

# LIST OF PRODUCT APPROVED FOR USE IN VENTILATING SYSTEMS

## Ventilation Division of FIRE SERVICES DEPARTMENT

Note (1) : For details of the acceptance criteria / conditions , please refer to the FSD approval letter(s) issued to the manufacturer / authorized supplier(s) of the products

Note (2) : Please refer to FSD Circular Letter No. 3/2020 for guidance for application for approval of Fusible Link and Electrostatic Filter or Precipitator products. If the product has been listed and published by a Product Certification Body (PCB) and Product Certification, it is deemed to be accepted by the FSD subject to such product being in conforming with all local relevant local requirements on product specification and its application in ventilating systems. As stipulated under Chapter 123J - Building (Ventilating Systems) Regulations and Chapter 132CE - Ventilation of Scheduled Premises Regulation, fusible link and electrostatic filter or precipitator shall be of a type approved by the Director of Fire Services. In this connection, application for FSD approval on all fusible link and electrostatic filter or precipitator for use in ventilating systems is required.

| TYPE  | BRAND NAME / MODELS / DESCRIPTION  | MANUFACTURER / AUTHORIZED SUPPLIER              | FSD ACCEPTANCE DATE | DATE TO REVIEW (Subject to Renewal) | Remarks  |
|---|--|---|---------------------|-------------------------------------|--|
| <b>(1) Electrostatic Filter / Precipitators</b> |  |   |                     |                                     |  |
| Air Cleaner / Electrostatic Precipitator (690)  | MAN PO "MP" Series/Model : a) F101,F102,F103,F104<br>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 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 (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 function 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" identification 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. |

## LIST OF PRODUCT APPROVED FOR USE IN VENTILATING SYSTEMS

### Ventilation Division of FIRE SERVICES DEPARTMENT

Note (1) : For details of the acceptance criteria / conditions , please refer to the FSD approval letter(s) issued to the manufacturer / authorized supplier(s) of the products

Note (2) : Please refer to FSD Circular Letter No. 3/2020 for guidance for application for approval of Fusible Link and Electrostatic Filter or Precipitator products. If the product has been listed and published by a Product Certification Body (PCB) and Product Certification, it is deemed to be accepted by the FSD subject to such product being in conforming with all local relevant local requirements on product specification and its application in ventilating systems. As stipulated under Chapter 123J - Building (Ventilating Systems) Regulations and Chapter 132CE - Ventilation of Scheduled Premises Regulation, fusible link and electrostatic filter or precipitator shall be of a type approved by the Director of Fire Services. In this connection, application for FSD approval on all fusible link and electrostatic filter or precipitator for use in ventilating systems is required.

| TYPE                             | BRAND NAME / MODELS / DESCRIPTION  | MANUFACTURER / AUTHORIZED SUPPLIER      | FSD ACCEPTANCE DATE | DATE TO REVIEW (Subject to Renewal) | Remarks  |
|----------------------------------|--|---|---------------------|-------------------------------------|--|
| 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.   |
| Electrostatic Precipitator (895) | "Dr. ESPTM" (除煙博士TM) Electrostatic Precipitators (EP)<br>a) ESP2500 b) ESP 5000 c) ESP 7500 d) ESP 10K V/HT e) ESP 5000 V/HT f) ESP 7500V/HT /<br>Comprising stainless steel casing, aluminium 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.<br>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.<br>c) This letter supersedes our letter of the same series dated 7.12.2010. |
| Electrostatic Precipitator (914) | "Air-Quality" Electrostatic Precipitator<br>Model: "Smokemaster" electrostatic air cleaners<br>a) F61A (AutoClean 2000), F61B (AutoClean 4000, F61C (AutoClean 8000),<br>b) Excel Series F72: F72A (Excel Air 2000), F72B (Excel Air 4000).<br>Application: Ventilating and Kitchen exhaust systems  | Air Quality Engineering, Inc., USA      | 1/2/2017            | December 2021                       | a) The electrostatic air cleaners shall not be used in hazardous locations or for the handling of hazardous gases/mixtures.<br>b) All units shall bear the appropriate "ETL" markings.   |

## LIST OF PRODUCT APPROVED FOR USE IN VENTILATING SYSTEMS

### Ventilation Division of FIRE SERVICES DEPARTMENT

Note (1) : For details of the acceptance criteria / conditions , please refer to the FSD approval letter(s) issued to the manufacturer / authorized supplier(s) of the products

Note (2) : Please refer to FSD Circular Letter No. 3/2020 for guidance for application for approval of Fusible Link and Electrostatic Filter or Precipitator products. If the product has been listed and published by a Product Certification Body (PCB) and Product Certification, it is deemed to be accepted by the FSD subject to such product being in conforming with all local relevant local requirements on product specification and its application in ventilating systems. As stipulated under Chapter 123J - Building (Ventilating Systems) Regulations and Chapter 132CE - Ventilation of Scheduled Premises Regulation, fusible link and electrostatic filter or precipitator shall be of a type approved by the Director of Fire Services. In this connection, application for FSD approval on all fusible link and electrostatic filter or precipitator for use in ventilating systems is required.

| TYPE                             | BRAND NAME / MODELS / DESCRIPTION  | MANUFACTURER / AUTHORIZED SUPPLIER     | FSD ACCEPTANCE DATE | DATE TO REVIEW (Subject to Renewal) | Remarks  |
|----------------------------------|--|--|---------------------|-------------------------------------|--|
| Electrostatic Precipitator (938) | "GZGREEN" Model GEP-01 Series Electrostatic Precipitators for Kitchen Exhaust System<br>Model: GEP-01A(HD), GEP-01B(HD), GEP-01C(HD), GEP-EH-A, GEP-01B(AW), GEP-01C(AW),<br>Construction : Duct type unit, comprising stainless steel 304 / powder-coated galvanized steel (max. 1.2mm of thickness) cabinet and galvanized steel / aluminium washable pre-filter & after filter, aluminium ionizer and collector cell and factory inbuilt control panel including solid-state power pack and electrical safety interlocking system.  | GZGreen Technologies Co., Ltd.,<br>PRC | 23/5/2017           | April 2022                          | a) The electrostatic air cleaners shall not be used in hazardous locations or for the handling of hazardous gases/mixtures. b) All units supplied to the market shall be accompanied by an ex-factory inspection report by UL-CCIC Company Limited that certified compliance with the standards.   |
| Electrostatic Precipitator (969) | "GZGREEN" Model GEP-01 Series Electrostatic Precipitators for Kitchen Exhaust System / Product Name : GZGREEN Electrostatic Precipitator / Model : GEP-01A, GEP-01B, GEP-01C, GEP-EH-A, GEP-01B(AW) & GEP-01C(AW) / Construction : Duct type unit, comprising stainless steel 304 / powder-coated galvanized steel (max. 1.2mm of thickness) cabinet and galvanised steel / aluminium washable pre-filter & after filter, aluminium ionizer and collector cell and factory inbuilt control panel including solid-state power pack and electrical safety interlocking system. | GZGreen Technologies Co., Ltd.,<br>PRC | 25/9/2017           | April 2022                          | a) No assessment was made on the power cable cord. b) The electrostatic precipitator shall not be used in hazardous locations or for the handling of hazardous gases / mixtures. c) All units supplied to the market shall be accompanied by an ex-factory inspection report by Guangdong Testing Institute of Product Quality Supervision 廣東產品質量監督檢驗研究院 to verify compliance with the above mentioned standards. d) This assessment letter supersedes our previous one of the same series dated 23.5.2017 |

