

### MANUAL CONTROL SYSTEM (CONCEALED IN WALL) SPECIFICATION

1. The manual control systems for high windows shall be supplied by Clearline Inc. of North Wales, PA. The crank and all conduits from the crank to the sill line must be concealed within the wall.
2. Clearline Inc. shall supply fully detailed shop drawings to the architect for approval prior to fabrication and delivery of material.
3. The manual control system shall be provided in accordance with current code of practice for the particular vent specified. The controls shall in principal consist of a crank operated rotary control box delivering forward and backward motion to steel flexible cable traveling through a suitable plastic lined steel conduit which is formed to proper radii bends on the job site.
4. To facilitate installation and reduce installation costs, it shall be the responsibility of the window supplier to properly prepare the vents to accept the operators and to insure the vents are properly hung when connected for finger-tip operation providing freer movement to the control system. Vent preparation details shall be shown on the Clearline shop drawings and installation instructions for the erector will be provided at the time of delivery.
5. The crank and vertical control runs shall be concealed in the wall in accordance with the Clearline shop drawings. They shall be installed by the erector during the construction of the masonry or stud wall and it is the responsibility of the contractor to advise Clearline at that time to deliver the concealed portion of the material to the job site.
6. It shall be the responsibility of the contractor to make the necessary provisions for the installation of the control systems as shown on the shop drawings and to finish all surfaces after the systems have been installed.

### WARRANTY

*Clearline warrants its window control components against defective workmanship (but not against damage caused by accident, corrosion or abuse after shipment) only when such products are used in connection with equipment, the specifications of which have been approved by Clearline Inc. As the sole and exclusive remedy under this warranty, Clearline Inc. will, at its option, repair or replace, without charge, any of its products discovered to be so defective within a **two year** period from date of shipment, provided that Clearline Inc. is notified in writing within fourteen days of discovery of such defect and the original product returned to Clearline Inc. for examination to determine if such defect has not been caused by abuse or accident after shipment. Clearline shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use of, or the inability to use, the window control components.*