

ACCESSORIES – Luftec Actuators

Model: Luftec Actuators

Holyoake stock a vast range of Luftec branded actuators. These are cost effective actuators suitable for a variety of heating ventilation and air-conditioning applications (HVAC). See the tables on the following page for the different ranges of actuators and options.

The actuators are compliant to the European Union's CE, the US UL and the French BV certifications. The Company has also fully implemented ISO9001-2015 (CQC) international quality management system.

Contact your local Holyoake branch for full Luftec model details and relevant datasheets.



General damper actuators

| LUFTEC CODE | Torque | Control Type | Voltage | Auxiliary Switches |
|---------------------|---------------------------|---|------------|--------------------|
| LFT(TORQUE).M24.D | 2, 4, 6, 8, 16, 24, 32 Nm | ON/OFF 2/3 Points | 24V AC/DC | NONE |
| LFT(TORQUE).M24.DS | | | | 1/2 - SPDT |
| LFT(TORQUE).M230.D | | | 100-240VAC | NONE |
| LFT(TORQUE).M230.DS | | | | 1/2 - SPDT |
| LFT(TORQUE).M24.A | | Modulating 0(2) - 10V 0(4) - 20mA | 24V AC/DC | NONE |
| LFT(TORQUE).M24.AS | | | | 1/2 - SPDT |
| LFT(TORQUE).M230.A | | | 100-240VAC | NONE |
| LFT(TORQUE).M230.AS | | | | 1/2 - SPDT |

Fast running damper actuator

| LUFTEC CODE | Torque | Control Type | Voltage | Auxiliary Switches |
|----------------------|----------|---|------------|--------------------|
| LFT(TORQUE).MQ24.D | 8, 16 Nm | ON/OFF 2/3 Points | 24V AC/DC | NONE |
| LFT(TORQUE).MQ24.DS | | | | 2 - SPDT |
| LFT(TORQUE).MQ230.D | | | 100-240VAC | NONE |
| LFT(TORQUE).MQ230.DS | | | | 2 - SPDT |
| LFT(TORQUE).MQ24.A | | Modulating 0(2) - 10V 0(4) - 20mA | 24V AC/DC | NONE |
| LFT(TORQUE).MQ24.AS | | | | 2 - SPDT |
| LFT(TORQUE).MQ230.A | | | 100-240VAC | NONE |
| LFT(TORQUE).MQ230.AS | | | | 2 - SPDT |

Damper actuator with spring return

| LUFTEC CODE | Torque | Control Type | Voltage | Auxiliary Switches |
|----------------------|-----------------|----------------------|------------|--------------------|
| LFT(TORQUE).SR24.D | 5, 8, 15, 20 Nm | ON/OFF 2/3 Points | 24V AC/DC | NONE |
| LFT(TORQUE).SR24.DS | | | | 2 - SPDT |
| LFT(TORQUE).SR230.D | | | 100-240VAC | NONE |
| LFT(TORQUE).SR230.DS | | | | 2 - SPDT |

Fire and Smoke damper actuator - fast running with spring return

Complies with AS 1682 speed requirements

| LUFTEC CODE | Torque | Control Type | Voltage | Auxiliary Switches |
|------------------------|--------|----------------------|------------|--------------------|
| LFT(TORQUE).SRQ24.D | 5 Nm | ON/OFF 2/3 Points | 24V AC/DC | NONE |
| LFT(TORQUE).SRQ24.DS | | | | 2 - SPDT |
| LFT(TORQUE).SRQ24.DST | | | | 2 - SPDT |
| LFT(TORQUE).SRQ230.D | | | 100-240VAC | NONE |
| LFT(TORQUE).SRQ230.DS | | | | 2 - SPDT |
| LFT(TORQUE).SRQ230.DST | | | | 2 - SPDT |