## LIST OF PRODUCT APPROVED FOR USE IN VENTILATING SYSTEMS

### Ventilation Division of FIRE SERVICES DEPARTMENT

Note (1) : For details of the acceptance criteria / conditions , please refer to the FSD approval letter(s) issued to the manufacturer / authorized supplier(s) of the products

Note (2) : Please refer to FSD Circular Letter No. 3/2020 for guidance for application for approval of Fusible Link and Electrostatic Filter or Precipitator products. If the product has been listed and published by a Product Certification Body (PCB) and Product Certification, it is deemed to be accepted by the FSD subject to such product being in conforming with all local relevant local requirements on product specification and its application in ventilating systems. As stipulated under Chapter 123J - Building (Ventilating Systems) Regulations and Chapter 132CE - Ventilation of Scheduled Premises Regulation, fusible link and electrostatic filter or precipitator shall be of a type approved by the Director of Fire Services. In this connection, application for FSD approval on all fusible link and electrostatic filter or precipitator for use in ventilating systems is required.

| TYPE                              | BRAND NAME / MODELS / DESCRIPTION   | MANUFACTURER / AUTHORIZED SUPPLIER   | FSD ACCEPTANCE DATE | DATE TO REVIEW (Subject to Renewal)                                 | Remarks   |
|-----------------------------------|---|--------------------------------------|---------------------|---|---|
| Electrostatic Precipitator (1012) | "Smog-Hog" PSG Electrostatic Precipitator / Model : PSG - followed by 11, 12, 13, 14, 21, 22, 23, 24, 32, 33, 34, 42, 43, 44, 52, 53, 54, 62, 63, 64; followed by - 1 / Application : Mechanical ventilating system and kitchen exhaust system / 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. / Power Supply : Suitable for 220V, 50Hz single phase supply (With built-in step down transformer by manufacturer) | United Air Specialists, Inc. USA     | 20/2/2018           | Subject to review with the updating of edition of the test standard | a) The electrostatic precipitator shall not be used in hazardous locations or for the handling of hazardous gases/ mixtures. b) All units being installed remain Listed Products under the Intertek Product Certificate Directory and bear the appropriate Intertek ETL Listing Mark. c) This letter supersedes our previous one of the same series dated 6 April 2016. |
| Electrostatic Precipitator (1063) | "Smog-Hog" PSH Electrostatic Precipitator / Model : PSH - followed by 11, 12, 13, 14, 21, 22, 23, 24, 32, 33, 34, 42, 43, 44, 52, 53, 54, 62, 63, 64; followed by - 1 / Application : Mechanical ventilating system and kitchen exhaust system / Construction : Duct-type unit of same basic design for all models with identical component 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. / Power Supply : Suitable for 220V, 50Hz single phase supply ( With built-in step down transformer by manufacturer)  | CLARCOR Filtration (China) Co., Ltd. | 2/11/2018           | Subject to review with the updating of edition of the test standard | a) The electrostatic precipitator shall not be used in hazardous locations or for the handling of hazardous gases / mixtures. b) All units being installed remain Listed Products under the Intertek Product Certificate Directory and bear the appropriate Intertek ETL Listing Mark.  |

## LIST OF PRODUCT APPROVED FOR USE IN VENTILATING SYSTEMS

### Ventilation Division of FIRE SERVICES DEPARTMENT

Note (1) : For details of the acceptance criteria / conditions , please refer to the FSD approval letter(s) issued to the manufacturer / authorized supplier(s) of the products

Note (2) : Please refer to FSD Circular Letter No. 3/2020 for guidance for application for approval of Fusible Link and Electrostatic Filter or Precipitator products. If the product has been listed and published by a Product Certification Body (PCB) and Product Certification, it is deemed to be accepted by the FSD subject to such product being in conforming with all local relevant local requirements on product specification and its application in ventilating systems. As stipulated under Chapter 123J - Building (Ventilating Systems) Regulations and Chapter 132CE - Ventilation of Scheduled Premises Regulation, fusible link and electrostatic filter or precipitator shall be of a type approved by the Director of Fire Services. In this connection, application for FSD approval on all fusible link and electrostatic filter or precipitator for use in ventilating systems is required.

| TYPE                              | BRAND NAME / MODELS / DESCRIPTION  | MANUFACTURER / AUTHORIZED SUPPLIER     | FSD ACCEPTANCE DATE | DATE TO REVIEW (Subject to Renewal)                                 | Remarks  |
|-----------------------------------|--|--|---------------------|---|--|
| Electrostatic Precipitator (1069) | "Airscren 2300" Electrostatic Precipitator / Model : "Airscren 2300" Electronic Air Filter / Application : Mechanical ventilation system according to manufacturer's instruction / Construction : A two inches thick panel type device comprising a conductive screen sandwiched between two layers of fiberglass filter (tested to UL 900, Class II) and housed in a metal casing incorporated with a power adaptor. / Power Supply : Input rating of 120V AC, 50 Hz, single phase / Certificate of Compliance : No. 1362961 of 12.3.2015 issued by CSA International                       | InnerEco Environmental Inc.,<br>Canada | 14/11/2018          | March 2025  | a) The product shall not be used in kitchen exhaust and hazardous locations or for the handling of hazardous gases/mixtures. b) The product shall bear the appropriate CSA identification markings. c) The product shall comply with safety requirements in the manufacturer's recommendations. d) The product shall not be used in Hong Kong households in accordance with the Electrical Products (Safety) Regulation. e) The letter supersedes our previous one of the same series dated 22.12.2009 |
| Electrostatic Precipitator (1074) | "AIR-TECH" AT, AT-H and AT-H/W Series Electrostatic Precipitators / Product Name : "AIR-TECH" Electrostatic Precipitator / Model : AT-01, AT02, AT03, AT-01H, AT-02H, AT-03H, AT-01/W, AT-02/W, AT-03/W, AT-01H/W, AT-02H/W and AT-03H/W / Description : Duct-type unit comprising powder painted steel casing, aluminium pre/after mesh filter, ionizer with tungsten wire in aluminium frame, aluminium collector cell and factory inbuilt control panel which includes power pack and electrical safety interlocking system. / Power Supply : Suitable for 220V, 50Hz single phase supply | Auto Integrated Ltd., PRC              | 20/11/2018          | Subject to review with the updating of edition of the test standard | 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 (廣州質量監督檢測研究院) to verify compliance with the above mentioned standards. c) This letter supersedes our previous one of the same series dated 13 August 2014.   |

