

ELECTRIC

HOT-AIR GENERATOR. **MULTI-DRYER**

HAS-38, HAS-38F, HAS-17T, HAS-27T

Catalog No. **2** separate page
MADE IN JAPAN

◆Compared with the traditional high-pressure HAS-37T, the maximum air volume of the standard HAS-38 is increased by about 1.3 times! The durability of the blower is also greatly improved! !

◆The filter on the HAS-38 inlet is made of environmentally friendly polyolefin!
Moreover, HAS-38F features high performance CR filters with a target particle size of 3μ or larger.

◆External operation function*, Abnormality output function*, and external sensor function* are available as options!
※Cable with connector for external operation · Cable with connector for external operation Remote operation switch · Dedicated external sensor



New

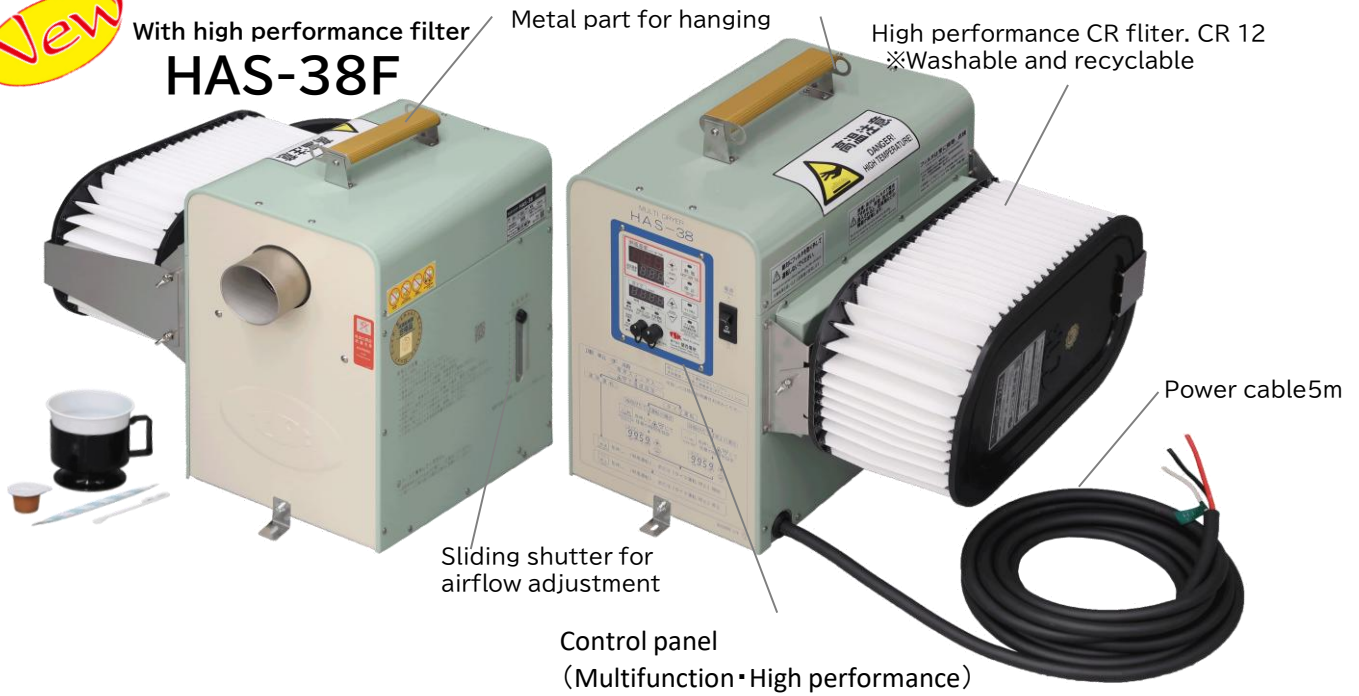
Large airflow type
HAS-38

**2025/3
Go on sale**



New

With high performance filter
HAS-38F



Please refer to Catalog No.2 for more details about HAS-12-22 and other options.
The catalog contains numerous examples of a wide variety of applications based on our past achievements.

