

# Approved Material List

## VENTILATION DIVISION OF FIRE SERVICES DEPARTMENT LIST OF MATERIALS APPROVED FOR USE IN VENTILATING SYSTEMS

Note: For details of the acceptance criteria / conditions, please refer to the acceptance letters issued to the manufacturers / suppliers

TYPE	BRAND NAME / MODELS / DESCRIPTION	MANUFACTURER	ACCEPTANCE DATE	DATE TO REVIEW	Remarks
<b>(1) Air Cleaner / Precipitators</b>					
Air Cleaner / Electrostatic Precipitator (690)	MAN PO "MP" Series/Model : a) F101,F102,F103,F104 b) F202,F203,F204 c) F303,F304.	Guangzhou Man Po Kitchen Equipment Co. Ltd.,PRC	4/3/2014	March 2019	a) The electrostatic precipitator shall not be used in hazardous locations or for the handling of hazardous gases/mixtures. b) All units shall be accompanied with an ex-factory inspection certificates issued by Guangzou Quality Supervision and Testing Institute(廣州市質量監督檢測研究院) to verify compliance with the above mentioned standards.
Electrostatic Precipitator (715)	"Trion" Grease Viper Series Electrostatic Precipitators / Grease Viper-XXX a) Single Pass ESP 266244-XXX; b) Double Pass ESP 266051-XXX; c) Triple Pass ESP 266245-XXX 1 to 4 cell high and 1 to 4 cell wide; total 16 sixes./ Duct-type factory assembly unit comprising an inlet plenum/grease baffles Section, 1-, 2- or 3-Pass EP (high voltage ionizer-collector) Section with automatic water wash fuction and aluminium mesh after-filter, optional odor control filter Section and optional pre-piped fire suppression nozzles.	Air Systems Components Inc., USA	25/7/2014	July 2019	a) The electrostatic precipitator shall not be used in kitchen exhaust systems.. b) The electrostatic precipitators shall not be used in hazardous locations or for the handling of hazardous gases/mixtures, c) All units shall remain "ETL" listed for compliance with UL 867 and bear the appropriate :ETL" identificate markings.
Electrostatic Precipitator (719)	"AIR-TECH" AT Series Electrostatic Precipitators /"AIR-TECH" Electrostatic Precipitators/ AT-01, AT-02 & AT-03 /Duct-type unit comprising powder painted steel casing, aluminium pre/after mesh filters, ionizer with tungsten wire in aluminium frame, aluminium collector cell and factory inbuilt control panel which includes power pack and electrical safety interlocking system.	Auto Integrated Ltd., PRC	13/8/2014	August 2019	a) The electrostatic precipitator shall not be used in hazardous locations or for the handling of hazardous gases/mixtures. b) All units shall be accompanied with an ex-factory inspection certificates issued by Guangzhou Quality Supervision and Testing Institute (廣州市質量監督檢測研究院) to verify compliance with the above mentioned standards.
Electrostatic Precipitator (723)	"HealthWay 2000SC" Series Electrostatic Precipitators /2000SC-220-1 & 2000SC-440-3//Duct-type factory assembly unit comprising a self-contained fan impeller, pre-filter, high energy grid and V-bank main filter and factory inbuilt control panel which includes a high voltage power supply and electrical safety interlocking system.	HealthWay Home Products, Inc., USA	25/8/2014	August 2019	a) The electrostatic precipitators shall not be used in kitchen exhaust systems. b) All units shall remain "USA" listed for compliance with UL 867 and bear the appropriate "CSA" identification markings.