## LIST OF PRODUCT APPROVED FOR USE IN VENTILATING SYSTEMS

### Ventilation Division of FIRE SERVICES DEPARTMENT

Note (1) : For details of the acceptance criteria / conditions , please refer to the FSD approval letter(s) issued to the manufacturer / authorized supplier(s) of the products

Note (2) : Please refer to FSD Circular Letter No. 3/2020 for guidance for application for approval of Fusible Link and Electrostatic Filter or Precipitator products. If the product has been listed and published by a Product Certification Body (PCB) and Product Certification, it is deemed to be accepted by the FSD subject to such product being in conforming with all local relevant local requirements on product specification and its application in ventilating systems. As stipulated under Chapter 123J - Building (Ventilating Systems) Regulations and Chapter 132CE - Ventilation of Scheduled Premises Regulation, fusible link and electrostatic filter or precipitator shall be of a type approved by the Director of Fire Services. In this connection, application for FSD approval on all fusible link and electrostatic filter or precipitator for use in ventilating systems is required.

| TYPE                              | BRAND NAME / MODELS / DESCRIPTION  | MANUFACTURER / AUTHORIZED SUPPLIER                     | FSD ACCEPTANCE DATE | DATE TO REVIEW (Subject to Renewal) | Remarks   |
|-----------------------------------|--|--|---------------------|-------------------------------------|---|
| Electrostatic Precipitator (1080) | "Fangda" FD Series Electrostatic Precipitators / Product Name : " Fangda" Electrostatic Precipitator / Model : FT-3000-1, 3000-2,3000-3, 3000-4 & 3000-5 / Description : Duct-type unit, comprising stainless steel casing, stainless steel pre/after mesh filter, stainless steel ionizer and collector cell , factory inbuilt control panel which includes solid-state power pack and electrical interlocking system. / Power Supply : Suitable for 220V, 50Hz single phase supply   | Shenzhen Hengfeng Kitchen Utensils Equipment Co., Ltd. | 14/12/2018          | August 2028                         | 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 ( 廣州質量監督檢測研究院 ) to verify compliance with the above mentioned standards. c) This assessment is subject to review by August 2028 or with the updating of the test standard.  |
| Electrostatic Precipitator (1092) | "Fangda" FD Series Electrostatic Precipitators / Product Name : " Fangda" Electrostatic Precipitator / Model : FD-3000-1, 3000-2,3000-3, 3000-4 & 3000-5 / Description : Duct-type unit, comprising stainless steel casing, stainless steel pre/after mesh filter, stainless steel ionizer and collector cell , factory inbuilt control panel which includes solid-state power pack and electrical interlocking system. / Power Supply : Suitable for 220V, 50Hz single phase supply   | Shenzhen Hengfeng Kitchen Utensils Equipment Co., Ltd. | 25/2/2019           | August 2028                         | 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 ( 廣州質量監督檢測研究院 ) to verify compliance with the above mentioned standards. c) This letter supersedes our previous letter of the same reference dated 14.12.2018. d) This assessment is subject to review by August 2028 or with the updating of the test standard.    |
| Electrostatic Precipitator (1094) | "Man Po" MP Series Electrostatic Precipitators / Product Name : "Man Po" Electrostatic Precipitator / Model : "MP" Series a) F101,F102,F103, F104 b) F202, F203,F204 c) F303,304 / Description : Duct-type unit, comprising stainless steel or galvanized steel casing, stainless steel pre / after mesh filters, stainless steel ionizer and collector cell (stainless steel and aluminium), auto-wash system and factory inbuilt control panel which includes power pack and electrical safety interlocking system. / Power Supply : Suitable for 220V, 50Hz single phase supply | Guangzhou Man Po Kitchen Equipment Co., Ltd., PRC      | 1/4/2019            | January 2029                        | 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 (廣州質量監督檢測研究院) to verify compliance with the above mentioned standards. c) This assessment letter supersedes our previous one of the same series dated 4.3.2014. d) This assessment is subject to review by January 2029 or with the updating of the test standard. |

## LIST OF PRODUCT APPROVED FOR USE IN VENTILATING SYSTEMS

### Ventilation Division of FIRE SERVICES DEPARTMENT

Note (1) : For details of the acceptance criteria / conditions , please refer to the FSD approval letter(s) issued to the manufacturer / authorized supplier(s) of the products

Note (2) : Please refer to FSD Circular Letter No. 3/2020 for guidance for application for approval of Fusible Link and Electrostatic Filter or Precipitator products. If the product has been listed and published by a Product Certification Body (PCB) and Product Certification, it is deemed to be accepted by the FSD subject to such product being in conforming with all local relevant local requirements on product specification and its application in ventilating systems. As stipulated under Chapter 123J - Building (Ventilating Systems) Regulations and Chapter 132CE - Ventilation of Scheduled Premises Regulation, fusible link and electrostatic filter or precipitator shall be of a type approved by the Director of Fire Services. In this connection, application for FSD approval on all fusible link and electrostatic filter or precipitator for use in ventilating systems is required.

| TYPE                              | BRAND NAME / MODELS / DESCRIPTION  | MANUFACTURER / AUTHORIZED SUPPLIER                     | FSD ACCEPTANCE DATE | DATE TO REVIEW (Subject to Renewal) | Remarks   |
|-----------------------------------|--|--|---------------------|-------------------------------------|---|
| Electrostatic Precipitator (1096) | "Fangda" FD Series Electrostatic Precipitators / Product Name: "Fangda" Electrostatic Precipitator / Model : FD-3000-1 . 3000-2,3000-3. 3000-4 & 3000-5 / Description : Duct-type unit, comprising stainless steel casing, stainless steel pre/after mesh filter, stainless steel ionizer and collector cell , factory inbuilt control panel which includes solid-state power pack and electrical interlocking system. / Power Supply : Suitable for 220V, 50Hz single phase supply                                    | Shenzhen Hengfeng Kitchen Utensils Equipment Co., Ltd. | 25/2/2019           | August 2028                         | 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 (廣州質量監督檢測研究院) to verify compliance with the above mentioned standards. c) This letter supersedes our previous letter of the same reference dated 14.12.2018 d) This assessment is subject to review by August 2028 or with the updating of the test standard. |
| Electrostatic Precipitator (1106) | "Klean" Electrostatic Precipitators - BS266 Series Products / Product Name : "Klean" Electrostatic Precipitator / Model : BS-266J-20G, 20, 12G, 12 / Description : Duct-type unit, comprising mild steel cabinet, galvanized steel pre-filter, galvanized steel collection sections, stainless steel ionization section, honeycomb filter cells , factory inbuilt control panel which includes solid-state power pack and electrical interlocking system. / Power Supply : Suitable for 220V, 50Hz single phase supply | Kleantechnics Environmental Products Co., Ltd.         | 29/5/2019           | September 2028                      | 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 (廣州質量監督檢測研究院) to verify compliance with the above mentioned standards. c) This assessment is subject to review by September 2028 or with the updating of the test standard.   |

