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## List Of Additional Options / Features Supplied

### 10L

#### Lift Auto Dial System (Windcrest)

Calling from the Lift Car

1. Press ALARM button for 3 Seconds.
2. The telephone system will respond by making an announcement "Emergency Telephone Activated. If number unobtainable, Please press the ALARM button again".
3. The telephone dial tone will sound in the lift car for a short time before the programmed number is dialled.
4. The Speaker is connected to the phone line so that a Hands-free conversation can be made to the Helper.
5. If an unobtainable sound or a busy sound is presented, the pressing of the ALARM button will terminate the current call and commence dialling the next pre-programmed telephone number.
6. Once into the call, the number and site location of the lift can be given to the helper- (This announcement will be automatic if programmed to do so) Towards the end of the call an announcement will be made:  
- "To continue the call please press the alarm button now".
7. If the ALARM button is pressed, the call will continue and re-remind you when the call is about to terminate.
8. Once the call has timed out, the announcement: -  
"Call terminated" will be made.

The Helper, if he has been informed and has a touch-tone telephone, can carry out some functions for the trapped person.

The call can be Extended if after the announcement "To continue the call please press the alarm button now", a "#" is pressed.

The Location, by means of the site address and the Lift number can be identified, by the helper pressing a "?" on his telephone, whilst the pressing of the "0" will terminate the call at any time.

Calling to the Lift Car

1. The helper calls the lift's telephone number as if he was calling a normal telephone.
2. Inside the Lift car an announcement will be made, to instruct the person to press the ALARM button. However, if no button is pressed, the call will be answered after the announcement: -  
"Answering an incoming call".
3. Once the voice link has opened, full hands-free conversation can take place.
4. The call can be terminated by either, simply replacing the handset or for a quick reset — press "0" then replace the handset.



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## List Of Additional Options / Features Supplied

### 10M

#### Lift Auto Dial System (Windcrest)

Calling from the Lift Car

1. Press ALARM button for 3 Seconds.
2. The telephone system will respond by making an announcement "Emergency Telephone Activated. If number unobtainable, Please press the ALARM button again".
3. The telephone dial tone will sound in the lift car for a short time before the programmed number is dialled.
4. The Speaker is connected to the phone line so that a Hands-free conversation can be made to the Helper.
5. If an unobtainable sound or a busy sound is presented, the pressing of the ALARM button will terminate the current call and commence dialling the next pre-programmed telephone number.
6. Once into the call, the number and site location of the lift can be given to the helper- (This announcement will be automatic if programmed to do so) Towards the end of the call an announcement will be made:  
-"To continue the call please press the alarm button now".
7. If the ALARM button is pressed, the call will continue and re-remind you when the call is about to terminate.
8. Once the call has timed out, the announcement: -  
"Call terminated" will be made.

The Helper, if he has been informed and has a touch-tone telephone, can carry out some functions for the trapped person.

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The Location, by means of the site address and the Lift number can be identified, by the helper pressing a "?" on his telephone, whilst the pressing of the "0" will terminate the call at any time.

Calling to the Lift Car

1. The helper calls the lift's telephone number as if he was calling a normal telephone.
2. Inside the Lift car an announcement will be made, to instruct the person to press the ALARM button. However, if no button is pressed, the call will be answered after the announcement: -  
"Answering an incoming call".
3. Once the voice link has opened, full hands-free conversation can take place.
4. The call can be terminated by either, simply replacing the handset or for a quick reset — press "0" then replace the handset.



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## List Of Additional Options / Features Supplied

### A

#### **Throcar Open through car - (on one or more floors)**

Whenever the lift arrives at a floor level with two sets of doors, both doors will open together. If the lift is stationary at an open through floor for more than 6 seconds, both sets of doors will automatically close. Operation of either landing push button will cause both sets of doors to re-open.

### AA

#### **Lift Overload (double set point)**

Should the lift be near to capacity all landing calls will be by-passed and car calls only will be answered until the load in the lift has been reduced to an acceptable level. Stored landing calls will then be answered.

