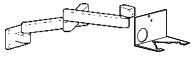
Item 040030 For tip support.
(for manual tip support) min. W= 50 mm max. W= 270 mm + tip support.
Item 040035 (for mechanical tip support)
Item 040020 (for pneumatic tip support)

2-SEGMENT ARM



Item 040050 For tip support.
(for manual tip support) min. W= 50 mm max. W= 470 mm + tip support.
Item 040055 (for mechanical tip support)
Item 040040 (for pneumatic tip support)

3-SEGMENT ARM



Item 040043
(for mechanical tip support)
Item 040042
(for pneumatic tip support)

For tip support.
min. W= 50 mm max. W= 680 mm + tip support.

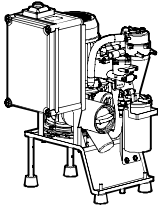
ONE-WAY VALVE FOR PUMPS INSTALLED IN PARALLEL



Item 240807

ISO AMALGAM SEPARATORS FOR PAL WET-RING PUMPS

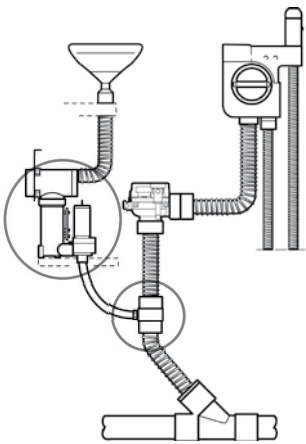
HYDROCYCLONE IS 18 (ISO amalgam separator) For PAL 14, 28, 38 and 50 V.E. With electronic amalgam level control.



Item 043532

Components: centrifuge, 1 Hydrocyclone, pressure relief valves, control panel.
Tested by TÜV, according to ISO 11143 standard.
W= 470 mm D= 400 mm H= 360 mm

SPITTOON DRAINING FILTER UNIT



Item 021960

The spittoon draining unit must be fitted to the dental units in case the amalgam separator is installed in a separate plant room.
Components: spittoon filter, electrovalve with magnet, branching tube for spittoon draining unit, aspiration pipe and printed board.







(Pneumatic tip support and electropneumatic valve not included)






NOTE: Pumps PAL 38 and PAL 50 V.E. cannot be installed in parallel without the one-way valve (item 240807).





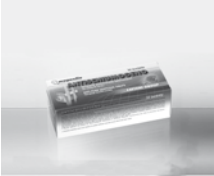



CHEMICALS FOR HYGIENE AND DISINFECTION
OF DENTAL SURGERIES

CHEMICALS FOR HYGIENE AND DISINFECTION OF DENTAL SURGERIES

PRODUCT	APPLICATION FIELD	RANGE OF ACTION	CERTIFICATES AND STANDARDS	CODE	
FAST & STERIL 3 	25 doses pack High level disinfectant and sterilizer for medical devices, surgical instruments and dental suction equipment.	bactericide action within less than 10 min. fungicide action within less than 10 min. tuberculocide action within less than 15 min. virucide action within less than 10 min. sporicide action within less than 15 min.	CE 0434 IIb Class Medical Device UNI EN 1276 UNI EN 13697 UNI EN 1650 UNI EN 14563 UNI EN 14476 UNI EN 13704	Item 055320	
FAST & STERIL 3 DENTAL IMPRESSION 	25 doses pack High level disinfectant and sterilizer for dental impressions.	bactericide action within less than 10 min. fungicide action within less than 10 min. tuberculocide action within less than 15 min. virucide action within less than 10 min. sporicide action within less than 15 min.	CE 0434 IIb Class Medical Device UNI EN 1276 UNI EN 13697 UNI EN 1650 UNI EN 14563 UNI EN 14476 UNI EN 13704	Item 055330	
ECO-JET 2 	4-bottle pack x 1 litre concentrate/bottle to be diluted at 1.5% or at 3% for use. High-level disinfectant for the initial cleansing treatment after use of surgical instruments before sterilization. It is compatible with all metals and plastics.	Dilution at 3%: bactericide action within less than 5 min., fungicide action within less than 10 min., tuberculocide action within less than 5 min., virucide action within less than 5 min.	CE 0434 IIb Class Medical Device UNI EN13727-14561 UNI EN13624-14562 UNI EN14348 pr EN 14563 UNI EN14476	Item 040775	
QUICK STERIL 	4-bottle pack x 1 litre. Concentrate for the sterilization of surgical instruments.	Dilution at 6%: bactericide action within less than 5 min., fungicide action within less than 5 min., tuberculocide action within less than 5 min., virucide action within less than 5 min., sporicide action within less than 4 hours	CE 0434 IIb Class Medical Device UNI EN13727-14561 UNI EN13624-14562 UNI EN14348 pr EN 14563 UNI EN14476 pr EN 13704 AFNOR NF T72-190	Item 060920	
QUICK STERIL indicator 	100-test bottle. To be used to verify the Quick Steril minimum effective concentration.		CE 0434 IIb Class Medical Device	Item 060930	
ECO-JET 1 Tissue 	6 -piece pack – 100 wipes/piece. Detergent high-level disinfecting wet wipes for small surfaces.	bactericide action within less than 5 min., virucide (HIV, HBV, HCV) action within less than 15 min., fungicide action within less than 15 min., tuberculocide action within less than 5 min.	CE 0434 IIa Class Medical Device UNI EN13713-13697 UNI EN 14476 UNI EN 1650-13697 UNI EN 14348	Item 040742	