## LIST OF PRODUCT APPROVED FOR USE IN VENTILATING SYSTEMS

### Ventilation Division of FIRE SERVICES DEPARTMENT

Note (1) : For details of the acceptance criteria / conditions , please refer to the FSD approval letter(s) issued to the manufacturer / authorized supplier(s) of the products

Note (2) : Please refer to FSD Circular Letter No. 3/2020 for guidance for application for approval of Fusible Link and Electrostatic Filter or Precipitator products. If the product has been listed and published by a Product Certification Body (PCB) and Product Certification, it is deemed to be accepted by the FSD subject to such product being in conforming with all local relevant local requirements on product specification and its application in ventilating systems. As stipulated under Chapter 123J - Building (Ventilating Systems) Regulations and Chapter 132CE - Ventilation of Scheduled Premises Regulation, fusible link and electrostatic filter or precipitator shall be of a type approved by the Director of Fire Services. In this connection, application for FSD approval on all fusible link and electrostatic filter or precipitator for use in ventilating systems is required.

| TYPE                              | BRAND NAME / MODELS / DESCRIPTION  | MANUFACTURER / AUTHORIZED SUPPLIER             | FSD ACCEPTANCE DATE | DATE TO REVIEW (Subject to Renewal) | Remarks  |
|-----------------------------------|--|--|---------------------|-------------------------------------|--|
| Electrostatic Precipitator (1107) | "Klean" Electrostatic Precipitators - BS216J Series Products / Product Name : "Klean" Electrostatic Precipitator / Model : BS-261J-4K, 6K, 8K, 1 12K, 16K, 20K, 25K, 30K, 36K, 42K / Description : Duct-type unit, comprising mild steel cabinet, galvanized steel pre-filter, galvanized steel collection sections, stainless steel ionization section, honeycomb filter cells , factory inbuilt control panel which includes solid-state power pack and electrical interlocking system. / Power Supply : Suitable for 220V, 50Hz single phase supply | Kleantechnics Environmental Products Co., Ltd. | 29/5/2019           | September 2028                      | 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 (廣州質量監督檢測研究院) to verify compliance with the above mentioned standards. c) This assessment is subject to review by September 2028 or with the updating of the edition of the test standard. |
| Electrostatic Precipitator (1121) | "Klean" Electrostatic Precipitator - BS266 Series Products / Product Name : "Klean" Electrostatic Precipitator / Model : BS-266J-20G, 20, 12G, 12 / Description : Duct type unit, comprising mild steel cabinet, galvanized steel pre-filter, galvanized steel collection sections, stainless steel ionization section, honeycomb filter cells , factory inbuilt control panel which includes solid-state power pack and electrical interlocking system. / Power Supply : Suitable for 220V, 50Hz single phase supply                                  | Kleantechnics Environmental Products Co., Ltd. | 8/7/2019            | September 2028                      | 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 (廣州質量監督檢測研究院) to verify compliance with the above mentioned standards. c) This assessment is subject to review by September 2028 or with the updating of the test standard.                |



## LIST OF PRODUCT APPROVED FOR USE IN VENTILATING SYSTEMS

### Ventilation Division of FIRE SERVICES DEPARTMENT

Note (1) : For details of the acceptance criteria / conditions , please refer to the FSD approval letter(s) issued to the manufacturer / authorized supplier(s) of the products

Note (2) : Please refer to FSD Circular Letter No. 3/2020 for guidance for application for approval of Fusible Link and Electrostatic Filter or Precipitator products. If the product has been listed and published by a Product Certification Body (PCB) and Product Certification, it is deemed to be accepted by the FSD subject to such product being in conforming with all local relevant local requirements on product specification and its application in ventilating systems. As stipulated under Chapter 123J - Building (Ventilating Systems) Regulations and Chapter 132CE - Ventilation of Scheduled Premises Regulation, fusible link and electrostatic filter or precipitator shall be of a type approved by the Director of Fire Services. In this connection, application for FSD approval on all fusible link and electrostatic filter or precipitator for use in ventilating systems is required.

| TYPE                              | BRAND NAME / MODELS / DESCRIPTION  | MANUFACTURER / AUTHORIZED SUPPLIER             | FSD ACCEPTANCE DATE | DATE TO REVIEW (Subject to Renewal) | Remarks  |
|-----------------------------------|--|--|---------------------|-------------------------------------|--|
| Electrostatic Precipitator (1122) | "Klean" Electrostatic Precipitators - BS216J Series Products / Product Name : "Klean" Electrostatic Precipitator / Model : BS-216J-4K, 6K, 8K, 1 12K, 16K, 20K, 25K, 30K, 36K, 42K / Description : Duct-type unit, comprising mild steel cabinet, galvanized steel pre-filter, galvanized steel collection sections, stainless steel ionization section, honeycomb filter cells , factory inbuilt control panel which includes solid-state power pack and electrical interlocking system. / Power Supply : Suitable for 220V, 50Hz single phase supply | Kleantechnics Environmental Products Co., Ltd. | 15/7/2019           | September 2028                      | 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 (廣州質量監督檢測研究院) to verify compliance with the above mentioned standards. c) This assessment is subject to review by September 2028 or with the updating of the edition of the test standard. |
| Electrostatic Precipitator (1136) | "Euro Asia Technology Company Limited " Electrostatic Precipitators_ / Model : TW-KH-EAN200-UL, TW-KH-EAN400-UL, TW-KH-EAN600-UL / Application : Mechanical ventilating system / 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. / Power Supply : Suitable for 220V, 50Hz single phase supply  | Elastrostatic Air Cleaners, Fixed              | 9/9/2019            | September 2028                      | a) The electrostatic precipitator shall not be used in hazardous locations or for the handling of hazardous gases/ mixtures. b) All units being installed remain Listed Products under the UL Certificate Directory. c) The product shall bear the appropriate UL Mark. d) This assessment is subject to review by September 2028 or with the updating of the edition of the test standard..   |

## LIST OF PRODUCT APPROVED FOR USE IN VENTILATING SYSTEMS

### Ventilation Division of FIRE SERVICES DEPARTMENT

Note (1) : For details of the acceptance criteria / conditions , please refer to the FSD approval letter(s) issued to the manufacturer / authorized supplier(s) of the products

Note (2) : Please refer to FSD Circular Letter No. 3/2020 for guidance for application for approval of Fusible Link and Electrostatic Filter or Precipitator products. If the product has been listed and published by a Product Certification Body (PCB) and Product Certification, it is deemed to be accepted by the FSD subject to such product being in conforming with all local relevant local requirements on product specification and its application in ventilating systems. As stipulated under Chapter 123J - Building (Ventilating Systems) Regulations and Chapter 132CE - Ventilation of Scheduled Premises Regulation, fusible link and electrostatic filter or precipitator shall be of a type approved by the Director of Fire Services. In this connection, application for FSD approval on all fusible link and electrostatic filter or precipitator for use in ventilating systems is required.

