

Replacement Parts

PART	Blower	Blower	Blower	Blower	PCB Digital	PCB Digital	PCB	FMU	Inverter	Inverter	Inverter
	230V	120V	230V/120V	220V/400V	Volume	Vacuum	Analogue	Filter Monitor	230V/120V	220V	400V
								Unit			
150	300170				400001			400440			
200	300593	300592			400001	400000		400440			
400	300595	300594			400001	400000		400440			
200i	300593	300592			400001	400000		400440			
200i-HP	300596					400000		400440			
400i	300595	300594			400001	400000		400440			
400i PVC	300595	300594			400001			400440			
800i - 2 Tier	300595 x 2	300594 x 2			400001	400000		400440			
800i - 3 Tier	300595 x 2	300594 × 2			400001	400000		400440			
I 500i			300603		400001	400000		400440	400406		
2000i				300612	400001	400000		400440		400394	400396
5000i				300615	400001	400000		400440		400393	400439
Alpha 200	300170	300174					400048				
Alpha 400	300172	300173					400048				
Xbase 200	300170	300174					400048				
Xbase 400	300172	300173					400048				
FumeCube (inc Max)	300170	300174					400048				
FumeBuster	300161	300162					400049				
FumeSafe			300618								
2tiP	300575						400005				
Captivair Max	300588	300589					400007				

When ordering PCBs please supply the machine serial number and connection kit used.



Replacement Fuses

Code: 410246 Code: 410276 Code: 410271 (For 200, 200i - 120V) & (400, 400i & 400iPVC - 230V) (For 200, 200i - 230V) & (Alpha, Xbase - 230V & 120V) (For 400, 400i & 400iPVC - 120V)



Replacement Manuals

Code: 822005 Digital Manual Code: 822006 Analogue Manual Code: 822001 Captivair Manual

Download from www.purex.co.uk



Options



Optional

Accessories

Remote ON/OFF

LEV Testing

Switch your Purex fume extractor on/off from up to 5m away. This is particulary useful if your fume extractor is tucked away under a bench where it cannot easily be accessed.

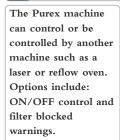
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Interface Kit

Additional Filtration



Some applications

capacity, for example

the Cascade filter can

extend the life of

other filters in

problematic

applications.

may require

additional filter



Installation

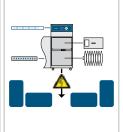
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Accessories include

arm, tip and

pipework kits.

Correct installation is essential to aid compliance with health and safety regulations and to protect your people and process. Contact your local distributor.



LEV testing is also essential to aid compliance with health and safety regulations and to protect your people and process. Contact your local distributor.



+ Digital machines offer volume or vacuum sensing, all other machines are vacuum sensing only. *Not all machines are supplied with a connection kit as standard, please check the individual product page for details. For more help and information please contact Purex or your local representative

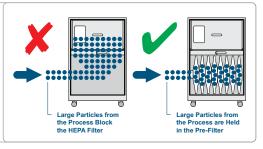


Pre-Filters

Pre-filters are designed to capture larger particles before they can enter the main HEPA filter.

Without pre-filters, the life of the main filter would be much shorter.

A variety of media and designs are available to allow Purex extractors to be used in a wide range of processes.



Pads Labyrinth Labyrinth pre-filters **Pad pre-filter** • Extends the life of the main filter by capturing larger particles • Extends the life of the main filter by capturing larger particles before they reach the HEPA filter before they reach the HEPA filter • Fits neatly under the main filter in integral Purex extractors • Fits neatly under the main filter • Graduated fibre matrix delivers excellent particle capture capacity • Graduated fibre matrix delivers excellent particle capture capacity - up to 20 times more than a standard filter · Ideal for low volume applications or where small amounts of • Ideal for medium-high volume applications particles are produced • Can deal with sticky or moisture laden particles • Composite material available for extra filter life and filtration down to 0.5 micron

• Contains the particles inside for clean and simple disposal

	Pleated Bag	Cascade
		Process Cascade Extractor Process Cascade Extractor Particles Cascade Extractor Particles Cascade Extractor From Process Removed Clean Air
Pl	eated bag pre-filter	Cascade heavy duty inline filter
	xtends the life of the main filters by capturing larger particles lsed in Purex 5000i machines	• Extends the life of the pre-filter by
-	rovides additional particle capturing capacity	capturing larger particles Fits between the process and the Purex
	deal for processes where large amounts of particles are	machine
	roduced	Provides additional particle capturing
	Contains the particles inside for clean and simple disposal	 capacity Ideal for processes where large amounts of
		particles are produced
		Can be emptied and reused Can be powder seeded for extra life in
		difficult applications