PRODUCT	APPLICATION FIELD	RANGE OF ACTION	CERTIFICATES AND STANDARDS	CODE	
ECO-JET 1 Spray 	4 –piece pack x 500 ml/piece. Surface high-level disinfecting detergent.	bactericide action within less than 5 min., virucide (HIV, HBV, HCV) action within less than 15 min., fungicide action within less than 15 min., tuberculocide action within less than 5 min.	CE 0434 Ila Class Medical Device UNI EN13713-13697 UNI EN 14476 UNI EN 1650-13697 UNI EN 14348	Item 040745	
ECO-JET 1 Spray Refill 	5 litre tank to refill the bottle. Surface high-level disinfecting detergent.	bactericide action within less than 5 min., virucide (HIV, HBV, HCV) action within less than 15 min., fungicide action within less than 15 min., tuberculocide action within less than 5 min.	CE 0434 Ila Class Medical Device UNI EN13713-13697 UNI EN 14476 UNI EN 1650-13697 UNI EN 14348	Item 040764	
AC NET 	4–bottle pack x 500 ml/bottle with cloth “All Clean”. Spray cleaner for autoclave chambers (ready for use).			Item 040807	
AQUA PLUS 	4–bottle pack x 500 ml/bottle. Concentrated for disinfecting solutions for anti-biofilm treatment and disinfection of the dental unit water supply piping.	Dilution at 4%: bactericide action against Legionella within less than 5 min., bactericide action within less than 10 min., tuberculocide action within less than 10 min., fungicide action within less than 60 min.	CE 0434 Ila Class Medical Device pr EN 13623 UNI EN13727 UNI EN 14348 UNI EN 13624	Item 060942	
LUBRI-JET Spray 	4-spray can pack x 150 ml / can. Spray silicone lubricant, nonflammable and ozone friendly propellant.			Item 040737	
LUBRI-JET Drop 	4-phial (with nozzle) pack x 30 ml / phial. Silicone lubricant for the periodic lubrication of pincers, scissors and other instruments of the dental surgery.			Item 040727	

PRODUCT	APPLICATION FIELD	RANGE OF ACTION	CERTIFICATES AND STANDARDS	CODE	
PULI-JET PLUS NEW 	4-bottle pack x 1 litre/bottle of concentrate to be diluted at 0.8% (disinfectant action) or at 0,4 % (sanitizing action). Disinfecting detergent for aspirators. Anti-scale agent (indispensable for wet-ring pumps and centrifugal separators).	bactericide fungicide tuberculocide virucide (HIV, HBV, HCV).	CE 0434 Ila Class Medical Device UNI EN13727-14561 UNI EN 13624-14562 pr EN 14563 UNI EN 14476	Item 060900	
PULI-JET CLASSIC 	Space saving size 4-bottle pack x 5 litres / bottle of concentrate to be diluted at 5% Sanitizing detergent for aspirator cleaning.	Detergent Odour repellent. Sanitizing: bactericide, let it work for one night (or at least for 1 hour)		Item 040715	
PULI-JET plus 	4-bottle pack x 1 litre / bottle of concentrate to be diluted at 0,8% (disinfectant action) or at 0,4% (sanitizing action). Disinfecting detergent for aspirators.	bactericide, fungicide, tuberculocide.	CE 0434 Ila Class Medical Device UNI EN13727-14561 UNI EN13624-14562 Pr EN14348	Item 040750	
DISINFECTANT ANTIFOAM TABLETS 	10-box pack – 50 tablets / box. Disinfectant antifoam tablets for dental aspirators.	Day-lasting antifoam action Disinfectant: bactericide, candidicide.	CE 0434 Ila Class Medical Device UNI EN13727 UNI EN13624	Item 040826	
SANITIZING ANTIFOAM TABLETS 	10-box pack – 50 tablets / box. Sanitizing antifoam tablets for dental aspirators.	Day-lasting antifoam action. Sanitizing bactericide action.		Item 040786	
PROMOTIONAL KIT OF MAGNOLIA PRODUCTS 	Components: no.1 Fast&Steril 4 single-dose pack, no.1 Eco-Jet 2 1 litre-bottle, no.1 Eco-Jet 1 spray 500 ml-bottle, no.1 AC Net 500 ml-bottle, no.1 Eco-Jet 1 Tissue 100-wipes box, no.1 Lubri-Jet drop 30 ml-phial. Kit for hygiene and disinfection of dental surgeries .			Item 040804	



CONSUMABLE ITEMS , ACCESSORIES
AND SPARE PARTS

ACCESSORIES FOR MAINTENANCE

CONSUMABLE ITEMS

Plastic tips (packaging of 3 pieces per type)

Ila class medical device CE 0434



Item 040230
Surgical
tip 9



Item 040240
Surgical
tip 10



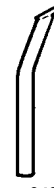
Item 040255
Spray
interceptor 20



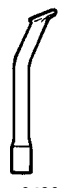
Item 040258
Spray
interceptor 22



Item 040257
Surgical
tip 21



Item 040250
Spray
interceptor for
wet system 17



Item 040260
Spray
interceptor for
dry system 11

Plastic tips (packaging of 51 pieces per type)

Ila class medical device CE 0434

Item 040290
Surgical
tip 9

Item 040300
Surgical
tip 10

Item 040315
Spray
interceptor 20

Item 040318
Spray
interceptor 22

Item 040317
Surgical
tip 21

Item 040310
Spray
interceptor for
wet system 17

Item 040320
Spray
interceptor for
dry system 11

Plastic tips (packaging of 102 pieces per type)

Ila class medical device CE 0434

Item 040360
Surgical
tip 9

Item 040370
Surgical
tip 10

Item 040345
Spray
interceptor 20

Item 040348
Spray
interceptor 22

Item 040347
Surgical
tip 21

Item 040340
Spray
interceptor for
wet system 17

Item 040350
Spray
interceptor for
dry system 11



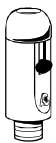
Item 040502
Autoclavable spittoon-funnel



Item 040515
Adapter for saliva ejector



Item 040520
Adapter to fit $\varnothing 11$ tip
onto $\varnothing 16$ terminal



Item 040641-040631
Manual terminal type "B" $\varnothing 16$ and $\varnothing 11$, grey



Item 040820
Tube brush for large tips



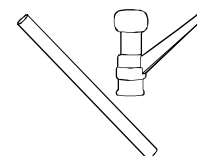
Item 040810
Tube brush for small tips



Item 270170
Cillit water softener salts
(12 bag packaging)



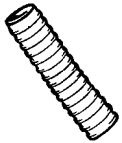
Item 040720
Pulse-Cleaner



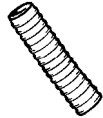
Item 040837
Puli-Jet dispenser kit

Suction hose 2011 to be thermo-disinfected (minimum quantity 25 m)

It can be treated at 90/95 °C with a thermo-disinfector



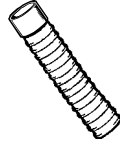
Item 040881
grey Ø 17,5



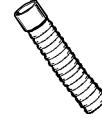
Item 040907
grey Ø 11

Suction hose 2011 to be thermo-disinfected with turning attachments

It can be treated at 90/95 °C with a thermo-disinfector.
Hose length: 140 cm.

