

CONSTRUCTION DETAILS OF HYDRAULICALLY-OPERATED GLASSHOUSE VENTILATORS



Above—The control system. On the left is the pipeline from the water main; the 2 lower taps operate the opening of the ventilators and the 2 top taps, which connect with the overflow pipe shown at the right, control the closing of the ventilators. The centre pipeline at the top of the photograph leads to the overhead water pipe, which has taps at intervals, shown in the illustration on the opposite page.



Above—A type of mechanical ventilator-opening equipment, which is shown for comparison with the hydraulically-operated ventilator system.



At left—A hydraulic cylinder, showing the steel strut to which it is attached at the base and the hose which connects the pipeline to the cylinder chamber. The ventilator is fully opened. Above—Side view of the glasshouse, showing how the top ventilators are connected at the base.