| TYPE                              | BRAND NAME / MODELS / DESCRIPTION  | MANUFACTURER / AUTHORIZED SUPPLIER                     | FSD ACCEPTANCE DATE | DATE TO REVIEW (Subject to Renewal) | Remarks   |
|-----------------------------------|--|--|---------------------|-------------------------------------|---|
| Electrostatic Precipitator (1178) | "Meikong Electrostatic Air Precipitators / Product Name : "Man Po" Electrostatic Precipitator / Model : "Meikong Series MK-OF04-2-3, MK-OF06-2-3, MK-OF08-3-3, MK-OF10-3-3, MK-OF12-3-3, MK-OF14-3-3, MK-OF16-3-3, MK-OF18-3-3, MK-OF20-3-3, MK-OF25-3-3, MK-OF30-3-3, MK-OF04-2-4, MK-OF06-2-4, MK-OF08-2-4, MK-OF10-4-4, MK-OF12-4-4, MK-OF14-4-4, MK-OF16-4-4, MK-OF18-4-4, MK-OF20-4-4, MK-OF25-4-4, MK-OF30-4-4, MK-OF04-3-5, MK-OF06-3-5, MK-OF08-5-5, MK-OF10-5-5, MK-OF12-5-5, MK-OF14-5-5, MK-OF16-5-5, MK-OF18-5-5, MK-OF20-5-5, MK-OF25-5-5, MK-OF30-5-5 / Description : Duct-type unit, comprising stainless steel or galvanized steel casing, stainless steel pre mesh filters, stainless steel ionizer and collector cell, which includes electrical safety interlocking system. / Power Supply : Suitable for 380V, 50Hz three phase supply | GuangDong MeiKong Electronic Technology Co., Ltd., PRC | 21/5/2020           | June 2029                           | 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 Guangdong Testing Institute of Product Quality Supervision to verify compliance with the above mentioned standards. |

## LIST OF PRODUCT APPROVED FOR USE IN VENTILATING SYSTEMS

### Ventilation Division of FIRE SERVICES DEPARTMENT

Note (1) : For details of the acceptance criteria / conditions , please refer to the FSD approval letter(s) issued to the manufacturer / authorized supplier(s) of the products

Note (2) : Please refer to FSD Circular Letter No. 3/2020 for guidance for application for approval of Fusible Link and Electrostatic Filter or Precipitator products. If the product has been listed and published by a Product Certification Body (PCB) and Product Certification, it is deemed to be accepted by the FSD subject to such product being in conforming with all local relevant local requirements on product specification and its application in ventilating systems. As stipulated under Chapter 123J - Building (Ventilating Systems) Regulations and Chapter 132CE - Ventilation of Scheduled Premises Regulation, fusible link and electrostatic filter or precipitator shall be of a type approved by the Director of Fire Services. In this connection, application for FSD approval on all fusible link and electrostatic filter or precipitator for use in ventilating systems is required.

| TYPE                              | BRAND NAME / MODELS / DESCRIPTION  | MANUFACTURER / AUTHORIZED SUPPLIER                         | FSD ACCEPTANCE DATE | DATE TO REVIEW (Subject to Renewal) | Remarks  |
|-----------------------------------|--|--|---------------------|-------------------------------------|--|
| Electrostatic Precipitator (1223) | "Clean Air" Electrostatic Precipitator GAE Series / Model : GAE - followed by -250, -375, -500, -625, -750, -875; may be followed by /w; maybe followed by -1, -2, -3,-4 (The digital in model (-1, -2, -3,-4) indicates the number of tiers high, "w" indicates to incorporate automatic cleaning function sump pump) / Application : Mechanical ventilating system and kitchen exhaust system / Construction : Duct-type unit of same basic design for all models with identical components, comprising a galvanized steel cabinet, aluminium collector cells, high voltage power supply, pre/post filters (aluminium) and with no air-moving fan. The different between models is in the number and arrangement of the collector cells used. / Power Supply : Suitable for 220V, 50Hz single phase supply (With built-in step down transformer by manufacturer) | Shandong environmental pollution control system, Co. Ltd.  | 8/9/2020            | May 2025                            | a) The electrostatic precipitator shall not be used in hazardous locations or for the handling of hazardous gases/ mixtures. b) All units being installed remain Listed Products under the Intertek Product Certificate Directory and bear the appropriate Intertek ETL Listing Mark.  |
| Electrostatic Precipitator (1229) | "Filtornado" FTD Series Electrostatic Precipitators / Product Name : "Filtornado" Electrostatic Precipitator / Model : FT-01, FT02, FT03 / Description : Duct-type unit, comprising stainless steel casing, stainless steel filter, stainless steel ionizer, stainless steel collection cell and factory inbuilt control panel which includes electrical safety interlocking system. / Power Supply : Suitable for 220V, 50Hz single phase supply  | Shenzhen Hengfeng Kitchen Utensils Equipment Co., Ltd. PRC | 23/9/2020           | April 2025                          | 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 (廣州質量監督檢測研究院) to verify compliance with the above mentioned standards. |

# LIST OF PRODUCT APPROVED FOR USE IN VENTILATING SYSTEMS

## Ventilation Division of FIRE SERVICES DEPARTMENT

Note (1) : For details of the acceptance criteria / conditions , please refer to the FSD approval letter(s) issued to the manufacturer / authorized supplier(s) of the products

Note (2) : Please refer to FSD Circular Letter No. 3/2020 for guidance for application for approval of Fusible Link and Electrostatic Filter or Precipitator products. If the product has been listed and published by a Product Certification Body (PCB) and Product Certification, it is deemed to be accepted by the FSD subject to such product being in conforming with all local relevant local requirements on product specification and its application in ventilating systems. As stipulated under Chapter 123J - Building (Ventilating Systems) Regulations and Chapter 132CE - Ventilation of Scheduled Premises Regulation, fusible link and electrostatic filter or precipitator shall be of a type approved by the Director of Fire Services. In this connection, application for FSD approval on all fusible link and electrostatic filter or precipitator for use in ventilating systems is required.

| TYPE                                | BRAND NAME / MODELS / DESCRIPTION  | MANUFACTURER / AUTHORIZED SUPPLIER                        | FSD ACCEPTANCE DATE | DATE TO REVIEW (Subject to Renewal) | Remarks   |
|-------------------------------------|--|---|---------------------|-------------------------------------|---|
| Electrostatic Precipitator (1244)   | "Filtornado" FTD Series Electrostatic Precipitators / Product Name : "Filtornado" Electrostatic Precipitator / Model : FTD-01, FTD-02, FTD-03 / Description : Duct-type unit, comprising stainless steel casing, stainless steel filter, stainless steel ionizer, stainless steel collection cell and factory inbuilt control panel which includes electrical safety interlocking system. / Power Supply : Suitable for 220V, 50Hz single phase supply | Shenzhen Hengfeng Kitchen Utensils Equipment Co., Ltd PRC | 6/11/2020           | April 2025                          | 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 (廣州質量監督檢測研究院) to verify compliance with the above mentioned standards. c) This assessment letter supersedes our previous one of the same series dated 23.9.2020 |
| <b>(2) Fusible Links</b>            |  |   |                     |                                     |   |
| 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  |