· Contains the particles inside for clean and simple disposal

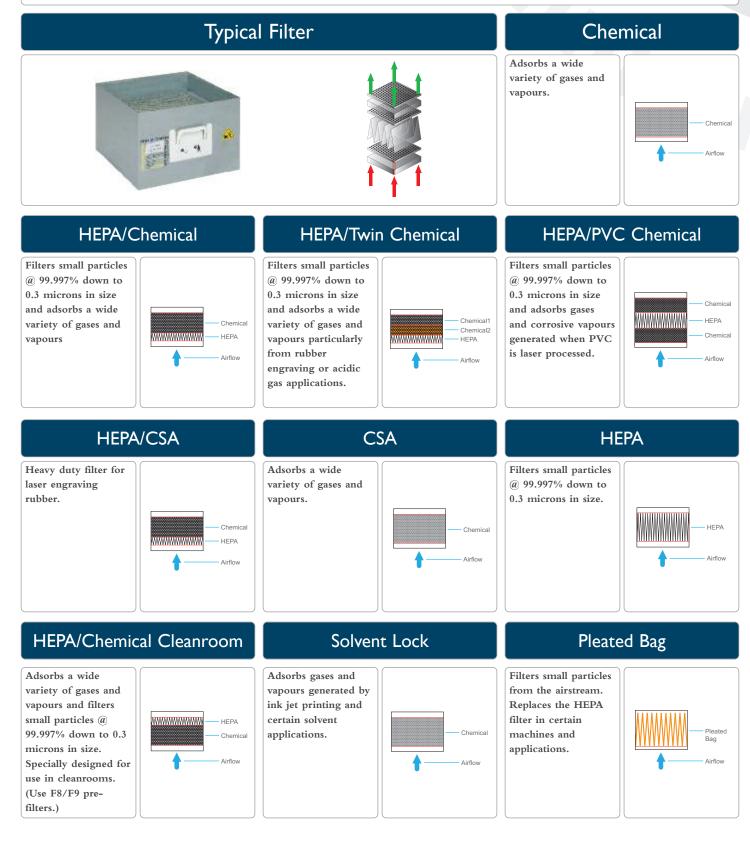


Main Filters

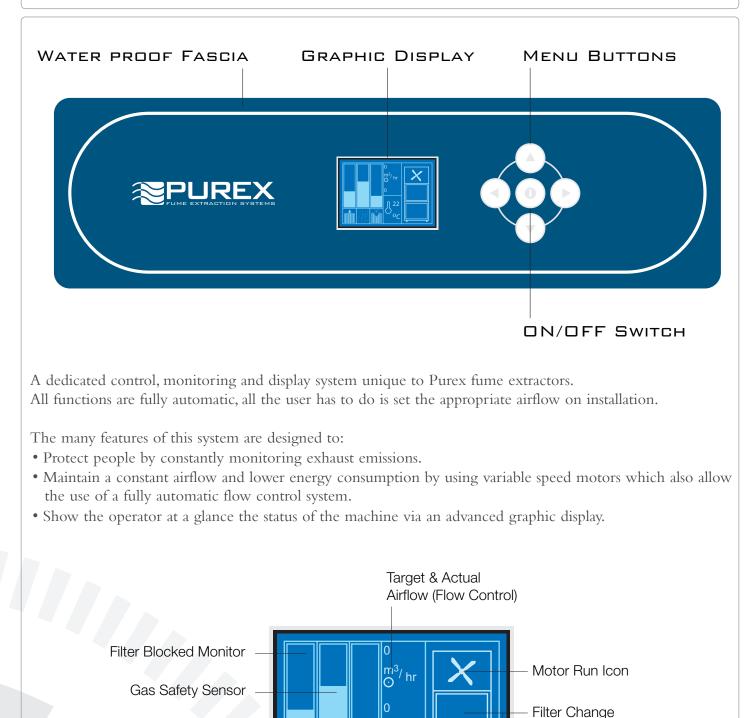
Purex use specialised combinations of filter media to capture particles, gases and vapours generated by industrial processes such as laser engraving, laser marking, hand and machine soldering, ink jet printing and many others. Each filter has a unique serial number and is individually tested and certified to ensure performance and safety.