Should the lift be overloaded whilst at a floor level a buzzer will sound and an indicator will illuminate (both fitted into the car operating panel) warning the user. The lift will not operate until the load has been reduced to an acceptable level.

### B

#### **“Door Open” button**

Operation of the button will cause the doors to open fully and remain open for six seconds before closing. On a through car, the doors next to the landing entrance will only open.

### BB

#### **Hooks and Protective Drapes MXL**

A set of hooks and protective drapes are provided with the lift. The drapes are usually stored in the lift machine room when not being used. The drapes are designed to protect the lift car walls when transporting light goods etc.

To install the drapes, insert the hooks into the ‘Z’ section provided between the car walls and the ceiling/lighting unit, the drapes are then hung onto the hook through the eyelet’s provided.

### CC

#### **Protective Drapes and Stud MX. M & P**

A set of studs and protective drapes are provided with the lift. The studs are fitted permanently on the lift car walls, whilst the drapes are usually stored in the lift machine room when not in use.

The drapes are designed to protect the lift car walls when transporting light goods etc.

To install the drapes, simply hook them onto the studs provided at high level, near the ceiling of the car, through the eyelet’s provided.



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## List Of Additional Options / Features Supplied

### D

#### **Fireman's Control & Switch**

The "master floor" is defined as the floor which the lift will "home" to when the fireman's control switch is activated.

If the lift is travelling away from the master floor when "Firemans Control Switch" is activated, it will stop at the nearest floor without opening the doors and return to the master floor ignoring all car and landing calls stored in the system. If travelling towards the master floor, it will continue towards it, ignoring all other calls.

### dd

#### **Digital Floor Position and Direction of Travel Indicator (Car)**

A digital indicator is provided in the car operating panel which displays the floor level the lift car is at and the direction in which it is travelling. The display will change as the lift moves through the levels.

### E

#### **Fireman's Control Activated by Building Fire Alarm**

The lift controller is arranged to accept a signal from the Main Building Fire Alarm System, which causes the lift to stop at the next floor without opening the doors, return to the master floor ignoring all other car and landing calls registered.

Upon arrival at the master floor, the lift will park with the doors open. Control of the lift is provided from within the car only, until alarm is reset.

### EE

#### **Digital Floor Position and Direction of Travel Indicator (Landing)**

A digital indicator is provided at the landing(s) served, which displays the floor level the lift car is at and the direction in which it is travelling. The display will change as the lift moves through the levels.

### F

#### **Fireman's Control & Switch & 'Lift On Fireman's Control' Indicator.**

The "master floor" is defined as the floor which the lift will "home" to when the fireman's control switch is activated.

If the lift is travelling away from the master floor when "Firemans Control Switch" is activated, it will stop at the nearest floor without opening the doors and return to the master floor ignoring all car and landing calls stored in the system. If travelling towards the master floor, it will continue towards it, ignoring all other calls.

On arrival at the master floor, the lift will park with the doors open. Control is provided from the car only, all landing calls placed will be ignored.

Whenever the lift is switched to fireman's control passengers in the lift car will be informed of this by illumination of a "Lift on Fireman's Service" Indicator. An audible annunciator, if supplied, will also advise passengers the lift is on firemans service.

On Duplex installation, the first lift to reach the master floor will become the fireman's lift. The other lift will shut down at the master floor, with the doors parked open and all its indicators extinguished.



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## List Of Additional Options / Features Supplied

### **FF**

#### **Oil Cooler (CST 4000)**

The lift has been fitted with an oil cooler (heat exchanger CST 4000) see attached data sheet GMV 05.030 - 1/1.

The oil cooler is sited in the lift motor room usually adjacent to the main hydraulic storage tank/pump unit and requires ducting to outside atmosphere by others for exhausted hot air.