# LIST OF PRODUCT APPROVED FOR USE IN VENTILATING SYSTEMS

## Ventilation Division of FIRE SERVICES DEPARTMENT

Note (1) : For details of the acceptance criteria / conditions , please refer to the FSD approval letter(s) issued to the manufacturer / authorized supplier(s) of the products

Note (2) : Please refer to FSD Circular Letter No. 3/2020 for guidance for application for approval of Fusible Link and Electrostatic Filter or Precipitator products. If the product has been listed and published by a Product Certification Body (PCB) and Product Certification, it is deemed to be accepted by the FSD subject to such product being in conforming with all local relevant local requirements on product specification and its application in ventilating systems. As stipulated under Chapter 123J - Building (Ventilating Systems) Regulations and Chapter 132CE - Ventilation of Scheduled Premises Regulation, fusible link and electrostatic filter or precipitator shall be of a type approved by the Director of Fire Services. In this connection, application for FSD approval on all fusible link and electrostatic filter or precipitator for use in ventilating systems is required.

| TYPE               | BRAND NAME / MODELS / DESCRIPTION   | MANUFACTURER / AUTHORIZED SUPPLIER                     | FSD ACCEPTANCE DATE | DATE TO REVIEW (Subject to Renewal) | Remarks  |
|--------------------|---|--|---------------------|-------------------------------------|--|
| Fusible Link (781) | "K.W." Fusible Link / Model : Fusible Link a) KW <sub>L</sub> b) KW <sub>S</sub> / Temperature Rating : 68.33 °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.)<br>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 Link(787)  | PHL / E-5720, Resettable Electro - Thermal Link / 69 °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.<br>b) The fusible link shall maintain its status as a "UL" listed product.  |
| Fusible Link (796) | ACL <sup>®</sup> / Type/Model : Fusible Link / "ACL <sup>®</sup> 68.33°C"<br>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 <sup>®</sup> " Trade mark ii) Temperature grade of 68.33°C on both sides. iii) Date Code, Lot & Serial reference on one side.<br>b) For static loading up to 3kg.<br>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 <sup>°F</sup> / 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.  |

## LIST OF PRODUCT APPROVED FOR USE IN VENTILATING SYSTEMS

### Ventilation Division of FIRE SERVICES DEPARTMENT

Note (1) : For details of the acceptance criteria / conditions , please refer to the FSD approval letter(s) issued to the manufacturer / authorized supplier(s) of the products

Note (2) : Please refer to FSD Circular Letter No. 3/2020 for guidance for application for approval of Fusible Link and Electrostatic Filter or Precipitator products. If the product has been listed and published by a Product Certification Body (PCB) and Product Certification, it is deemed to be accepted by the FSD subject to such product being in conforming with all local relevant local requirements on product specification and its application in ventilating systems. As stipulated under Chapter 123J - Building (Ventilating Systems) Regulations and Chapter 132CE - Ventilation of Scheduled Premises Regulation, fusible link and electrostatic filter or precipitator shall be of a type approved by the Director of Fire Services. In this connection, application for FSD approval on all fusible link and electrostatic filter or precipitator for use in ventilating systems is required.

| TYPE                       | BRAND NAME / MODELS / DESCRIPTION   | MANUFACTURER / AUTHORIZED SUPPLIER  | FSD ACCEPTANCE DATE | DATE TO REVIEW (Subject to Renewal) | Remarks   |
|----------------------------|---|-------------------------------------|---------------------|-------------------------------------|---|
| 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.   |
| 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.     |
| 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<br>b) The product shall carry the appropriate UL and temperature rating marks.<br>c) The fusible link shall maintain its status as a "UL" listed product. |
| Fusible Link (909)         | "Globe" Model G 68°C Fusible Link<br>Model/Type : Model G68°C<br>Temperature Rating : Not exceeding 69°C .  | GLOBE Technologies Corp., USA.      | 24/1/2017           | December 2021                       | a) The fusible link shall bear the following identification marks on its body: i) Brand name. ii) Temperature rating mark of 69 °C & iii) Batch code.<br>b) For loads up to 18.94kg.              |

## LIST OF PRODUCT APPROVED FOR USE IN VENTILATING SYSTEMS

### Ventilation Division of FIRE SERVICES DEPARTMENT

Note (1) : For details of the acceptance criteria / conditions , please refer to the FSD approval letter(s) issued to the manufacturer / authorized supplier(s) of the products

Note (2) : Please refer to FSD Circular Letter No. 3/2020 for guidance for application for approval of Fusible Link and Electrostatic Filter or Precipitator products. If the product has been listed and published by a Product Certification Body (PCB) and Product Certification, it is deemed to be accepted by the FSD subject to such product being in conforming with all local relevant local requirements on product specification and its application in ventilating systems. As stipulated under Chapter 123J - Building (Ventilating Systems) Regulations and Chapter 132CE - Ventilation of Scheduled Premises Regulation, fusible link and electrostatic filter or precipitator shall be of a type approved by the Director of Fire Services. In this connection, application for FSD approval on all fusible link and electrostatic filter or precipitator for use in ventilating systems is required.

| TYPE                       | BRAND NAME / MODELS / DESCRIPTION   | MANUFACTURER / AUTHORIZED SUPPLIER                      | FSD ACCEPTANCE DATE | DATE TO REVIEW (Subject to Renewal) | Remarks  |
|----------------------------|---|---|---------------------|-------------------------------------|--|
| Fusible Link (939)         | "KK" 68.33 deg.C Fusible Link / a) Size: 50mm b) Size: 25mm   | Kam Kee Air-Conditional Engineering                     | 23/5/2017           | May 2022                            | 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)<br>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 (980)         | "ACL® 68.33°C" Fusible Link (HD)<br>Type/Model : "ACL® 68.33°C" Fusible Link (HD)<br>Temperature Rating : 68.33°C               | Dongguan Juwun Rubber & Plastic Products Co., Ltd., PRC | 17/11/2017          | November 2022                       | a) The product 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 b) This letter supersedes our previous one of the same series dated 21 May 2013.  |
| Fusible Link (1027)        | "Globe" Model G Fusible Link / Model/Type : Model G<br>155°F (68°C) / Temperature Rating : Not exceeding 69°C                   | GLOBE Technologies Corp., USA                           | 31/5/2018           | April 2023                          | a) The fusible link shall bear the following identification marks on its body: i) Brand name ii) Temperature rating mark of 155°F & iii) UL mark b) For loads from 3 to 45 lbs. inclusive c) Our previous letter of the same series dated 20.1.2016 and 29.5.2018 are hereby superseded.   |
| Electro Thermal Link(1066) | "EVERTOP" SR Model ETL II Electro Thermal Link / Model/Type : EVERTOP SR Model ETL II / Temperature Rating : Not exceeding 69°C | GLOBE Technologies Corp., USA                           | 6/11/2018           | October 2023                        | a) For loads from 5 to 40 lbs. inclusive b) This letter supersedes our previous one of the same series dated 4.7.2014.   |