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Electrostatic Precipitator (842)	"Smog-Hog" PSG Electrostatic Precipitators / Model : PSG -, followed by -11, -12, -13, -14, -15, -16, -21, -22, -23, -24, -25, -26, -31, -32, -33, -34, -35, -36, -41, -42, -43, -44, -45, -46, -51, -52, -53, -54, -55, -56, -61, -62, -63, -64, -65, -66, followed by -1, -2, -3 / Construction : Duct-type unit of same basic design for all models with identical components, comprising a steel cabinet, aluminium collector cells, high voltage power supply, pre/post filters (aluminium) and with no air-moving fan. The difference between models is in the number and arrangement of the collector cells used.	United Air Specialists Inc. (USA)	6/4/2016	September 2017	a) The electrostatic precipitators shall not be used in hazardous locations or for the handling of hazardous gases/mixtures. b) All units being installed shall remain Listed Products under the Intertek Product Certification Directory and bear the appropriate intertek ETL Listing Mark.
Electrostatic Precipitator (895)	"Dr. ESP™" (除煙博士™) Electrostatic Precipitators (EP) a) ESP2500 b) ESP 5000 c) ESP 7500 d) ESP 10K V/HT e) ESP 5000 V/HT f) ESP 7500V/HT / Comprising stainless steel casing, aluminum mesh filters, aluminium ionizer and aluminium collector cell with factory inbuilt control panel which includes power pack and electrical safety interlocking system	ISO-Ing Technologies Limited, Hong Kong	12/12/2016	November 2021	a) The electrostatic precipitator shall not be used in hazardous locations or for the handling of hazardous gases/mixtures. b) All units shall be sampled for test by the TÜV Rheinland (Guangdong) Co., Ltd. in accordance with ANSI/ASQCAZ 1.4 to verify compliance with the above mentioned standards. Sample test report shall be made available for inspection on request. c) This letter supersedes our letter of the same series dated 7.12.2010.
<b>(2) Fusible Links</b>					
Thermal Fusible Link (580)	"KK" 68.33 deg.C Fusible Link / a) Size: 50mm b) Size: 25mm	Kam Kee Eng. Co. Ltd., H.K.	21/5/2012	May 2017	For both sizes, they shall bear the following identification marks on their bodies: i) Brand and model names ii) Temperature rating iii) Batch identification (With an alphabet and a 2-digit figure standing for the batch number and the year of production respectively)

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Fusible Link (650)	"ACL® 68.33°C" Fusible Link (HD)	Dongguan Juwun Rubber & Plastic Products Co., Ltd., PRC	21/5/2013	May 2018	The products shall bear the following identification marks on their bodies: i) Brand and model names ii) Temperature rating iii) Date of production code iv) Lot & serial code Please note that for projects, e.g. hotel, where a large number of such fusible links are installed, you may be required to conduct site test to demonstrate their compliance with the rated temperature in accordance with the "Sampling Test Procedure on Fusible Link for Use in Fire Damper of Ventilating Systems" issued by this department, a copy of which is already in your possession.
Thermal Fusible Link (745)	"EVERTOP" SR Model ETL II Electro Thermal Fusible Link/ EVERTOP SR Model ETL II /Not exceeding 69°C. The product is "UL" listed File JGIX.R1431. The fusible link shall maintain its status as "UL" listed product.	GLOBE Technologies Corp., USA.	4/7/2014	July 2019	a) For loads from 5 to 40 lbs. inclusive b) This letter supersedes our previous one of the same series dated 29.7.2004.
Resettable Electric Fuse Link (732)	"Ruskin" EFL155 Resettable Electric Fuse Link	Ruskin Co., USA	3/11/2014	October 2019	a) The device shall bear the following identification marks on its body:i) Brand and model names ii) Temperature rating iii) Batch code b) Valid sample test report prepared by the manufacturer shall be made available for inspection upon request

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Fusible Link (781)	"K.W." Fusible Link / Model : Fusible Link a) $KW_L$ b) $KW_S$ / Temperature Rating : $68.33^{\circ}\text{C}$	K-Win Metal Works Manufactory Company, H.K.	20/7/2015	July 2020	For both models, they shall bear the following identification marks on their bodies: i) Brand and model names ii) Temperature rating iii) Batch identification (With an alphabet and a 2-digit figure standing for the year of production and the batch number respectively.) Please note that for projects, e.g. hotel, where a large number of such fusible links are installed, you may be required to conduct site test to demonstrate their compliance with the rated temperature in accordance with the "Sampling Test Procedure on Fusible Link for Use in Fire Damper of Ventilating Systems" issued by this department, a copy of which is already in your possession.
Fusible Link (786)	"BSB" / Gate Latch Fusible Link / Temperature Rating : $69^{\circ}\text{C}$	BSB Engineering Services Ltd., U.K.	4/8/2015	October 2017	a) The fusible link shall bear the following identification marks on its body: i) Brand name. ii) Temperature rating mark of $69^{\circ}\text{C}$ & iii) Batch code. b) For loads up to 18.94kg.  Please note that for large projects, e.g. hotel where a large number of such fusible links are installed, you may be required to conduct site test to demonstrate their compliance with the rated temperature in accordance with the "Sampling Test Procedure on Fusible Link for Use in Fire Damper of Ventilating Systems" issued by the department, a copy of which is already in your possession.
Thermal Link(787)	PHL / E-5720, Resettable Electro - Thermal Link / $69^{\circ}\text{C}$	Globe Technologies Corporation, USA.	4/8/2015	August 2020	a) The device shall bear the following identification marks on its body: i) Brand and model names ii) Temperature rating iii) UL mark. b) The fusible link shall maintain its status as a "UL" listed product.