The unit is designed to reduce oil temperature generated in high traffic installations. A thermoregulator monitors the temperature of the oil within the main hydraulic storage tank/pump unit. When the temperature of the oil reaches a set point (which can be varied on the unit) oil is drawn from the main storage tank, cooled through a fan within the oil cooler and re-cycled back into the main storage tank until the temperature of oil within the tank is reduced to an efficient working level. The cooler will then shut down until it is required again.

Please note the lift can still be used whilst the oil cooler is operating.

### **G**

#### **Fireman's Control & Switch & 'Lift On Fireman's Control' Indicator Activated by Building Fire**

The lift controller is arranged to accept a signal from the Main Building Fire Alarm System, which causes the lift to stop at the next floor without opening the doors, return to the master floor ignoring all other car and landing calls registered.

Upon arrival at the master floor, the lift will park with the doors open. Control of the lift is provided from within the car only, until alarm is reset.

Whenever the lift is switched to fireman's control passengers in the lift car will be informed of this by illumination of a "Lift on Fireman's Service" Indicator. An audible annunciator, if supplied, will also advise passengers the lift is on fireman's service.

On Duplex installation, the first lift to reach the master floor will become the fireman's lift. The other lift will shut down at the master floor, with the doors parked open and all its indicators extinguished.

### **GG**

#### **Windcrest Auto dialler Vandal Resistant Telephone System AD1000**

Usually located in or adjacent to the lift car operating panel, this unit allows two way hands-free speech between the lift car and the operator/helper.

The system is activated by pressing the 'Alarm' push situated in the car operating panel COP for more than three seconds. (a three second 'hold down' delay is included to prevent accidental operation of the system).

Once activated the AD1000 will make an announcement using speech synthesisers informing and instructing the trapped person of how the system works, before automatically making the first call to a pre-selected operator/helper. Once the call is answered, full hands-free communication is established. If however the call is unobtainable, a second pre-selected number can be called by pressing the 'Alarm' button again (for more than three seconds). Up to four pre-selected numbers can be programmed into the system.



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## List Of Additional Options / Features Supplied

### HH

#### **Landing Direction Departure Arrows (Hall Lanterns) and Annunciator Gongs**

Fitted usually above the landing door entrance at every level served by the lift. A gong will sound to announce the arrival of the lift at the floor.

### I

#### **Car Door Infra - Red Beam (Low Level)**

The car door(s) is fitted with an infra red horizontal beam (approximately 500mm above floor level) which if interrupted by a person or object whilst closing, will instantly cause the doors to stop then reverse direction to the open position. The doors cannot close whilst the beam remains interrupted.

### II

#### **Low Level Panic Button (Car)**

The lift car is fitted with a red 'lock on' mushroom headed button. This button is located at a level close to the floor adjacent to the car operating panel.

Should a passenger require assistance, but be unable to use the alarm button sighted in the car operating panel then the panic button can be operated. Once pushed, the button will be 'locked on' and cause an alarm to sound until it is reset by the person providing assistance. Resetting is achieved by turning the red mushroom headed button to the unlock position.

### J

#### **Car Door Infra - Red Beam (High and Low Level)**

The car door(s) is fitted with a high and low level infra-red horizontal beam (approximately 1500mm and 500mm above floor level) which if interrupted by a person or object whilst closing, will instantly cause the doors to stop then reverse direction to the open position. The doors cannot close whilst the beam remains interrupted.

### JJ

#### **Hvdraulic Oil Storage Tank Heater**

The lift motor/pump unit (sighted in the machine room or cabinet) is supplied with an internal oil heater. The electrical heater element is thermostatically controlled enabling the oil inside the reservoir to be maintained at a minimum operating temperature at all times.

The temperature setting of the thermostat is adjustable and should only be reset by a qualified lift engineer.

### K

#### **Car Door Full Height Infra Red Multi-Beam**

The car door(s) is fitted with a series of infra red beams extending the full height of the entrance(s). Interruption of any of the beams by a person or object whilst the doors are closing will cause the doors to stop and return to the open position automatically. The doors cannot close again whilst any of the beams remain interrupted.