## LIST OF PRODUCT APPROVED FOR USE IN VENTILATING SYSTEMS

### Ventilation Division of FIRE SERVICES DEPARTMENT

Note (1) : For details of the acceptance criteria / conditions , please refer to the FSD approval letter(s) issued to the manufacturer / authorized supplier(s) of the products

Note (2) : Please refer to FSD Circular Letter No. 3/2020 for guidance for application for approval of Fusible Link and Electrostatic Filter or Precipitator products. If the product has been listed and published by a Product Certification Body (PCB) and Product Certification, it is deemed to be accepted by the FSD subject to such product being in conforming with all local relevant local requirements on product specification and its application in ventilating systems. As stipulated under Chapter 123J - Building (Ventilating Systems) Regulations and Chapter 132CE - Ventilation of Scheduled Premises Regulation, fusible link and electrostatic filter or precipitator shall be of a type approved by the Director of Fire Services. In this connection, application for FSD approval on all fusible link and electrostatic filter or precipitator for use in ventilating systems is required.

| TYPE                | BRAND NAME / MODELS / DESCRIPTION   | MANUFACTURER / AUTHORIZED SUPPLIER    | FSD ACCEPTANCE DATE | DATE TO REVIEW (Subject to Renewal)                                 | Remarks  |
|---------------------|---|---------------------------------------|---------------------|---|--|
| Fusible Link (1072) | "TROX" 0571 68°C and 0572 68°C Fusible Links / Type/Model : Fusible Links a) "TROX 0571 68°C" Fusible Link b) "TroX 0572 68°C" Fusible Link / Temperature Rating : Not exceeding 69°C | TROX Malaysia Sdn. Bhd.               | 19/11/2018          | October 2023  | a) The product shall bear the following identification marks on their bodies: i) Brand and model names ii) Temperature rating  |
| Fusible Link (1097) | "Ruskin" EFL155 Electric Fuse Link / Model/Type : EFL155: bimetallic re-settable heat sensing device / Temperature Rating : 155°F (68.3°C)  | Ruskin Co., USA                       | 14/4/2019           | August 2024   | a) The device shall bear the following identification marks on its body: i) Brand and model names ii) Temperature rating b) Valid sample test report prepared by the manufacturer shall be made available for inspection upon request. c) This letter supersedes our previous one of the same series dated 3.11.2014 d) This assessment is subject to review in August 2024. In view of the validity of test certificates by a recognized laboratory is only 10 years from its issuance according to FSD Circular Letter No. 1/2007, a new valid test certificate is required to support the next application in 2024. |
| Fusible Link (1175) | "K.W." 68.33°C Fusible Link / Type/Model : Fusible Link a) KWL b) KWs / Temperature Rating : 68.33°C  | K-Win Metal Works Manufactory Company | 21/5/2020           | February 2029   | a) 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). b) This letter supersedes our previous one of the same series dated 20 June 2015.   |
| Fusible Link (1189) | "Globe" model JS Fusible Link / Model/Type : JS / Temperature Rating : Not exceeding 69°C / Product Certification : The product is "UL" listed under File JGIX.R1431                  | GLOBE Technologies Corporation, USA   | 4/6/2020            | Subject to review with the updating of edition of the test standard | a) The fusible link shall bear the following identification marks on its body: i) Brand name ii) Temperature rating iii) UL mark   |



## LIST OF PRODUCT APPROVED FOR USE IN VENTILATING SYSTEMS

### Ventilation Division of FIRE SERVICES DEPARTMENT

Note (1) : For details of the acceptance criteria / conditions , please refer to the FSD approval letter(s) issued to the manufacturer / authorized supplier(s) of the products

Note (2) : Please refer to FSD Circular Letter No. 3/2020 for guidance for application for approval of Fusible Link and Electrostatic Filter or Precipitator products. If the product has been listed and published by a Product Certification Body (PCB) and Product Certification, it is deemed to be accepted by the FSD subject to such product being in conforming with all local relevant local requirements on product specification and its application in ventilating systems. As stipulated under Chapter 123J - Building (Ventilating Systems) Regulations and Chapter 132CE - Ventilation of Scheduled Premises Regulation, fusible link and electrostatic filter or precipitator shall be of a type approved by the Director of Fire Services. In this connection, application for FSD approval on all fusible link and electrostatic filter or precipitator for use in ventilating systems is required.

| TYPE                | BRAND NAME / MODELS / DESCRIPTION  | MANUFACTURER / AUTHORIZED SUPPLIER                 | FSD ACCEPTANCE DATE | DATE TO REVIEW (Subject to Renewal)                                 | Remarks   |
|---------------------|--|--|---------------------|---|---|
| Fusible Link (1190) | "PHL" (USA) Reusable Electro-Thermal Link / Model/Type : E-5720, Resettable electro-thermal link / Temperature Rating : Not exceeding 69°C / Product Certification : The product is "UL" listed under File JGIX.R1431.   | GLOBE Technologies Corporation, USA                | 4/6/2020            | Subject to review with the updating of edition of the test standard | a) The device shall bear the following identification marks on its body: i) Brand and model names ii) Temperature rating iii) UL mark b) This assessment letter supersedes our previous one of the same series dated 4.8.2015   |
| Fusible Link (1202) | "ACL <sup>®</sup> " 68.33 °C Fusible Link Standard Length (58mm) and Short Length (28mm) / Type/Model : Fusible Link / "ACL <sup>®</sup> " 68.33 °C a) Standard Length (58mm) b) short length (28mm) / Temperature Rating : 68.33°C  | Dongguan Juwun Rubber & Plastic Products Co., Ltd. | 15/7/2020           | January 2025  | a) For both sizes, they shall bear the following identification marks on their bodies: i) "ACL <sup>®</sup> " Trade mark ii) Temperature grade of 68.33°C iii) Date Code, Lot & Serial reference on one side b) For static loading up to 3 kg. c) This letter <u>supersedes</u> our previous letter of the same series dated 21 May 2020. (Item 1176) |
| Fusible Link (1208) | "PHL" model E-5720 Resettable Electro-Thermal Link Model /Type : E-5720, Resettable electro-thermal Link / Temperature Rating : Not exceeding 69°C / Product Certification : The product is "UL" listed under File JGIX.R1431. The fusible link shall maintain its status as "UL" listed product | GLOBE Technologies Corporation, USA                | 30/7/2020           | July 2025   | 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.   |
| Fusible Link (1211) | "Ruskin" Fusible Link / Model/Type : Model A Extended Length / Temperature Rating 68°C (155°F) / Product Certification : The product is "UL" listed under File JGIX.R1431. The fusible link shall maintain it status as "UL" listed product  | Ruskin Company, USA                                | 4/8/2020            | July 2025   | a) For loads from 2 to 40 lbs inclusive. b) The product shall carry the appropriate UL and temperature rating marks. c) This assessment supersedes our previous one of the same series dated 2.12.2015  |

