・Outside air flow : 7r／h or more
・Air flow : Flows in through the entire floor, out through the wall
・Supplemental lighting : Metal halide lamp × 4 High-pressure sodium lamp × 2
・Lighting : LED light × 3
・Program control : Integrated multi-control with touch panel display Switchable between clock-based control and cumulative time control Integrated control of temperature, humidity, and lighting
・Safety functions : Ground-fault interrupter on each mains, automatic recovery after power failure, automatic system shutdown under abnormal conditions
・Anteroom : Housing the air-conditioning unit and control board for the greenhouse unit

11. P1 type natural light phytotron × 1
・The phytotron shall consist of an anteroom and a greenhouse unit, with the anteroom installed at the entrance of the greenhouse unit.
・The equipment shall be of P1 level.
・Greenhouse unit : 3,600mm or wider doorways, 4,500mm or greater depth Shatterproof glass, with efficient high thermal barrier coating for plant growing : 6.2mm or thicker Thermal barrier : 0% spectral transmission factor for 1500nm or greater Floor : 5mm or thicker punching panels
・Temperature : 15 − 30℃ ± 3℃
・Temperature control : Three-position control with platinum resistance thermometer sensor
・Outside air flow : 7r／h or more
・Air flow : Flows in through the entire floor, out through the wall
・Supplemental lighting : Metal halide lamp × 4
・Lighting : LED light × 3
・Program control : Integrated multi-control with touch panel display Switchable between clock-based control and cumulative time control Integrated control of temperature, humidity, and lighting
・Safety functions : Ground-fault interrupter on each mains, automatic recovery after power failure, automatic system shutdown under abnormal conditions
・Anteroom : Housing the air-conditioning unit and control board for the greenhouse unit

12. P1 type natural light phytotron × 4
・The phytotron shall consist of an anteroom and a greenhouse unit, with the anteroom installed at the entrance of the greenhouse unit.
・The equipment shall be of P1 level.
・Greenhouse unit : 3,600mm or wider doorways, 4,500mm or greater depth Exterior glass : 5mm or thicker float tempered glass Roof glass : 5mm or thicker float tempered glass Floor : 5mm or thicker punching panels
・Temperature : 17 − 32℃ ± 3℃ in summer ; −5 − 30℃ ± 3℃ in winter
・Temperature control : Three-position control with platinum resistance thermometer sensor
・Outside air flow : 7r／h or more
・Air flow : Flows in through the entire floor, out through the wall
・Supplemental lighting : Metal halide lamp × 4 High-pressure sodium lamp × 2
・Lighting : LED light × 2
・Program control : Integrated multi-control with touch panel display Switchable between clock-based control and cumulative time control Integrated control of temperature, humidity, and lighting
・Safety functions : Ground-fault interrupter on each mains, automatic recovery after power failure, automatic system shutdown under abnormal conditions
・Anteroom : Housing the air-conditioning unit and control board for the greenhouse unit

13. P1 type natural light phytotron × 1
・The phytotron shall consist of an anteroom and a greenhouse unit, with the anteroom installed at the entrance of the greenhouse unit.
・The equipment shall be of P1 level.
・Greenhouse unit : 3,600mm or wider doorways, 4,500mm or greater depth 5mm or thicker float tempered glass Thermal barrier : 0% spectral transmission factor for 1500nm or greater Floor : 5mm or thicker punching panels
・Temperature : 25 − 32℃ ± 3℃ in summer ; −5 − 30℃ ± 3℃ in winter
・Temperature control : Three-position control with platinum resistance thermometer sensor
・Outside air flow : 7r／h or more
・Air flow : Flows in through the entire floor, out through the wall
・Supplemental lighting : Metal halide lamp × 4 High-pressure sodium lamp × 2
・Lighting : LED light × 3
・Program control : Integrated multi-control with touch panel display Switchable between clock-based control and cumulative time control Integrated control of temperature, humidity, and lighting
・Safety functions : Ground-fault interrupter on each mains, automatic recovery after power failure, automatic system shutdown under abnormal conditions
・Anteroom : Housing the air-conditioning unit and control board for the greenhouse unit

14. P1 type natural light phytotron × 1
・The phytotron shall consist of an anteroom and a greenhouse unit, with the anteroom installed at the entrance of the greenhouse unit.
・The equipment shall be of P1P level.
・Greenhouse unit : 3,600mm or wider doorways, 4,500mm or greater depth Exterior glass : 5mm or thicker float tempered glass Roof : 6mm or thicker heat reflective glass Floor : 5mm or thicker punching panels
・Temperature : 25 − 32℃ ± 3℃ during daytime ; 14 − 26℃ ± 3℃ during nighttime
・Temperature control : Three-position control with platinum resistance thermometer sensor
・Outside air flow : 7r／h or more
・Air flow : Flows in through the entire floor, out through the wall
・Supplemental lighting : Metal halide lamp × 4 High-pressure sodium lamp × 2
・Lighting : LED light × 3
・Program control : Integrated multi-control with touch panel display Switchable between clock-based control and cumulative time control Integrated control of temperature, humidity, and lighting
・Safety functions : Ground-fault interrupter on each mains, automatic recovery after power failure, automatic system shutdown under abnormal conditions
・Anteroom : Housing the air-conditioning unit and control board for the greenhouse unit

15. P1 type artificial light phytotron × 4
・The equipment shall be of P1 level.
・Facility dimensions : External dimensions ≥ 3,200mm (W) × ≥ 1,800mm (D) × ≥ 2,358mm (H) Internal dimensions ≥ 2,212mm (W) × ≥ 1,712mm (D) × ≥ 2,200mm (H)