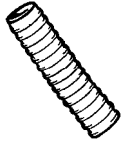


Item 041351
grey Ø 17,5

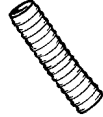


Item 041349
grey Ø 11

VHR hose (minimum quantity 25 m)



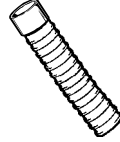
Item 040869
grey Ø 17,5



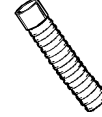
Item 040904
grey Ø 11

VHR hose with turning attachments

Hose length: 140 cm.

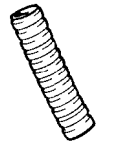


Item 041345
grey Ø 17,5

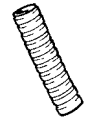


Item 041342
grey Ø 11

Flat coil hose (minimum quantity 25 m)



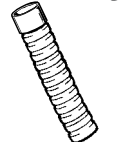
Item 040860
grey Ø 17,5



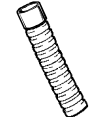
Item 040890
grey Ø 11

Flat coil hose with turning attachments

Hose length: 140 cm.

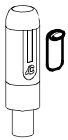


Item 041344
grey Ø 17,5

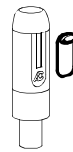


Item 041341
grey Ø 11

SPARE PARTS



Item 205368
Tang for terminal "B" Ø11 50 piece pack



Item 205369
Tang for terminal "B" Ø16 50 piece pack

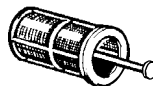
Filtri



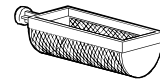
Item 045060
Air filter 50 piece pack



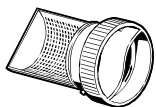
Item 041070
Water filter for Maxi-canister



Item 041055
Water filter for manual tip support



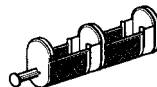
Item 201511
Mechanical tip support manifold filter



Item 201514
Spittoon draining filter unit
(for spittoon draining unit item 021960)



Item 240317
Stainless steel filter for PAL pumps and Turbo-Jet modular (replaces Item 041090). Now made of stainless steel for a long lasting use.



Item 201513
Pneumatic manifold stainless steel filter



Item 240303
Stainless steel filter Ø 50 for Turbo-Jet 3 modular, Turbo-Tecno modular and Turbo-Tecno 2V modular.



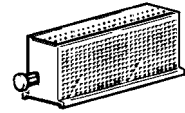
Item 240306
Stainless steel filter Ø 63
 for Turbo-Flux *modular* and
 Turbo-Flux 2V *modular*.



Item 222150
Net filter for Maxi-Canister



Item 168563
**Compressor head/column
 filter**



Item 201515
Pneumatic tip support filter



Item 041080
**Electropneumatic
 valve filter**

Item 041075
**0040 assembled filter
 for PAL 22/50**

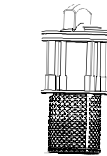
Item 041085
Gold filter for stock Ø 40

Item 041086
Dust filter for stock Ø 40

Item 050155
Gold filter for stock Ø 30

Item 222151
Net filter for stock Ø 30

Item 201544
**Secretion filter for Turbo-
 Smart**



Item 201547
**Secretion filter for Micro-
 Smart**

HEPA H14 ANTIBACTERIAL FILTER WITH FIXING BRACKET



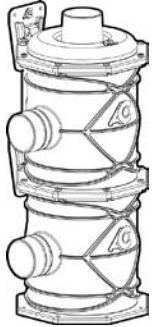
Item 042090 Suggested for 4-6 dental units.
Maximum flow 90 m³/h.
Filtering cartridge to be replaced every 12 months.

CARTRIDGE FOR HEPA H14 h=180 FILTER



Item 160540

HEPA H14 ANTIBACTERIAL FILTER WITH FIXING BRACKET



Item 042092 Suggested for 9-12 dental units.
Maximum flow 188 m³/h.
Filtering cartridge to be replaced every 12 months.

CARTRIDGE FOR HEPA H14 h=375 FILTER



Item 160541

DISPOSABLE AMALGAM CONTAINER (fitted to sedimentation-based amalgam separator)



Item 043010 Spare container with cover.

DISPOSABLE AMALGAM CONTAINER FOR HYDROCYCLONE ISO 5.5



Item 043130 With tight cover.
Ø= 97 mm H= 54 mm

DISPOSABLE AMALGAM CONTAINER FOR HYDROCYCLONE ISO 6



Item 043132 With tight cover.
Ø= 97 mm H= 103 mm

DISPOSABLE AMALGAM CONTAINER FOR HYDROCYCLONE ISO 4



Item 043133 With tight cover.
Ø= 97 mm H= 83 mm

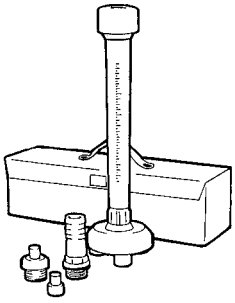
DISPOSABLE AMALGAM CONTAINER FOR HYDROCYCLONE ISO 18



Item 043135 With tight cover.
Ø= 97 mm H= 150 mm

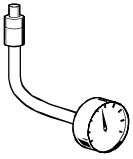
MEASUREMENT INSTRUMENTS

ASA - CATTANI S.P.A. ASAMETER



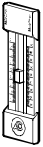
Item 040840 From 2.5 to 25 m³/h, with case.
To check the aspiration flow on terminals.