Purex HEPA (High Efficiency Particulate Air) filter elements are precision manufactured from a pleated material that incorporates reinforcing strips which separate the pleats and help prevent airflow vibration or collapse.

Additionally, air equalisation plates are used between the layers of media to further reinforce the filter housing and to distribute the airflow across the filter to ensure all of the filter media is used.



"The Ultimate in Advanced Control, Monitoring, Performance and Safety Features"



Particle Safety Sensor

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Filtered Air Temperature

Indicators



Digital Control System

Gas Sensors	Particle Sensors	Speed Control	Flow Control
Constantly monitors the chemical filters to warn the user when they are nearly saturated. This helps reduce downtime by allowing the user time to make replacement filters ready. Gas sensors also warn the user if hazardous gas is passing through the system, e.g. due to a missing, damaged or incorrectly fitted filter.	Constantly monitors the particle filters to warn the user if hazardous particles are passing through the system, e.g. due to a missing, damaged or incorrectly fitted filter.	The user can set the required airflow for the process. The motor will automatically speed up or slow down until the "actual" airflow equals the "required" airflow. This system is energy efficient as the motor does not have to constantly run at 100%. It also means the machine is quieter and the filters last longer.	Purex "Flow Control" automatically increases the speed of the motor as the filter blocks to keep extraction constant and ensure fumes are captured effectively throughout the life of the filter.
Filter Status	Filter Indicator	Temperature	Interfacing

Filter Status	Filter Indicator	Temperature	Interfacing
Constantly monitors the particle	If a filter is nearly blocked or if	An adjustable alarm to warn if the	Allows the Purex unit to
filters to warn the user when they	the gas or particle alarms are	filtered air temperature goes above	communicate with associated
are nearly full. This helps reduce	triggered, this icon will show	a certain level.	equipment such as lasers or reflow
downtime by allowing the user	which filters may need attention.		ovens etc. Options:
time to make replacement filters			• Synchronised STOP/START
ready.	This makes it easier and quicker		• Automatic run on (extraction
	for the user to identify where the		continues for a set period after
	problem may be. This icon also		associated equipment is
	indicates to the user when the		stopped.)
	motor is running.		• Filter Alarm Signals
			• Several connection types
			• Remote ON/OFF switch

FEATURE LIST	Graphic Display	Gas Sensor	Particle Sensor	Filter Indicator	Temp Warning	Machine Interfacing	Speed Control	Flow Control	Filter Life Warning	Coated for PVC use	Air Compresso
150	•	•	•	•	•		•	•	•		
200/400	•	•	•	•	•		•	•	•		
200i/400i (inc HP)	•	•	•	•	•		٠	•	•		
400i PVC	•	•	•	•	•		•	•	•	•	
800i 2-Tier	•	•	•	•	•		•	•	•		
800i 3-Tier	•	•	•	•	•		•	•	•		
1500i/2000i	•	•	•	•	•		•	•	•		
5000i	•	•	•	•	•		•	•	•		
Alphas (inc Dust)*	-	-	-	-	-		•	•	•	-	
Xbase*	-	-	-	-	-		•	•	•	-	
FumeCube (inc MAX)*	-	-	-	-	-		•	•	•	-	-
FumeSafe*	-	-	-	-	-	-	•	•	•	-	-
2tiP*	-	-	-	-	-	-	•	-	•	-	-
FumeBuster*	-	-	-	-	-	-	-	-	•	-	-
Captivair*	-	-	-	-	-	-	_	-	•	-	_

• Supplied as standard.

■ Optional.

- Not applicable

* Analogue control system only



Terms & Conditions

I. Contract

1.1 All quotations given, orders accepted and contracts entered into by Purex International Limited ("Purex") with any person ("Purchaser") for supply of goods ("Goods"), or for services ("Services") are subject to these conditions of sale ("Conditions"). All other terms and conditions, whether expressly stipulated by the Purchaser or implied by trade custom, course of dealing or otherwise are excluded. No variation to these Conditions will be effective unless agreed in writing by an authorised representative of Purex.