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Fusible Link (796)	ACL® / Type/Model : Fusible Link / "ACL® 68.33°C" a) Standard Length (58mm), b) Short Length (28mm) / Temperature Rating : 68.33°C	Dongguan Juwun Rubber & Plastic Product Co., Ltd., PRC	16/9/2015	September 2020	a) For both models, they shall bear the following identification marks on their bodies: i) "ACL®" Trade mark ii) Temperature grade of 68.33°C on both sides. iii) Date Code, Lot & Serial reference on one side. b) For static loading up to 3kg. Please note that for projects, e.g. hotel, where a large number of such fusible links are installed, you may be required to conduct site test to demonstrate their compliance with the rated temperature in accordance with the "Sampling Test Procedure on Fusible Link for Use in Fire Damper of Ventilating Systems" issued by this department, a copy of which is already in your possession.
Fusible Link (816)	"Globe" / Model/Type : JS155°F / Temperature Rating : Not exceeding 69°C	Globe Technologies Corp., USA.	29/10/2015	September 2020	The device shall bear the following identification marks on its body: i) Brand and model names ii) Temperature rating iii) UL mark.
Fusible Link (820)	"Ruskin" Fusible Link / Model : Model A Extended Length / Temperature Rating : 68.3°C (155°F) / The product is "UL" listed under File JGIX.R8833.	Ruskin Company, USA	2/12/2015	November 2020	a) For loads from 2 to 40 lbs inclusive b) The product shall carry the appropriate UL and temperature rating marks.
Fusible Link (831)	"Globe" Model G Fusible Link / Model/Type : Model G 155°F (68°C) / Temperature Rating : Not exceeding 69°C .	GLOBE Technologies Corp., USA.	20/1/2016	March 2018	a) The fusible link shall bear the following identification marks on its body: i) Brand name ii) Temperature rating mark of 155°F & iii) Batch code. b) For loads from 3 to 45 lbs. inclusive.
Electro-thermal Link (849)	"S&R Products ETL II (Delta)" Electro Thermal Link / Model : "S&R Products Model ETL II (Delta)" / Temperature Rating : 69°C (156°F)	Globe Technologies Corporation, USA	7/6/2016	April 2021	a) For loads from 5 to 40 lbs inclusive b) The product shall bear the following identification marks on the body: i) Brand and model names ii) Temperature rating iii) UL listed symbol mark.

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Fusible Link (875)	Ruskin "Model A Extended Length" Fusible Link / Model A Extended Length / 155°F / Application : For Ruskin DIBD series Curtain Types Fire Dampers	Ruskin Company, USA	29/9/2016	September 2021	a) For loads from 2 to 40 lbs inclusive b) The product shall carry the appropriate UL and temperature rating marks. c) The fusible link shall maintain its status as a "UL" listed product.
Fusible Link (885)	"Actionair" Re-settable Thermal Release Cassette Brand Name : "Actionair" Re-settable Thermal Release Cassette, Part Number: CNNN01983, Temperature: Not exceeding 69 degree C Application: For use with "Actionair" Fire/ Shield Series 101, 201, 301, 401 bladed curtain fire dampers	Ruskin Air Management Ltd., UK	24/10/2016	March 2017	The cassette shall bear the following product identification marks on its body: - Brand name, - Temperature rating mark of 69 degree C & Circular dial data showing the month and year of manufacture,