VACUUM METER



Item 040842 Device to check the aspiration operating head on terminals.

MIN/MAX THERMOMETER



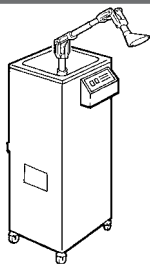
Item 040843



DUST EXTRACTION FOR DENTAL LABORATORIES

DUST EXTRACTION ON MOBILE CABINETS

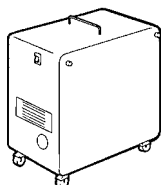
ASPI-LABOR



Item 050010 (230V 50Hz 1~)

The motor is protected by a thermal device.
Output power single-phase 0.4 kW - 3.1 A, maximum flow 1250 l/min,
max. operating head for continuous service 1300 mm H₂O.
Suggested for one work place.
The cabinet is to be located near the bench and the cabinet aspirating
arm can be moved over the spot where aspiration is needed.
Sound pressure level tested with canalized air 67.5 dB (A).
W= 450 mm D= 350 mm H= 760 mm + arm.
Net Weight= 32 kg Gross Weight= 41 kg

MONO-LABOR

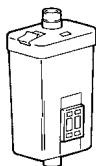


Item 050050 (230V 50Hz 1~)

Technical specifications are the same as Aspi-Labor.
Arm or stock are available on request.
Sound pressure level tested with canalized air 53.5 dB (A).
W= 510 mm D= 270 mm H= 490 mm

DUST EXTRACTION FOR DENTAL LABORATORY WORK BENCHES

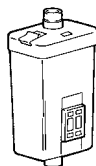
BAG CONTAINER Ø 30 BAG CONTAINER Ø 40 BAG CONTAINER Ø 50



Item 050100 *
Item 050110 *
Item 050117 *

Complete with DIN 44956 T2 paper bag filter.
W= 185 mm D= 125 mm H= 371 mm

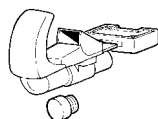
BAG CONTAINER Ø 30 BAG CONTAINER Ø 40 BAG CONTAINER Ø 50



Item 050101 *
Item 050119 *
Item 050118 *

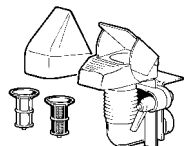
Complete with B.I.A. ZH1/487, UNI EN 779-2002 bag filter.
W= 185 mm D= 125 mm H= 371 mm

STOCK AND STOCK HOLDER Ø 30



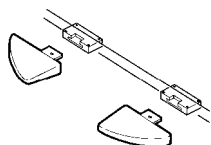
Item 050120 *

Ø 40 ADJUSTABLE HEIGHT STOCK WITH SHELL



Item 050179 *

SHORT ARM-RESTS



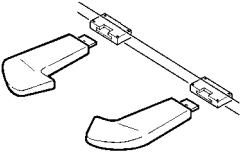
Item 050193

W= 171 mm D= 109 mm H= 28 mm

* These items are necessary for both single work stations and centralized plants.

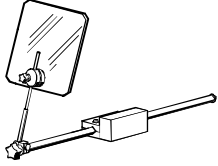
LONG ARM-RESTS

Item 050192 W= 176 mm D= 269 mm H= 30 mm



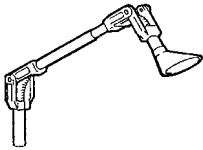
PROTECTION SHIELD COMPLETE WITH ADJUSTABLE STEM

Item 050167



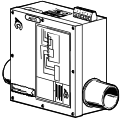
ARM

Item 050143 *



MOTORIZED ELECTROVALVE

Item 050163 ** It can be used also with dusty air.
L= 170 mm P= 66 mm H= 235 mm



BEEPER

Item 185200 ***



SINGLE-WORK STATION FLOWMETER P.B.

Item 050185

CENTRALIZED SYSTEM FLOWMETER P.B.

Item 050183

ZINC COATED IRIS GATE VALVE Ø 80

Item 160800 Aspiration flow control valve.



AUTOMATIC SWITCH ACTIVATED BY MICROMOTOR ABSORPTION

Item 181286

* Components needed for both single-work stations and centralized dust aspiration systems.

** To be used in systems with two or more work stations.

*** This item senses and indicates that filter bag is clogged; they are optional.

STANDARD DUST EXTRACTION FOR 1 WORK STATION

Aspiration unit to be located under the bench or next to it;
aspiration piping Ø 40

Item 050110	1 Bag container Ø 40
Item 050120	1 Stock with stock holder
Item 020323 (230V 50Hz 1-)	1 Uni-Jet 75 Ø 40 aspiration unit
Item 020247	1 Accessories for Uni-Jet 75
Item 041153	1 Tube holder replacement kit

Aspiration unit to be located 8-10 m far from the bench;
aspiration piping Ø 40.

Item 050110	1 Bag container Ø 40
Item 050120	1 Stock with stock holder
Item 020593 (230V 50Hz 1-) Item 020597 (230/400V 50Hz 3-)	1 Tecno-Jet aspiration unit
Item 020610	1 Accessories for Tecno-Jet
Item 041153	1 Tube holder replacement kit

STANDARD DUST EXTRACTION FOR 2 WORK STATIONS

Aspiration unit to be located 8-10 m far from the bench;
aspiration piping Ø 50.