1.2 No guotation, estimate or proposal issued by Purex is an offer that is capable of acceptance by the Purchaser. Any order issued by the Purchaser shall be deemed placed subject to these Conditions and shall constitute an offer that Purex may accept or reject. The contract between Purex and the Purchaser ("Contract") shall be formed at the time Purex accepts the Purchaser's order. Purex may accept the Purchaser's order by issuing an order acknowledgement or by other means, including commencing the supply of Goods or the performance of Services. No amendments to the Purchaser's order shall be valid unless agreed in writing by an authorised representative of Purex

2. Order and Specifications

The Purchaser shall be responsible to Purex for ensuring the accuracy of the terms of any order, including any applicable specification, submitted by the Purchaser, and for giving to Purex any necessary information relating to the Goods or Services within a sufficient time to enable Purex to perform the Contract in accordance with its terms. The specification for the Goods or Services shall be that set out in the Purchaser's order or as otherwise agreed in writing by Purex. Should an order be cancelled by the Purchaser within 2 months of the relevant delivery date Purex reserves the right to impose a reasonable cancellation charge.

3. Price and Payment

3.1 The price of Goods and Services shall be the price quoted by Purex. Quoted prices shall remain valid for 30 days. Prices do not include carriage and packing which will be charged at cost plus a handling fee unless otherwise specified in writing. Express or Special Delivery at the Purchaser's request will always be at the Purchaser's expense. Prices do not include VAT.

3.2 Unless otherwise agreed in writing payment of invoices shall be made in full without any deduction or set-off within 30 days of the invoice date. Payment shall be due whether or not property in the Goods has passed. Time for payment shall be of the essence. If the Purchaser fails to pay Purex any sum due pursuant to the Contract, the Purchaser shall be liable to pay interest to Purex on such sum from the due date for payment at the annual rate of 4% above the base lending rate from time to time of The Bank of England, accruing on a daily basis until payment is made, whether before or after any judgement. Purex reserves the right to claim interest under the Late Payment of Commercial Debts (Interest) Act 1998. Purex may also, without prejudice to any other remedy suspend or cancel further supply of Goods or performance of Services whether under this or any other Contract until the Purchaser makes payment in full together with any applicable interest.

4. Delivery

4 I Delivery 4.1 Delivery of the Goods shall unless otherwise agreed be made by Purex delivering the Goods to the location specified in the Purchaser's order or by the Purchaser collecting the Goods at Purex's premises.

4.2 Any dates or times for delivery of Goods and performance of the Services are approximate only. Purex shall use reasonable endeavours to meet such dates or times but so long as it uses such reasonable endeavours Purex shall not be liable to the Purchaser, in contract, tort, negligence or otherwise for any loss or damage whatsoever resulting from any late delivery or performance

4.3 Where the Goods are delivered by instalments, any breach by Purex in respect of any one or more instalments shall not entitle the Purchaser to terminate the Contract in whole or in part

4.4 Upon receipt of the Goods the Purchaser shall examine them and shall within 48 hours of such receipt give notice in writing to Purex of any apparent defects and/or shortages. The parties will agree between themselves such further action as may be necessary to remedy the defect and/or shortage. Purex shall not be liable for any such defects and/or shortages notified to it after the period of 48 hours after receipt.

5. Risk and Title

5.1 Risk of damage to or loss of the Goods shall pass to the Purchaser when Purex delivers the Goods to the Purchaser or, if the Purchaser collects the Goods from Purex, when the Goods are loaded onto transport at Purex's premises.

5.2 Notwithstanding the passing of the risk, Purex shall retain title to and ownership of the Goods until it has received payment in full of all sums due for the Goods.

5.3 Until title in the Goods has passed to the Purchaser, the Purchaser shall be in possession of them as a bailee of the Goods for Purex and shall store the Goods, properly insured and protected, separately from any Goods belonging to the Purchaser or any third party and shall be clearly marked and identifiable as being Purex's property. Purex shall be entitled to enter the Purchaser's premises upon reasonable notice to verify the Purchaser's compliance with this clause. If the Purchaser fails to make any payments to Purex when due, or any of the circumstances set out in Clause 8.2 arise, then Purex will have the right, without prejudice to any other remedies: 5.3.1 to enter, without prior notice, any premises where Goods owned by Purex may be, and to reposses and dispose of any such Goods; and/or

5.3.2 to require the Purchaser not to resell or part with possession of any Goods owned by Purex until the Purchaser has paid in full all sums due to Purex under this or any other Contract.

5.4 The Purchaser shall not be entitled to pledge or in any way charge by way of security for any indebtedness any of the Goods which remain the property of Purex and if the Purchaser does so all monies owing by the Purchase to Purex shall (without prejudice to any other right or remedy of Purex) forthwith become due and payable.