### KK

#### **Door Nudaina With Buzzer**

Continuous obstruction of doors will result after a period of time in a buzzer sounding. The doors will press against the obstacle/person with reduced torque. This will continue until the obstruction is removed.



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## List Of Additional Options / Features Supplied

### L

#### **Extractor Fan in Lift Car (Key operated)**

A keyswitch in the Car Operating panel is used to turn the extractor fan on and off. In the 'On' position the fan will operate continually extracting air from inside the lift car. The key is removable in both the 'On' and 'Off' positions.

### LL

#### **Lift Auto Dial System (LADS)**

After a single press of the in-car alarm pushbutton LADS automatically dials up to three pre-programmed telephone numbers with re-try of unobtainable lines.

The order in which the telephone numbers are redialled can be specified. LADS provides audible and visual reassurance of call progress to the lift occupant.

Call progress is relayed to the user with a flashing green "call in progress" indicator activated once an alarm signal has been present for three seconds. A complementary reassurance tone is also relayed to the lift occupant.

Upon connection to the Call monitoring service (CMS) the "call in progress" indicator stops flashing and remains on for the full duration of the call.

Upon successful connection of an alarm call, the CMS operator is able to listen to the site identification message before selecting full communications with the lift occupant by pressing key on the telephone.

### LL2

#### **Lift Auto Dial System (LADS2)**

After a single press of the in-car alarm pushbutton LADS automatically dials up to three pre-programmed telephone numbers with re-try of unobtainable lines.

The order in which the telephone numbers are redialled can be specified. LADS provides audible and visual reassurance of call progress to the lift occupant.

Call progress is relayed to the user with a flashing green "call in progress" indicator activated once an alarm signal has been present for three seconds. A complementary reassurance tone is also relayed to the lift occupant.

Upon connection to the Call monitoring service (CMS) the "call in progress" indicator stops flashing and remains on for the full duration of the call.

Upon successful connection of an alarm call, the CMS operator is able to listen to the site identification message before selecting full communications with the lift occupant by pressing key on the telephone.

This LADS system has a dual facility. Communication can be made from within the lift car by the general public. A second control unit is mounted upon the lift car roof for emergency communication by lift maintenance engineers who may be trapped upon the lift car roof.



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## List Of Additional Options / Features Supplied

### M

#### **Extractor Fan in Lift Car (Push button operated)**

A timer initiated by any car destination push button will start the car extractor fan. The fan will run for a period of 3 minutes, then turn off automatically unless a further car button is pressed, in which case the timer is reset and will operate the fan for a further 3 minutes. It is possible to reduce the length of time the fan runs and your Stannah Service Engineer will be pleased to do so should you require this, at your next scheduled service visit.

### MM

Low Level Oil Float

### N

#### **Car Light 'On Off' keyswitch**

A keyswitch is provided in the car operating panel to allow the lift car lighting to be turned 'off'. This feature is usually used when extended periods of non-use is envisaged (weekends, Bank Holidays). In the 'On' position the main car and emergency lights are continually illuminated. Should the mains power supply be interrupted and the car main lighting 'fail' the emergency lighting will continue to operate for a minimum period of 3 hours.

With the keyswitch in the 'Off' position the main car lighting will remain off, however the emergency car lighting will still remain illuminated. In the event of the main power supply failing the emergency car lighting will still remain illuminated for a minimum period of 3 hours.

### NN

#### **Failure of Main Power Supply**

On detection of power supply failure the lift will return to the ground floor (if not already there) on low speed and stop. Once the lift has arrived at the ground floor the doors can be pushed open from inside the car or opened by the use of the lock release key from the landing.

Important note

The automatic lowering to the ground floor is only operational if all the normal lift safety contacts and circuits are in the normal "run" condition.

### O

#### **Arrival Gong**

Gongs are fitted to the top and bottom of the lift car will sound when the lift reaches the floor level selected by passengers using the car push button, to announce the lift has arrived at that level.

### OO

#### **Keypad**

See data sheet for – Initialisation and Programming of the Noralsy Keypad.