Item 050117	1 Bag container Ø 50
Item 050120	2 Stocks with stock holders
Item 020723 (230V 50Hz 1-) Item 020727 (230/400V 50Hz 3-)	1 Flux-Jet aspiration unit
Item 021043	1 Accessories for Flux-Jet

SPARE PARTS

DIN 44956 T2 PAPER BAG FILTER



Item 050180

B.I.A. ZH1/487, UNI EN 779-2002 FABRIC BAG FILTER

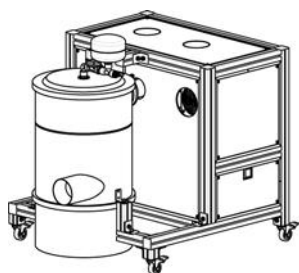


Item 050199

DUST EXTRACTION FOR DENTAL LABORATORY CENTRALIZED PLANTS

- Upon request, Uni-Jet 75, Tecno-Jet and Flux-Jet aspiration units can be supplied with their boxes.
- Electrical control panels are manufactured according to C.E.I. EN 61439-1 (2009-11) regulations; they are fitted with low tension control cables.
- The connecting device for the electronic circuit of all electronic control panels (i.e. all control panels marked by a final E, like C75/1E, C75/E etc.) must be completed with a peripheral P.B. unit to be placed next to the work station.
- Control panels designed for two or more aspiration units are fitted with an electronic device to start/stop automatically one or more motors according to aspiration demand.
- **Each suction machine can service a variable number of work stations depending on different parameters: diameter and length of the piping, brand of the bench, number of bends (requirements concerning aspiration can vary), therefore the number of work stations we suggest should not be considered as binding.**

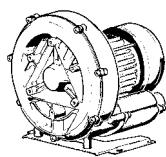
ASPIRATION UNIT WITH BOX FOR LABORATORY



Item 072792 Output power 1.3 kW – 5.8 A
 Two aspiration units with inverter
 Maximum flow at 80 Hz 360 m³/h.
 Suggested for 4 work station working at the same time.
 Sound pressure level with canalized air 65,6 dB (A).
 W= 1000 mm D= 800 mm H= 950 mm

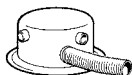
Other models with different capacity and power can be manufactured on request.

UNI-JET 75 ASPIRATION UNIT Ø 40



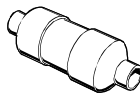
Item 020323 (230V 50Hz 1-) The motor is protected by a thermal device.
 Output power single-phase 0.37 kW - 2.9 A, maximum flow 1250 l/min,
 maximum operating head for continuous service 1300 mm H₂O.
 Suggested for single work station.
 Sound pressure level with canalized air 62 dB (A).
 W= 231.5 mm D= 246 mm H= 251 mm

ACCESSORIES FOR UNI-JET 75



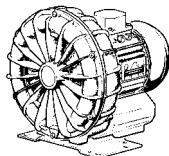
Item 020247

SUPPLEMENTARY SILENCER FOR EXHAUSTED AIR



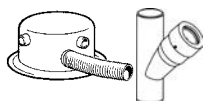
Item 160563

TECNO-JET ASPIRATION UNIT for dental laboratory



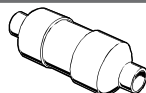
Item 020593 (230V 50Hz 1-) Output power single-phase 0.75 kW - 5.5 A, output power three-phase
Item 020597 (230/400V 50Hz 3-) 0.75 kW - 4.2/2.4 A, maximum flow 2000 l/min, maximum operating
 head for continuous service 1300 mm H₂O.
 Suggested for one work station at 8-10 m distance.
 Sound pressure level with canalized air 68 dB (A).
 W= 302.5 mm D= 302 mm H= 319 mm

ACCESSORIES FOR TECNO-JET



Item 020610

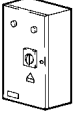
SUPPLEMENTARY SILENCER FOR EXHAUSTED AIR



Item 160563

• Sound pressure level tested according to ISO regulation 3746 -1979 (E).
 Parameters: r =1.5 - background noise ≤ 38 dB (A) - instrument: Brüel & Kjær type 2232.

CONTROL PANELS C93/1 – C93

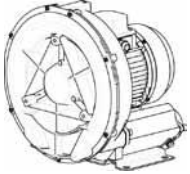


Item 020630 For one Tecno-Jet unit single- or three-phase respectively.
Item 020640 W= 300 mm D= 170 mm H= 400 mm

CONTROL PANELS C94/1E – C94/E ELECTRONIC VERSION

Item 023200 For two Tecno-Jet units single- or three-phase respectively.
Item 023240 W= 400 mm D= 220 mm H= 580 mm

FLUX-JET ASPIRATION UNIT for dental laboratory



Item 020723 (230V 50Hz 1-)
Item 020727 (230/400V 50Hz 3-)

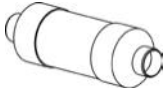
Output power single-phase 1.1 kW - 7.6 A, output power three-phase 1.1 kW - 5/3 A, maximum flow 3300 l/min, maximum operating head for continuous service 1500 mm H₂O. Suggested for 2 work stations at 8²-10 m distance. Sound pressure level with canalized air 68.5 dB (A). W= 334 mm D= 294 mm H= 341 mm.

ACCESSORIES FOR FLUX-JET



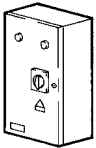
Item 021043 With one-way valve.

SUPPLEMENTARY SILENCER FOR EXHAUSTED AIR



Item 160565 Diameter 60 mm.

CONTROL PANELS C73 - C74

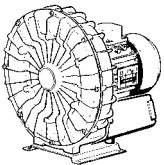


Item 020850 For one Flux-Jet unit single- or three-phase respectively.
Item 020860 W= 300 mm D= 170 mm H= 400 mm.

CONTROL PANELS C75/1E - C75/E ELECTRONIC VERSION

Item 023300 For 2 Flux-Jet units single- or three-phase respectively.
Item 023310 W= 400 mm D= 220 mm H= 580 mm.