Note: Model DST with thermal sensor included

Product Ordering Key and Suggested Specifications

| Product Reference | Quantity + | Description | Listed Size, W x H or Diameter + | Specification |
|---|------------|--|---|--|
| ADC-2 | 1 | Access Door Tab Type with Cam Locks. | 450 x 450 | ADC-2 and ADH-2 - Access Doors shall be constructed from double skin galvanized mild steel and are complete with cam locks and hinges, as appropriate. Dove tailed frame tabs are supplied for ease of installation. All shall be as manufactured by Holyoake. |
| ADH-2 | 5 | Access Door Tab Type Hinged with Cam Locks. | 200 x 200 | |
| APP | 4 | Access Pressed Panel. | APP-SML (250 x 150) APP-MED (300 x 200) APP-LGE (450 x 350) | APP - Access Pressed Panels shall be constructed from galvanized mild steel and are complete with locking knobs. All shall be as manufactured by Holyoake. |
| AS25L | 3 | Air Scoop, Blades Parallel to Long Dimension. | 900 x 300 | AS25/AS50 Air Scoops - shall be constructed from a zinc coated steel casing with gang operated parallel blades (at 25, or 50 mm Pitch) and a hinged pre-punched strip, for setting. All shall be as manufactured by Holyoake. |
| AS25S | 1 | Air Scoop, Blades Parallel to Short Dimension. | 300 x 900 | |
| AS50L | 5 | Air Scoop, Blades Parallel to Long Dimension. | 900 x 300 | |
| AS50S | 7 | Air Scoop, Blades Parallel to Short Dimension. | 300 x 900 | |
| CH | | Cushion Head - Ordering Codes & Specifications are shown on Page 376K & 386K | | |
| DA25 | 4* | 25 mm Duct Flange 5.8 m length. | | DUCT FLANGE Duct Flanging System - For secure airtight joints for ductwork, dampers, and accessories. All shall be as supplied by Holyoake. |
| DA35 | 4* | 35 mm Duct Flange 5.8 m length. | | |
| DA25 | 16* | 25 mm Corner (with clips) for use with DA25 Flange. | | |
| DC35L | 16* | 35 mm Corner (with clips) for use with DA35 Flange. | | |
| DCJ | 256* | 140 mm long snap on 'J' Cleats. | | |
| DM SEAL | 3* | 15 m roll of Duct Flange Gasket Tape. | | |
| * Guide to form 8 o° 12 00 x 1200 Flange Assemblies. | | | | |
| DUCT TAPE | 5 | Each. | Silver Duct Tape 48 mm x 55 mm. | Duct Tape - A premium grade polyethylene coated cloth duct tape. All shall be as supplied by Holyoake. |
| | 1 | Carton of 24. | | |
| EGS | 5 | Equalising Grid, Square, or Short Blades (600 x 600 Maximum). | Grille/Diffuser Neck Size, or Nominal Neck Size | EGS / EGL - Equalising Grids shall be constructed from extruded aluminium blades and Casing, stainless steel friction wire interlaced with blade axles, hold the required setting. Bright zinc plated clips fix the grids to the neck of the diffusers, or grille. All shall be as manufactured by Holyoake. |
| EGL | 4 | Equalising Grid, Long Blades (600 x 600 Maximum). | Grille/Diffuser Neck Size, or Nominal Neck Size | |
| OBD-1 | 5 | Extruded Black Anodised Aluminium - OBD. | 200 x 200 | OBD - Opposed Blade Dampers shall be constructed from extruded black anodised aluminium. All shall be as manufactured by Holyoake. |
| OBD-2 | 7 | Extruded Black Anodised Aluminium - OBD. | 300 x 300 | |
| OBD-3 | 2 | Extruded Black Anodised Aluminium - OBD. | 500 x 200 | |