※Noise measurement method: The average of four measurements taken at distance of 1.5 m away from the multi-dryer in a general office. The following specifications are subject to change without notice for product improvement.

Common Specifications		Standard Type Multi-Dryer Specification List	
<ul style="list-style-type: none"> ● Rating ... Continuation ● Insulation ... BCLASS(Not include HAS-17T・27) ● Ambient temp. ... 0°C ~ +40°C ● Ambient humidity ... Less than 85%R.H.以下(no-condensation) ● Inhaled Air temperature ... Room temperature ● Airflow control method ... Slide shutter (damper) ● Inlet filter ... Standard Equipment ● Energy Saving ... Structure that suppresses heat dissipation loss, intermittent operation mode ● Environment ... Clean room class Equivalent to 10000 (factory default) ● Continuous temperature ... Measured at discharge sensor position ● Various values listed ... Guaranteed value based on actual measurement ● Installation ... Location not exposed to outdoor (indoor specifications), level condition ● Vibration resistance ... Vibration frequency 33Hz, Vibration acceleration 1G, 30 minutes each in XYZ direction, Resonance frequency 20 to 38Hz(1 cycle/minute), no abnormality ● Accessories ... Glass tape to prevent air leakage for all products (see below for others) <p>Maximum power consumption (kW) is heater+blower</p>			
Model		HAS-38	HAS-38F
Type		1200-3.7C-009X	1200-3.7C-009XF
Power supply 50/60Hz		1 Phase 200V ★	1 Phase 200V ★
Heater capacity (Electric current)		3.7kW (18.5A)	3.7kW (18.5A)
Auto-temp. adjustment range - Continuation usable max. temp.(Accuracy 1% FS)		AMBIENT TEMP~200°C (Refer to performance curve)	AMBIENT TEMP~250°C (Refer to performance curve)
Bore of the hot-air outlet		φ65mm (SUS PIPE)	φ65mm (SUS/パイプ)
Blower	Max. gas capacity	2.5 / 3.0m ³ /min	2.0 / 2.4m ³ /min
	Max. static pressure	625 / 900Pa	625 / 900Pa
	Motor capacity (rated value)	90W (0.76/0.9A)	90W (0.76/0.9A)
	※Noise	61 / 63dB	55 / 57dB
Power cable type x size x length		3core×3.5mm ² ×5m	3core×3.5mm ² ×5m
Approx. weight		13kg±5%	14kg±5%
Spare filter type		TF-38N(5pcs/1set)	CR-12
Accessories Cap (plug)/outlet/filter		- / - / TF-38N(4pcs)	- / - / CR-12
Hanging bracket / Power cable 15m specification / Different voltage specification		Standard equipment/ - / Order-made(220V・230V)	Standard equipment/ - / Order-made(220V・230V)
Product Category		Standard product	Standard product
Control number		TIS00S000N	TIS00S000N
<p>Performance</p> <p>Outlet side performance when the inlet temperature is 20°C</p> <ul style="list-style-type: none"> ● Blue and black curves are static pressure curves. Blue: 50 Hz, black: 60 Hz (When heater power is turned off) ● High pressure type HAS-17T and 27T have the same 50/60Hz performance. ● The red curve shows the outlet hot air temp adjustable by the slide shutter at 100% heater power input and no load on main body ● The red dashed line is the hot air temp. curve that can be discharged by applying load other than the slide shutter to the main unit. By using different temperature controls, temp. below this curve can be freely adjusted. ● ↙ mark indicates the limit of use. It cannot be used at higher temp. or lower air volumes. 			
<p>Outline</p> <p>The outline drawing of this product can be downloaded from our website.</p>		<p>() 内寸法はHAS-38F</p> <p>※各/モデル面はメンテナンス等のため100mm以上の空間を空けてください</p>	