## LIST OF PRODUCT APPROVED FOR USE IN VENTILATING SYSTEMS

### Ventilation Division of FIRE SERVICES DEPARTMENT

Note (1) : For details of the acceptance criteria / conditions , please refer to the FSD approval letter(s) issued to the manufacturer / authorized supplier(s) of the products

Note (2) : Please refer to FSD Circular Letter No. 3/2020 for guidance for application for approval of Fusible Link and Electrostatic Filter or Precipitator products. If the product has been listed and published by a Product Certification Body (PCB) and Product Certification, it is deemed to be accepted by the FSD subject to such product being in conforming with all local relevant local requirements on product specification and its application in ventilating systems. As stipulated under Chapter 123J - Building (Ventilating Systems) Regulations and Chapter 132CE - Ventilation of Scheduled Premises Regulation, fusible link and electrostatic filter or precipitator shall be of a type approved by the Director of Fire Services. In this connection, application for FSD approval on all fusible link and electrostatic filter or precipitator for use in ventilating systems is required.

| TYPE                | BRAND NAME / MODELS / DESCRIPTION  | MANUFACTURER / AUTHORIZED SUPPLIER  | FSD ACCEPTANCE DATE | DATE TO REVIEW (Subject to Renewal)                                 | Remarks  |
|---------------------|--|-------------------------------------|---------------------|---|--|
| Fusible Link (1212) | "PHL" (USA) Reusable Electro-Thermal Link / Model/Type : E-5720, Resettable electro-thermal link/ Temperature Rating : Not exceeding 69°C / Product Certification : The product is "UL" listed under File JGIX. R1431. The fusible link shall maintain its status as "UL" listed product         | GLOBE Technologies Corporation, USA | 7/8/2020            | Subject to review with the updating of edition of the test standard | 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. c) This assessment letter supersedes our previous one of the same series dated 22.5.2020 for <u>amendment</u> on the company name. |
| Fusible Link (1219) | "Globe" model "JS" Fusible Link for LASER 9020 & 9021 series Curtain Type Fire Dampers / Model/Type : JS / Temperature Rating : Not exceeding 69°C / Product Certification : The product is "UL" listed under File JGIX.R1431. The fusible link shall maintain its status as "UL" listed product | GLOBE Technologies Corporation, USA | 4/9/2020            | August 2025   | a) The fusible link shall bear the following identification marks on its body: i) Brand name ii) Temperature rating & iii) UL mark b) The fusible link shall maintain its status as a "UL" listed product.   |
| Fusible Link (1258) | "S&R Products Model ETL II (Delta)" Electro Thermal Link / Model/Type : "S&R Products Model ETL II (Delta)" / Temperature Rating : 69°C (156°F)  | GLOBE Technologies Corporation, USA | 24/12/2020          | Decemeber 2025  | 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. c) This assessment letter supersedes our previous one of the same series dated 7.6.2016.  |
| Fusible Link (1265) | "Ruskin" 155°F Fusible Link / Model : Model A Extended Length / Temperature Rating : 155°F / Product Certification : The product is "UL" listed under File JGIX.R8833. The fusible link shall maintain its status as "UL" listed product   | Ruskin Company, USA                 | 21/1/2021           | January 2026  | a) The fusible link shall bear the following identification marks on its body: i) Brand name ii) Temperature rating & iii) UL mark b) The fusible link shall maintain its status as a "UL" listed product.   |

## LIST OF PRODUCT APPROVED FOR USE IN VENTILATING SYSTEMS

### Ventilation Division of FIRE SERVICES DEPARTMENT

Note (1) : For details of the acceptance criteria / conditions , please refer to the FSD approval letter(s) issued to the manufacturer / authorized supplier(s) of the products

Note (2) : Please refer to FSD Circular Letter No. 3/2020 for guidance for application for approval of Fusible Link and Electrostatic Filter or Precipitator products. If the product has been listed and published by a Product Certification Body (PCB) and Product Certification, it is deemed to be accepted by the FSD subject to such product being in conforming with all local relevant local requirements on product specification and its application in ventilating systems. As stipulated under Chapter 123J - Building (Ventilating Systems) Regulations and Chapter 132CE - Ventilation of Scheduled Premises Regulation, fusible link and electrostatic filter or precipitator shall be of a type approved by the Director of Fire Services. In this connection, application for FSD approval on all fusible link and electrostatic filter or precipitator for use in ventilating systems is required.

| TYPE                                 | BRAND NAME / MODELS / DESCRIPTION  | MANUFACTURER / AUTHORIZED SUPPLIER | FSD ACCEPTANCE DATE | DATE TO REVIEW (Subject to Renewal) | Remarks   |
|--------------------------------------|--|------------------------------------|---------------------|-------------------------------------|---|
| Fusible Link (1271)                  | "Ruskin" 155°F Fusible Link / Model : Model A / Temperature Rating : 155°F / Product Certification : The product is "UL" listed under File JGIX.R8833. The fusible link shall maintain its status as "UL" listed product   | Ruskin Company, USA                | 24/2/2021           | January 2026                        | a) The fusible link shall bear the following identification marks on its body: i) Brand name ii) Temperature rating & iii) UL mark b) The fusible link shall maintain its status as a "UL" listed product. c) This assessment is subject to review by January 2026. This letter <u>supersedes</u> our previous letter under ref. FP(LC)316/18 dated 21.1.2021. (Item no.1265) |
| Fusible Link (1274)                  | "Globe" Fusible Link / Manufacturer : Globe Technologies Corporation / Model/Type : Model GS / Temperature Rating : 68°C (155°F) / Product Certification : The product is "UL" listed under Certificate Number 20130624-R1431. The fusible link shall maintain its status as "UL" listed product | Globe Technologies Corporation     | 9/4/2021            | June 2023                           | a) For loads from 3 to 45 lbs inclusive. b) The product shall carry the appropriate UL and temperature rating marks. c) The contents of this letter are subject to review in June 2023.   |
| Fusible Link (1284)                  | "Ruskin" Fusible Link / Model/Type : Model A / Temperature Rating : 68°C (155°F) / Product Certification : The product is "UL" listed under File R8833. The fusible link shall maintain its status as "UL" listed product  | Ruskin Company, USA                | 18/5/2021           | July 2025                           | a) For loads from 2 to 40 lbs inclusive. b) The product shall carry the appropriate UL and temperature rating marks. c) This assessment supersedes our previous one of the same series dated 4.8.2020 d) The contents of this letter are subject to review in July 2025.  |
| Resettable Electric Fuse Link (1291) | "Ruskin" EFL 155 Electric Fuse Link / Model/Type : EFL155: Electric Resettable Fuse Link / Temperature Rating : 155°F (68°C)   | Ruskin (Thailand) Co., Ltd.        | 4/6/2021            | May 2026                            | a) The device shall bear the following identification marks on its body: i) Brand and model names ii) Temperature rating b) This letter supersedes our previous one of the same series dated 14.4.2019.   |