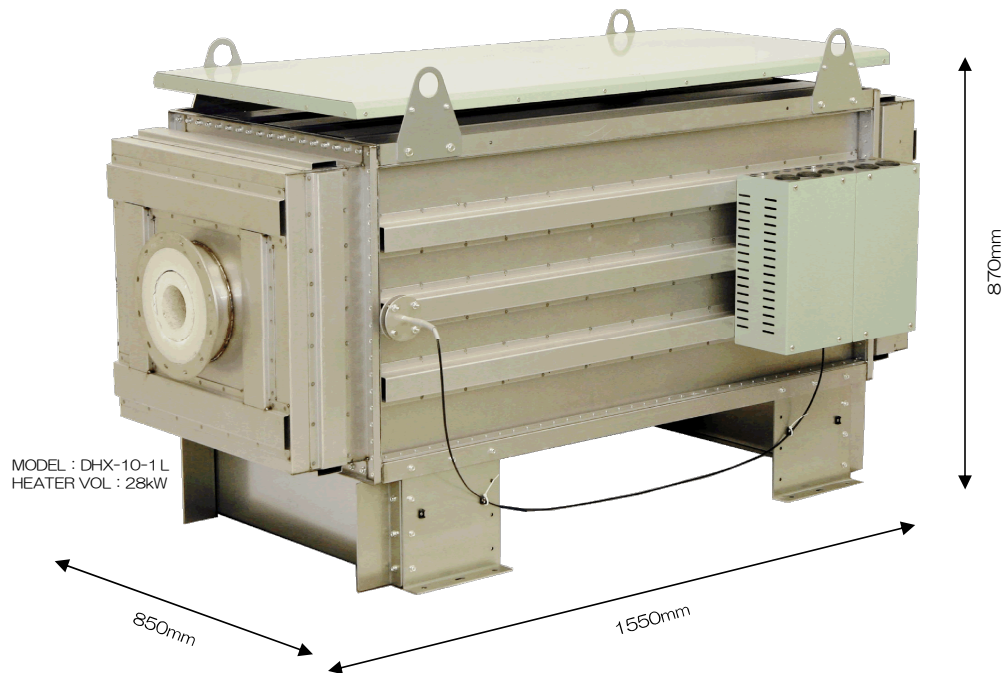


Achieved 1200 °C hot air (discharge port temperature) with an electric heater

- ◆ When the discharge hot air temperature is 1200 ° C, the surface temperature of the heating element is 1262 ° C, which is excellent for heat exchange.
- ◆ By using hot start operation (preheating), the discharged hot air temperature reaches 1000°C in 12 minutes.

The inlet temperature is an energy-saving specification that allows hot air to circulate up to 500 °C



※If you are considering hot air, please feel free to contact us.

- ◆ Preheating operation can be performed by using the edicated control panel, so hot air of 1200°C can be safely generated in the shortest time.
- ◆ It can be operated repeatedly for a long time even in the ultra-high temperature 1200°C
※999 °C specification is also available.
- ◆ Because it is an electric heater, it discharges 100% clean hot air.
※Hot air circulation is also possible. Energy Saving!
- ◆ A 3-piece set of heater, control panel, and blower is also available.
- ◆ Since the withstand voltage of the main body is about 30 kPa.
- ◆ it is possible to use a high pressure blower.
- ◆ It has a sufficient heat insulation structure and the surface temperature of the main body is 80 °C or less.
(At discharge hot air temperature 1200 ° C)

《STANDARD SPEC》

MODEL	MODEL No.	POWER SUPPLY	HEATER VOL.	MAX TEMP FOR CONTINUOUS USE
① DHX10-1L	Determined at the time of order	3相200V 3相220V 3相230V (※28kW Per Block)	28kW(200V) ~ 36kW(440V)	1200℃
② DHX10-2L			56kW(200V) ~ 72kW(440V)	
③ DHX10-4L		3相380V 3相400V 3相415V 3相440V 3相480V (※36kW Per Block)	112kW(200V) ~ 144kW(440V)	
④ DHX10-6L			168kW(200V) ~ 216kW(440V)	
⑤ DHX10-9L		3相400V 3相415V 3相440V 3相480V	324kW	
⑥ DHX10-12L			432kW	
⑦ DHX10-16L			576kW	
⑧ DHX10-20L			720kW	

Common Specification

- Ambient temp : DHX10 -10℃~+50℃, Controller 0℃~+40℃
- Ambient humidity : Less than 85%R.H.
- Installation : Indoor (A place without vibration that is not exposed to wind and rain)
- Mounting posture: Horizontal installation
- Supply gas: Clean air that does not contain oil, moisture, dust, etc., and indoor air

Heater Specification

- Body withstand voltage : 30kPa
- Max inlet temperature : 500℃
- Hot start max temp (preheating) : 1000℃
- Discharge port sensor: [R] Thermocouple
- Overheat prevention sensor: B sensor [K] thermocouple
- Main gas contact material: Brick, SUS, SS
- Insulation: brick, roslim board, calcium silicate

Delicated Control Panel Specification

- Hot air control temp range: normal temperature to 1200 ℃
- Heater control method: Power regulator (APR)
- Hot start function : 200℃~1000℃
- Safety circuit: Overheat / discharge temperature abnormality
- Run / stop by external signal, hot start operation by external signal
- Operation signal output, each abnormal signal output function

《Operating conditions and outlet temp arrival time》

※By performing hot start operation, the time to reach the outlet temp becomes very fast.

Outlet Hot-Air Operation	Cool Start	800℃ Hot Start	1000℃ Hot Start
1000℃	55min	25min	12min
1100℃	1hr20min	40min	23min
1200℃	2hr30min	1 hr30min	53min

Operating conditions: outside air temperature 20℃, air volume 0.83 m³ / min

《Discharge port temperature 1300 ℃ During demonstration operation》