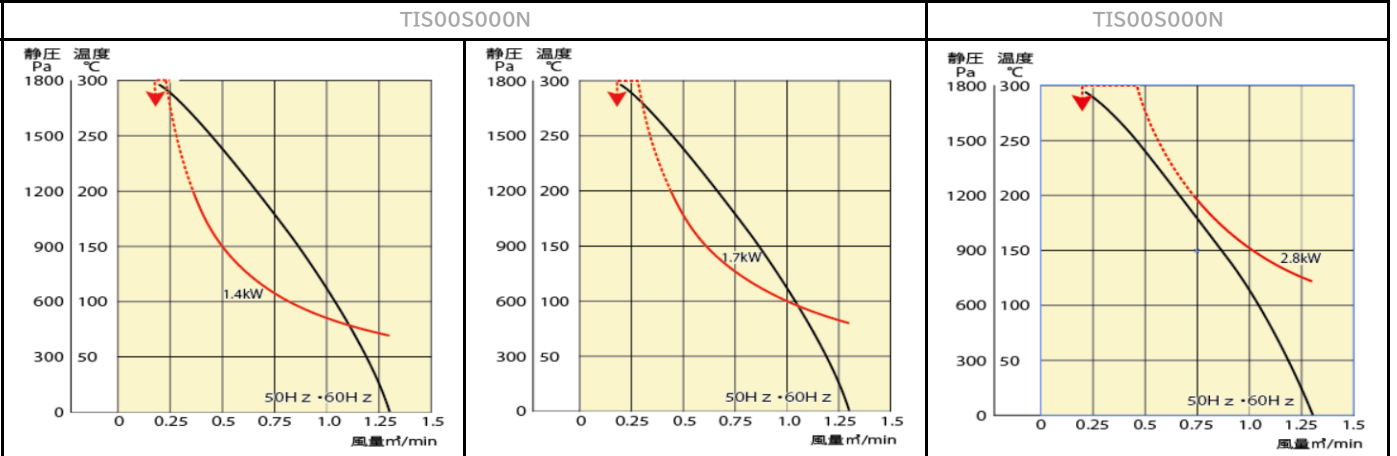
★If a single-phase 100 V power supply is used in a single-phase three-wire low-voltage power distribution system, a single-phase 200 V power supply can be easily obtained from the distribution board. If you are using a single-phase 200 V model, please consult an electrician for details including power supply capacity.

※Although all models are equipped with filter, they still cannot remove oil smoke or oil content. The dryer cannot be used if the installation site or intake air contains gases such as oily smoke, No.3 petroleum products (mineral oil, allocin, etc.), oil, aromatic hydrocarbon solvents, oil mist, or the like.

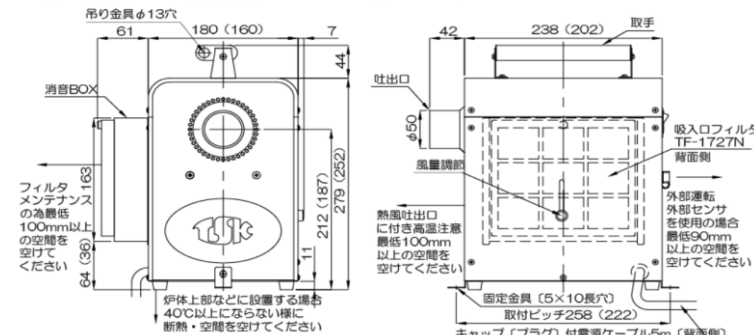
High wind pressure types MULTI-DRYER Specification List DC type high wind pressure blower
(expected lifetime of 40,000 hours)