Warranty & Liability

6. Goods manufactured by Purex : Purex warrants that the Goods manufactured by it will be free from defects in materials and workmanship for a period of 12 months from the date of installation or 15 months from the date of despatch from Purex's premises, whichever period expires earlier. Exceptions :

Spare parts including replacement filters : 3 months from installation or 4 months from despatch Used and ex-demonstration equipment: 3 months from installation or 4 months from despatch

In the case of any breach of warranty then Purex shall at its option remedy such defects or refund such sums as the Purchaser has paid to Purex in respect of such Goods. Purex shall be under no liability under the above warranties:

6.1.1 arising from any drawing, design or specification supplied by the Purchaser;6.1.2 arising from improper installation, storage, use, modification or operation including but not limited to the use of consu nable items not approved by Purex;

6.2 Goods manufactured by third parties : Purex will use its best endeavours to obtain for the purchaser the benefit of any warranty provided by the original manufacturer of the Goods. Repair or replacement, in whole or in part, of Goods which fail due to faulty manufacture is available from the original manufacturer under its warranty. must be consulted to approve the return of Goods for replacement or repair under the original manufacturer's warranty.

6.3 All replacement items will be charged at the point of despatch. Provided the original items are received back at Purex within 28 days from the date upon which the Returns Authorisation Number is issued and Purex agree following testing / inspection that these are defective, a credit note will be issued.

6.4 Services : Purex warrants that it will carry out the Services with reasonable care and skill. If Purex is shown to be in breach of this warranty in respect of particular Services it shall at its option and cost either re-provide those Services or refund any sums already paid in respect of those Services. 6.5 Purex does not exclude or limit its liability in negligence for death or personal injury, or for fraud or wilful default, or otherwise to the extent that any exclusion or limitation of its liability is void, prohibited or unenforceable by law.

6.6 Subject to Clauses 6.1 - 6.5, all representations, warranties and conditions implied by trade custom, course of dealing, statute, common law or otherwise are excluded to the fullest extent permitted by law

6.7 Subject to Clause 6.5, in no circumstances shall Purex be liable to the Purchaser, in contract, tort, negligence or otherwise, for any incidental or consequential loss including, without limitation, any loss of profit, business, revenue, goodwill or anticipated savings or for any special, exemplary or consequential damages or other financial loss whatsoever arising out of or in connection with the Contract or the supply of the Goods or Services or their use or resale (if applicable) by the Purchaser.

6.8 If notwithstanding the provisions of these Conditions Purex is found liable for any loss suffered by the Purchaser arising in any way out of or in connection with the Contract or the supply of any Goods or Services, that liability shall in no event exceed the price paid for such Goods or Services.

6.9 The parties hereby confirm that notwithstanding any other provision of the Contract or these Conditions, the Contract shall not and shall not purport to confer on any third party the right to enforce any term of the Contract for the purposes of the Contracts (Rights of Third Parties) Act 1999.

6.10 Purex and third party Software

6.10.1 Software is licensed (or sublicensed, in case of third party Software) by Purex to the Purchaser

6.10.2 Purex warrants that the media on which the Software is recorded is free from defects in material and workmanship under normal use for a period of thirty days from the date of despatch. 6.10.3 Purex warrants that any Purex Software will perform in substantial compliance with the specification for a

period of 90 days from installation 6.10.4 Purex warrants that any third party Software will perform in substantial compliance with the Software

documentation issued by the original manufacturer of the Software and for the period specified therein. 6.10.5 Purex (and, where applicable, the original manufacturer of the Software) do not warrant that the functions

contained in the Software will meet Purchaser's requirements or operate in the combination that may be selected for use by Purchaser, that the operation of the Software will be uninterrupted or error-free or that all defects in the Software will be corrected.

6.10.6 The entire liability of Purex (and, where applicable, of the original manufacturer of the Software) shall be, at Purex's option, either :

(a) Return of all sums paid by the Purchaser for the Software, or (b) Replacement of the Software or media that does not meet Purex or the original manufacturer limited warranty and which is returned to Purex under its return policy.

6.10.7 Any replacement Software or media will be warranted for the remainder of the original warranty period or 30 days, whichever is longer.

7. Force Majeure

Purex shall not be deemed in breach of the Contract or otherwise liable to the Purchaser, by reason of any delay in performance, or non-performance of its obligations under the Contract to the extent that such delay or nonperformance is caused by an event or circumstance beyond Purex's reasonable control. In such events Purex may, vithout liability to the Customer, reasonably vary the terms of the Contract including but not limited to extending the time for performing the contract by a period of at least equal to the time lost due to such an event.