+ Example

ACCESSORIES

Product Ordering Key and Suggested Specifications

| Product Reference | Quantity + | Description | Listed Size, W x H, or Diameter + | Specification |
|--|------------|---|---------------------------------------|--|
| PDI | 3 | Pressure Differential Indicator Sensor. | 100 DIA | PDI/PDIA/FM-PDI/FM-PDIA/DM-PDIA/PDI-BS/PDIA-BS- Pressure Differential Indicator sensors and Flow Measuring and Flow Balancing stations shall be constructed from small diameter tubing with Galvanised steel sleeves and disc dampers where appropriate. All shall be as manufactured by Holyoake. |
| PDIA | 7 | Pressure Differential Indicator Sensor - Amplified. | 150 DIA | |
| FM-PDI | 2 | PDI Flow Measuring Station. | 300 DIA | |
| FM-PDIA | 3 | PDI Flow Measuring Station - Amplified. | 400 DIA | |
| DM-PDIA | 6 | Flange Mounted PDIA for Rectangular Ducts. | Size 150 | |
| PDI-BS | 3 | Flow Balancing Station. | 100 DIA | |
| PDIA-BS | 3 | Flow Balancing Station - Amplified. | 175 DIA | |
| PREMI-CH | | PREMI-AIRE™ Cushion Head - Ordering Codes and Specification are shown on Page 386K. | | |
| PREMI-AIRE™ | | PREMI-AIRE™ Pre-Insulated Duct System. See Page 387K. | | |
| RD | 20 | Radial Balancing Damper. | RD 150 | RD - Radial Balancing dampers shall be constructed from Galvanised Mild steel with UV Stabilized Fire Rated Polymer Drive Pinions. All shall be as manufactured by Holyoake. |
| SAB | 10 | Self Aligning Bend. | SAB 100 | SAB - Self Aligning Bends shall be manufactured in four segments from Galvanized steel, to allow 90° to 180° bends. They shall be crimped both ends to insert into Spiroloc ducting. All shall be as manufactured by Holyoake. |
| SB (For use with CRA, CRP, CSRL, CSRLA, CSRV and CMP). | 4 | Sectorising Baffles. | Inlet DIA Neck Connection 300 DIA. | SB - Sectorising Baffles are satin etched black on steel and shall be manufactured in 45° sections, except CMP. All shall be as manufactured by Holyoake. |
| SPIN CON | 10 | Spin Connector (Suitable for Rigid, Semi Rigid and Flexible Ducting). | Nominal Duct DIA 300 DIA. | Spin Connectors/Spin Collars – shall be constructed from Galvanized Steel of 0.45 mm for sizes 100 - 250 mm and 0.55 mm for sizes 251 - 400 mm. For connection of Duct to Duct (Spin Con), or to provide a circular duct connection (Spin Collar), to a square, or rectangular plenum. All shall be as manufactured by Holyoake. |
| SPIN COL | 5 | Spin Collar (Suitable for Flexible Ducting). | Nominal Duct DIA 200 DIA. | |
| SSD | 2 | Stream Splitter Damper. | Neck Size 900 mm x 300 mm. | SSD - Stream Splitter Dampers shall be constructed from zinc coated steel finished in matt black and shall be designed to control volume and direction from a main to a branch duct. All shall be as manufactured by Holyoake. |
| SRA ** | 7 | Square to Round Adaptor. | Nom W x H x DIA. | SRA/RRA/SSA – Square to Round, Rectangular to Round and Square to Square Adaptors shall be constructed from 0.55mm Galvanized Steel and shall be complete with a circular spin collar to suit circular duct, or a square duct connection. All shall be as manufactured by Holyoake. |
| RRA ** | 6 | Rectangular to Round Adaptor. | Nom W x H x DIA. | |
| SSA ** | 7 | Square to Square Adaptor. | Nom (W x H) x Nom (W x H). | |
| ** (For use with HI35, EC125, OBD-1, 2, 3, RD, BD 85 and other options). | | | | |
| TRV | 5 | Throwing Reduction Vanes. | 300 mm x 300 mm 5 Vanes. | TRV - Throw Reducing Vanes shall be manufactured from sheet Aluminium and shall be affixed to the rear of a CMP Diffuser. All shall be as manufactured by Holyoake. |
| TVS | 2 | Turning Vane, Short Blades. | 150 mm x 300 mm. | TVS/TVL – Turning Vanes have curved blades and shall be constructed from extruded aluminium. They shall be hinged and complete with a pre-punched strip for fixing. |
| TVL | 2 | Turning Vane, Long Blades. | 300 mm x 150 mm. | |
| TVA-90 | 3 | Turning Vane Arrangement, Inlet Adaptor. | Diffuser Neck 150 mm x 150 mm. | All shall be as manufactured by Holyoake. |
| TVMA-90 | 1 | Turning Vane Arrangement with PDIA, Inlet Adaptor. | 300 mm x 150 mm. | TVA-90/TVMAL-90/TVAI-90 and TVMA-90 - Turning Vane arrangements shall be constructed from zinc coated steel and finished in matt black and shall be designed to provide a better discharge pattern and accurate flow data, as appropriate. All shall be as manufactured by Holyoake. |
| TVAI-90 | 5 | Turning Vane Arrangement, Inlet Adaptor (Insulated). | 375 mm x 375 mm. | |
| TVMAL-90 | 2 | Turning Vane Arrangement with PDIA, Inlet Adaptor (Insulated). | 300 mm x 300 mm. | |

+ Example