HAS-17T		HAS-27T
1100-1.4C-007X	1200-1.7C-007X	1200-2.8C-007X
1 Phase 100V	1 Phase 200V ★	1 Phase 200V ★
1.4kW (14.0A)	1.7kW (8.5A)	2.8kW (14.0A)
AMBIENT TEMP~200°C (Refer to performance curve)		AMBIENT TEMP~200°C (Refer to performance curve)
φ50mm (SUS PIPE)		φ50mm (SUS PIPE)
1.3m ³ /min		2.3m ³ /min
1800Pa		1800Pa
74.4W (1.0A)		74.4W (0.6A)
57dB		57dB
2CORE×2mm ² ×5m Soft cable (highly flexible type)	3CORE×2mm ² ×5m Soft cable (highly flexible type)	3CORE×2mm ² ×5m Soft cable (highly flexible type)
5.8kg±5%	6.0kg±5%	6.6kg±5%
TF-1727N(5pcs/1 set)		TF-1727N(5pcs/1 set)
WF4215 / - / TF-1727N(4pcs)	WF5320 / WK1320 / TF-1727N(4pcs)	WF5320 / WK1320 / TF-1727N(4pcs)
Standard equipment/ Order-made / Order-made(220V・230V・240V)		Standard equipment/ Order-made / Order-made(220V・230V・240V)
Standard product		Standard product



() 内寸法はHAS-17T ※指示無き方向は50mm以上の空間を空けてください



●The cap and outlet part come from Panasonic.

The outline drawing of this product can be downloaded from our website.

【 OPTION 】

● Spare filter

Fit Heater	TIS Control no.	Type of Spare filter	Size	Sales units
HAS-38	TIS01	TF-38N	290mm×200mm×20mmt	5pcs/1set
HAS-17T	TIS03~	TF-1727N	170mm×150mm×20mmt	5pcs/1set
HAS-27T	TIS03~			
HAS-38F	TIS01	CR-12	190mm×315mm×130mm	1

※ Filter thickness is changed from 5 mm to 20 mm to improve collection efficiency.

- We offer the KX350AP sensor for temperature control inside and the HR30-7P external input/output terminal. Please refer to catalog 2 for more details.



The spare filter for HAS-17T-27T
TF-1727N



The spare filter for HAS-38
TF-38N



The spare filter for HAS-38
CR-12



The External sensor
KX350AP



Cable with connector for
external operation
HR30-7P

【 Example of use 】

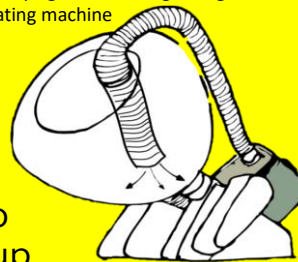
Multi dryers can be used continuously 24 hours a day, 365 days a year (indoor specifications). It is easy to use the panel to get the necessary temp. The dryer has excellent operability and safety, is also equipped with timer operation & intermittent operation mode (energy-saving mode). We have experience and know-how in a variety of deliveries requiring drying, heating, and heat retention. Please feel free to contact us if you are interested in our product. We also lend out demo machines.

<ul style="list-style-type: none"> ● Cockpit heat preservation for airplanes and helicopters 	<ul style="list-style-type: none"> ● Heater preservation of escape shooter in the containment room 	<ul style="list-style-type: none"> ● Heating for simple tents ● Prevention of condensation in temporary
<ul style="list-style-type: none"> ● Drying and sterilization of work clothes 	<ul style="list-style-type: none"> ● Drying and sterilization of work shoes 	<ul style="list-style-type: none"> ● Spot drying for indoor construction sites ● Prevention of freezing in cold climates

New compact and more powerful models are being developed !

New models for sugar coating machines for food factories and pharmaceutical companies are also scheduled to be added to the lineup.

- Drying and warming of sugar coating machine



TSK HOT AIR GEERATOR

Manufacture
Distributor



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There is the possibility that changes specification without notice to the improvement of performance. Actual product may differ a little with the photograph.