MEDIO-JET ASPIRATION UNIT for dental laboratory



Item 021034 (230/400V 50Hz 3-)

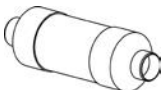
Output power three-phase 2.2 kW - 9/5.2 A, maximum flow 5000 l/min, maximum operating head for continuous service 1750 mm H₂O. Suggested for 3 work stations working at the same time at 10-12 m distance. Sound pressure level with canalized air 76 dB (A). W= 395 mm D= 332 mm H= 415 mm.

ACCESSORIES FOR MEDIO-JET



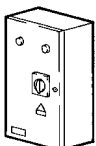
Item 021040 With one-way valve and compensating valve.

SUPPLEMENTARY SILENCER FOR EXHAUSTED AIR



Item 160565 Diameter 60 mm.

CONTROL PANEL C58/P



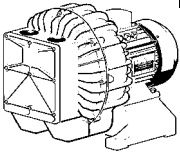
Item 090220 For one three-phase Medio-Jet unit.
W= 300 mm D= 170 mm H= 400 mm.

CONTROL PANEL C59/PE ELECTRONIC VERSION

Item 023945 For 2 three-phase Medio-Jet units.
W= 400 mm D= 220 mm H= 580 mm.

• Sound pressure level tested according to ISO regulation 3746 -1979 (E).
Parameters: r =1.5 - background noise ≤ 38 dB (A) - instrument: Brüel & Kjær type 2232.
Note: A silencer with one-way valve is necessary for the installation of the units in parallel.

MAXI-JET 2S ASPIRATION UNIT for dental laboratory



Item 021090 (230/400V 50Hz 3-)

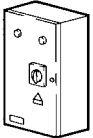
Output power three-phase 4 kW - 16.7/9.7 A, maximum flow 8333 l/min, maximum operating head for continuous service 1700 mm H₂O. Suggested for 4 work stations working at the same time at 10-15 m distance. Sound pressure level with canalized air 76.5 dB (A). W= 566 mm D= 422 mm H= 443 mm.

ACCESSORIES FOR MAXI-JET 2S



Item 021100 With one-way valve and compensating valve.

CONTROL PANEL C82/P



Item 090320 For 1 three-phase Maxi-Jet 2S unit. W= 300 mm D= 170 mm H= 400 mm.

CONTROL PANEL C83/PE ELECTRONIC VERSION

Item 023985 For 2 three-phase Maxi-Jet 2S units. W= 400 mm D= 220 mm H= 580 mm.

PERIPHERAL P.B. UNIT



Item 180967 The peripheral P.B. unit is required only with electronic control panels (those marked by a final E, like C75/1E, C75/E etc.) One for each work station. W= 70 mm D= 70 mm H= 22 mm.

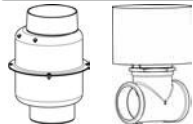
UNI-JET 500 ASPIRATION UNIT



Item 080031 (230/400V 50Hz 3-)

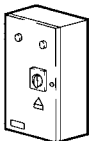
Output power three-phase 3.5 kW - 14.7/8.5 A, maximum flow 9500 l/min, maximum operating head for continuous service 1300 mm H₂O. Suggested for 6 work stations working at the same time at 20 m distance. Sound pressure level with canalized air 78 dB (A). W= 530 mm D= 530 mm H= 585 mm.

ACCESSORIES FOR UNI-JET 500



Item 021106 With one-way valve and compensating valve.

CONTROL PANEL C82/P

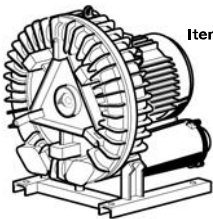


Item 090320 For 1 three-phase Uni-Jet 500 unit. W= 300 mm D= 170 mm H= 400 mm.

CONTROL PANEL C83/PE ELECTRONIC VERSION

Item 023985 For 2 three-phase Uni-Jet 500 units. W= 400 mm D= 220 mm H= 580 mm.

UNI-JET 1000 ASPIRATION UNIT



Item 083001 (230/400V 50Hz 3-)

Output power three-phase 4.5 kW - 18.2/10.5 A, maximum flow 20000 l/min, maximum operating head for continuous service 1200 mm H₂O. Suggested for 12 work stations working at the same time at 25 m distance. Sound pressure level with canalized air 82 dB (A). W= 570 mm D= 645 mm H= 625 mm.

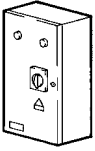
ACCESSORIES FOR UNI-JET 1000



Item 021102 With one-way valve and compensating valve.

Note: In case our standard products cannot meet the necessary requirements, we are willing to design special personalized solutions.

CONTROL PANEL C63/P

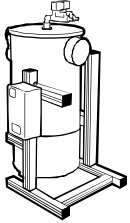


Item 023976 For 1 three-phase Uni-Jet 1000 unit.
W= 300 mm D= 170 mm H= 400 mm

CONTROL PANEL 64/PE ELECTRONIC VERSION

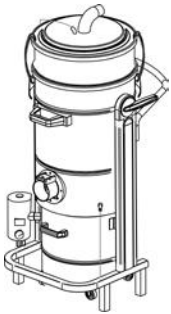
Item 023906 For 2 three-phase Uni-Jet 1000 unit.
W= 300 mm D= 170 mm H= 400 mm

DUST SEPARATOR WITH PNEUMATIC AND AUTOMATIC CLEANING OF THE FILTER *



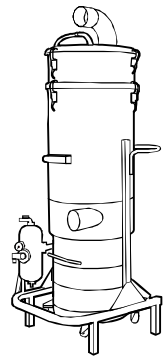
Item 090077 Suggested for Tecno-Jet and Flux-Jet units.
Max. air flow 200 m³/h.
W= 580 mm D= 550 mm H= 900 mm

DUST SEPARATOR 35 LITRES PNEUMATIC CLEANING OF THE FILTER *



Item 091040 The filter cleaning is carried out automatically by compressed air. Dust collects inside a disposable plastic bag which can be easily taken out.
Max. air flow 700 m³/h – 6/7 work stations in aspiration.
W= 505 mm D= 590 mm H= 1275 mm