### P

#### **Landing Direction Departure Arrows (Hall Lanterns)**

Fitted usually above the landing door entrance at every level served by the lift they indicate the direction the lift will leave the floor and extinguish as soon as the lift leaves floor level.





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## List Of Additional Options / Features Supplied

### **PP**

#### **Key Operated – Lift Out Of Service**

The lift controller is arranged to accept a signal from keyswitch at ground floor which causes the lift to stop at the next floor without opening the doors, return to the master floor ignoring all other car and landing calls registered.

Upon arrival at the master floor the doors will open to release any possible passengers and then reclose. The only buttons still capable of operating inside the car will be the alarm button and the door open button.

Out of service indicators will be illuminated at all floors.

### **Q**

#### **Direction Travel Arrows in Lift Car Entrance Upright**

Arrows fitted into the lift car entrance uprights(s) illuminate to indicate the direction in which the lift is about to travel.

### **R**

#### **Lift in Service Indicator**

This indicator is incorporated into the digital floor position indicator. If the lift is out of normal service due to being on test control, car preference control, fireman's control, or a fault has been detected, the digital floor position indicator will extinguish.

### **S**

#### **CG10 Car Intercom To Remote Handset(s)**

The lift car operating panel is provided with a 'Talk' push button. Directly above this button is a grill. Behind this grill is an intercom unit which provides two way communication between the lift car and a remote handset(s).

To establish communication press the 'Talk' button in the car operating panel, this will cause a buzzer in the remote handset(s) to sound. Two way communication through the grill is established when the handset is picked up.

### **T**

#### **Trip Counter on Controller**

An electrically operated counter is provided in the machine room which increments each lift journey to a clearly visible total.

### **U**

#### **Landing Key Switch and Swipe Card System**

A key switch at ground floor and swipe card system (supplied by others) at ground and first floors is provided. When the key switch is in the 'on' position the landing push buttons will be operative.

When the key switch is in the 'off' position the landing push buttons will be inoperative. Landing calls are placed by operation of a service card at each landing (supplied by others) with call registration denoted by push button illumination.

Note: The key switch is removable in both 'on' and 'off' positions.



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## List Of Additional Options / Features Supplied

### V

#### **Pit Prop**

A pit prop is provided for maintenance use and should be fitted when the engineer first enters the lift pit. The pit prop is a safety device to prevent accidental lowering of the lift car whilst working underneath it and should only be removed when exiting the pit upon completion of work.

### W

#### **Push Button Isolation Keyswitch (Car)**

A key operated switch is provided adjacent to the floor push button in the car operating panel. In the 'Off' position the floor push button is inoperative and calls placed will not be answered. In the 'On' position the floor push button becomes operational and calls placed will be registered and answered in due course.

Note keys can be removed in both the on and off positions.

### X

#### **Push Button Isolation Keyswitch (Landing)**

A key operated switch is provided above the lift call push button(s) in the landing architrave. In the 'Off' position the landing call button(s) is inoperative and calls placed will not be answered. In the 'On' position the landing call button(s) becomes operational and calls placed will be registered and answered in due course.

Note keys can be removed in both the on and off positions.

### Y

#### **Sprung Return Keyswitch (Car)**

A key operated switch is provided in the car operating panel in lieu of a normal push button to place a call on the system. The key is inserted into the switch which will be in the 'Off' position. The key is turned to the 'On' position, an indicator adjacent to the keyswitch will illuminate to indicate the call has been accepted, the key is then returned to the off position and removed from the switch.

Note keys can only be inserted or removed in the 'Off' position.

### Z

#### **Sprung Return Keyswitch (Landing)**

A key operated switch is provided in the landing architrave in lieu of a normal push button to place a call on the system. The key is inserted into the switch which will be in the 'Off' position. The key is turned to the 'On' position, an indicator above the keyswitch will illuminate to indicate the call has been accepted, the key is then returned to the off position and removed from the switch.

Note keys can only be inserted or removed in the 'Off' position.