8. Termination

8.1 Purex may at any time by notice in writing to the Purchaser terminate the Contract with effect from the date of service of such notice if:

8.1.1 The Purchaser commits a material breach of the Contract and fails to remedy such breach within 14 days after Purex has given written notice to the Purchaser identifying the breach and requiring it to be remedied; or 8.1.2 The Purchaser is unable to pay its debts as they fall due within the meaning of Section 123 of the Insolvency Act 1986 or if any petition is presented for the appointment of an administrator or receiver or trustee in bankruptcy in respect of the Purchaser or any part of its undertaking or assets or an administrative receiver is appointed in respect of any of the Purchaser's undertaking or assets or if the Purchaser makes or attempts to make any arrangement with or for the benefit of its creditors or if the Purchaser ceases or threatens to cease to carry on business.

9. Miscellaneous

9.1 The expressions "in writing" and "written" include fax transmission. Purex shall be entitled to sub-contract any or all of its obligations under the Contract and to assign the Contract and the Customer shall at Purex's cost do all such things as may be necessary to enable Purex to so assign the Contract. Any failure or neglect by Purex to enforce at any time any provision of the Contract shall not be construed nor deemed to be a waiver of any of Purex's rights under the Contract. The Contract shall be governed by and construed in accordance with English law and the parties hereby submit to the exclusive jurisdiction of the English courts in relation to any claim or controversy arising out of or connected with the Contract.

9.2 New Accounts : Credit accounts cannot be opened under the minimum amount in operation at the time of placing the order. Customer's wishing to open a credit account must furnish two trade references and a Bank reference

9.3 Specification Alterations : Purex reserves the right to alter the specification of any goods without prior reference to the Purchaser provided that the goods comply in all other known respects with the Purchaser's requirements.

9.4 Trade-Marks / Patents : The supply of goods by Purex shall not confer any right upon the Purchaser to use any Purex trade-mark without prior written consent of Purex and at all times such trade-mark shall remain the property of Purex. Neither does it imply any right to use any Purex patent or any indemnity against infringement of third party patents.

9.5 Catalogues : Catalogues and other advertising matter are issued to indicate the type and range of goods we offer and no particulars therein are binding to Purex



Filter Matrix

MACHINE				PRE-	PRE-FILTERS							2	MAIN FILTERS	SS				
	Pad	Pad	Pad	Pad	Pleated	Labyrinth Labyrinth		Labyrinth	Cascade	HEPA	HEPA	НЕРА	Chemical	НЕРА	Chemical	Pleated	НЕРА	Solvent
	F5	FG	F8/F9	Adsorbent	Bag	FG	F8	F8/F9		Chemical	Twin	Chemical	Std		Special	Bag	CSA	Lock
				PVC							Chemical	Cleanroom						
150								202276*		113505	113579Δ	113512	113508	113809	113662	113531		
200/400	202260#									113505	113579 Δ	113512	113508	113809	113662	113531		113513
:007:00						*000000		* 710000			113579 Δ	113512	1100	0000011	000011			
2001/4001						-202202				CUCETT	113668≈	113669≈	80cc11	608511	7995 I.I.	1.56511		
200i-HP								202271*		113811†								
400i PVC				200261#				202271*		113498								
800i 2-Tier				200262#		202280*		202272*		113652	113660Δ	113658						
800i 3-Tier				200262#				202273*					113651	113650				113667
1500i/2000i				200281#		111037		111099		110615	110614Δ	110632	110610					
5000i	200310#			200312#	111144		111072	111006					110627	110633		110645		
													110624†					
FumeCube	200225#	200226#	200316#							110536		110538	110537					
FumeCube Max								111124		110507			110504					
FumeBuster	200314#		200098#							110531		110533	110532		110542			110541
FumeSafe	See note.		200098#							110531		110533	110532		110542			110541
2 Тір	200225#	200226#								110507								
0						202260*		* 74 0000		112605	113579 Δ	113512	112500	000011	11 2662	120101		
Alplia						R07707		2022		00001	113668≈	113669≈	0000011	800011	700011			
Alpha Dust						202268*		202271*										
Xbase								202275*		110545							113585	
Captivair (Refill)													113800 113805					
Cascade Box								11117	111107									

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