DUST SEPARATOR 75 LITRES PNEUMATIC CLEANING OF THE FILTER *



Item 091060 The filter cleaning is carried out automatically by compressed air. Dust collects inside a disposable plastic bag which can be easily taken out.
Weight: 82 Kg
Max. air flow 900 m³/h - 9 work stations in aspiration.
W= 650 mm D= 700 mm H= 1950 mm

DUST SEPARATOR 75 LITRES

Item 091062 Max. air flow: 1100 m³/h – 12 work stations in aspiration

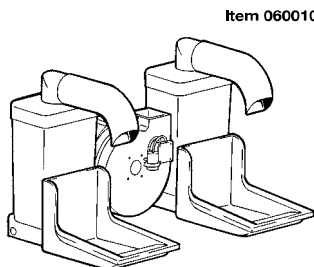
DUST SEPARATOR 75 LITRES

Item 091064 Max. air flow: 1500 m³/h - 14 work stations in aspiration

* DIN EN 60335-2-69 filters.

POLISHING MACHINE DUST EXTRACTION

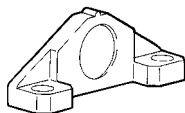
COMPLETE DUST EXTRACTION FOR POLISHING MACHINE



Item 060010 (230V 50Hz 1~)

Output power single-phase 0.200 kW - 1 A, maximum flow 152 m³/h, maximum operating head for continuous service 97 mm H₂O.
Components: 1 aspiration duct, 2 dust containers, 2 rubber sleeves, 1 aspiration unit, 2 rubber trays.
Sound pressure level with canalized air 67.5 dB (A).
W= 660 mm D= 415 mm H= 407 mm

ASPIRATION DUCT



Item 060011

Plastic duct with tie-rod and screws.
W= 595 mm D= 145 mm H= 232 mm

DUST CONTAINER



Item 060012

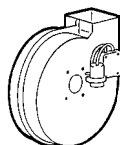
With rectangular housing for the aspiration duct at the bottom, 1 cover with support and Ø 60 hole, spring latch, 1 Ø 60 elbow, plastic net basket, glass microfibre bag with acrylic pre-filter.
W= 190 mm D= 120 mm H= 352 mm

RUBBER SLEEVE



Item 210710

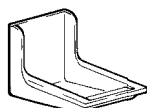
CENTRIFUGAL ASPIRATOR



Item 060014 (230V 50Hz 1~)

Air flow 550 m³/h. Plastic capacitor and plastic terminal board.
Output power 0.200 kW.
Sound pressure level with canalized air 67.5 dB (A).
W= 270 mm D= 95 mm H= 235 mm

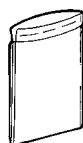
RUBBER TRAY



Item 060015

W= 270 mm D= 230 mm H= 210 mm

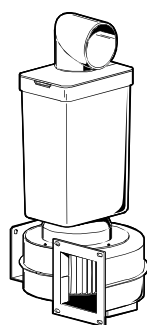
BAG FILTER



Item 050189

B.I.A. ZH1/487 fabric.

DUST ASPIRATOR (SAND-BLASTER - POLISHING MACHINE)



Item 060051 (230V 50Hz 1~)

Components: aspiration unit, bag container, fastening bracket.
W= 280 mm D= 240 mm H= 530 mm



BUILT-IN VACUUM SYSTEMS

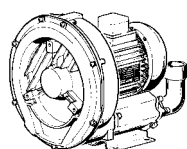
BUILT-IN VACUUM SYSTEMS

Standard specifications of all appliances

- Die-cast light alloy maintenance-free aspiration units with asynchronous motors for continuous service.
- Filters: disposable paper bags or microfibre-glass bags for microfiltering are placed in ABS containers which can be easily reached and which are equipped with visual clogged-filter indicator.
- Centrifugal dust separators with manual or automatic cleaning of the filter by means of compressed air. Dust collects at the bottom of the container to be emptied periodically. No further maintenance is needed. Centrifugal dust separators are suitable for dental laboratories, clinics, hospitals, hotels, apartment buildings, etc.

SINGLE-FLAT BUILT-IN VACUUM SYSTEMS

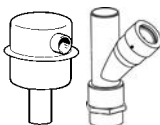
FLUX-JET ASPIRATION UNIT



Item 020701 (230V 50Hz 1-)
Item 020702 (230/400V 50Hz 3-)

Output power single-phase 1.1 kW - 7.6 A, output power three-phase 1.5 kW - 6.4/3.7A, maximum flow 3300 l/min, maximum operating head for continuous service 1500 mm H₂O.
Suggested for 1 vacuum inlet.
Sound pressure level with canalized air 68.5 dB (A).
W= 334 mm D= 405 mm H= 341 mm

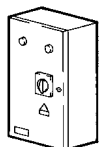
ACCESSORIES FOR FLUX-JET 1.1 kW ACCESSORIES FOR FLUX-JET 1.5 kW



Item 020831*
Item 020832*

With one-way valve and compensating valve.

CONTROL PANEL C73/PE ELECTRONIC VERSION



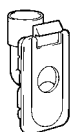
Item 023920

CONTROL PANEL C74/PE ELECTRONIC VERSION

Item 023925

For one Flux-Jet unit single- or three-phase respectively.
W= 300 mm D= 170 mm H= 400 mm

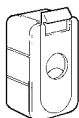
ELECTRONIC VACUUM INLET



Item 090112
(Ø 50 grey)

Flush mounted, with tube holder Ø 50.
W= 92 mm P= 77 mm H= 155 mm

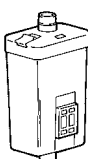
ELECTRONIC VACUUM INLET



Item 090120

Wall mounted, with tube holder Ø 30.
W= 92 mm D= 80 mm H= 147 mm

BAG CONTAINER Ø 50



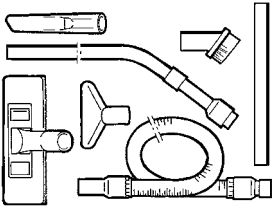
Item 050117

Complete with Ø 50 tube holders and bracket for wall-mounting.
W= 185 mm D= 125 mm H= 371 mm

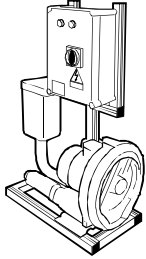
- Sound pressure level tested according to ISO regulation 3746 -1979 (E).
Parameters: r =1.5 - background noise ≤ 38 dB (A) - instrument: Brüel & Kjær type 2232.
* A silencer with one-way valve is necessary for the installation of the units in parallel.

ACCESSORIES FOR VACUUM SYSTEMS

Item 090590



BLOK-JET FOR SINGLE FLAT BUILT-IN ASPIRATION SYSTEM

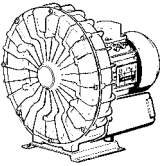


Item 072900 (230V 50Hz 1-)
Item 072903 (230/400V 50Hz 3-)

Sound pressure level with canalized air 68.5 dB (A).
W= 630 mm D= 340 mm H= 940 mm

BUILT-IN VACUUM SYSTEMS FOR CLINICS, HOSPITALS, APARTMENT BUILDINGS, ETC.

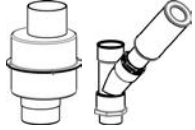
MEDIO-JET ASPIRATION UNIT



Item 021030 (230/400V 50Hz 3-)

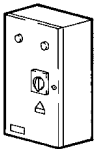
Output power three-phase 2.2 kW - 9/5.2 A, maximum flow 5000 l/min, maximum operating head for continuous service 1750 mm H₂O. Suggested for 2 vacuum inlets working at the same time. Sound pressure level with canalized air 76 dB (A).
W= 395 mm D= 332 mm H= 415 mm

ACCESSORIES FOR MEDIO-JET



Item 021040* With one-way valve and compensating valve.

CONTROL PANEL C 58/PE ELECTRONIC VERSION



Item 023940 For one three-phase Medio-Jet unit.
W= 300 mm D= 170 mm H= 400 mm

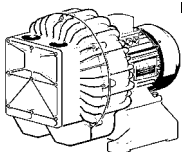
CONTROL PANEL C 59/PE ELECTRONIC VERSION

Item 023945 For 2 three-phase Medio-Jet units, with automatic start of the second motor according to the number of vacuum inlets in use.
W= 400 mm D= 220 mm H= 580 mm

CONTROL PANEL C 60/PE ELECTRONIC VERSION

Item 023947 For 3 three-phase Medio-Jet units, with automatic start of the second and third motor according to the number of vacuum inlets in use.
W= 550 mm D= 250 mm H= 700 mm

MAXI-JET 2S ASPIRATION UNIT



Item 021090 (230/400V 50Hz 3-)

Output power three-phase 4 kW - 16.7/9.7 A, maximum flow 8333 l/min, maximum operating head for continuous service 1700 mm H₂O. Suggested for 3 vacuum inlets working at the same time. Sound pressure level with canalized air 76.5 dB (A).
W= 566 mm D= 422 mm H= 443 mm

• Sound pressure level tested according to ISO regulation 3746 -1979 (E).
Parameters: r =1.5 - background noise ≤ 38 dB (A) - instrument: Brüel & Kjær type 2232.
* A silencer with one-way valve is necessary for the installation of the units in parallel.

ACCESSORIES FOR MAXI-JET 2S



Item 021100 * With one-way valve and compensating valve.

CONTROL PANEL C82/PE ELECTRONIC VERSION

Item 023980 For one Maxi-Jet 2S unit.
W= 300 mm D= 170 mm H= 400 mm

CONTROL PANEL C83/PE ELECTRONIC VERSION

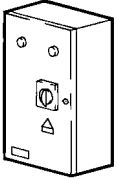
Item 023985 For 2 three-phase Maxi-Jet 2S units.
W= 400 mm D= 220 mm H= 580 mm

CONTROL PANEL C84/PE ELECTRONIC VERSION

Item 023987 For 3 three-phase Maxi-Jet 2S units.
W= 550 mm D= 250 mm H= 700 mm

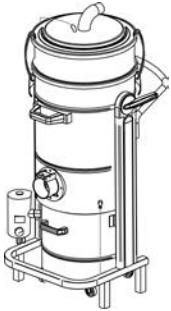
CONTROL PANEL C85/PE ELECTRONIC VERSION

Item 023990 For 4 three-phase Maxi-Jet 2S units.
W= 550 mm D= 250 mm H= 700 mm



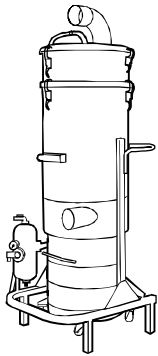
DUST SEPARATOR 35 LITRES PNEUMATIC CLEANING OF THE FILTER**

Item 091040 The filter cleaning is carried out automatically by compressed air. Dust collects inside a disposable plastic bag which can be easily taken out.
Max. air flow 700 m³/h
W= 505 mm D= 590 mm H= 1275 mm



DUST SEPARATOR 75 LITRES PNEUMATIC CLEANING OF THE FILTER**

Item 091060 The filter cleaning is carried out automatically by compressed air. Dust collects inside a disposable plastic bag which can be easily taken out.
Weight: 82 Kg
Max flow: 900 m³/h.
W= 650 mm D= 700 mm H= 1950 mm



DUST SEPARATOR 75 LITRES

Item 091062 Max. air flow: 1100 m³/h

DUST SEPARATOR 75 LITRES

Item 091064 Max. air flow: 1500 m³/h

* A silencer with one-way valve is necessary for the installation of the units in parallel.

** DIN EN 60335-2-69 fi lters.

Note: In case our standard products cannot meet the necessary requirements, we are willing to design special personalized solutions.



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