

The 12' wide x 15' long greenhouse with 8' sides and peak roof has been tested for several years and is considered our most economical and practical home greenhouse. It is easy to ship, easy to install, and easy to cover. It is strong and attractive and there is no wood to warp or discolor. All steel is 1 5/8" or 1 7/8" diameter galvanized allied greenhouse steel. The ends are framed in 1.5" square allied greenhouse steel for strength and easy assembly of doors, vents, fans and end wall covers. The roof and side covering is heavy duty clear EVA plastic that is used on commercial greenhouses and is guaranteed for 5 years. End coverings are optional with single or twin wall polycarbonate supplied with the unit or purchased locally. Clear PVC panels are also available at most building supply centers.

Replacement parts are readily available, but seldom required. The special heavy-duty connectors are the same as used in our commercial greenhouses. All steel used in this greenhouse is identical in specifications as in our commercial greenhouse. For the first time a proven commercial design has been scaled down to a home greenhouse size. This greenhouse can be installed on bare ground, concrete, asphalt or on a deck. For larger families it is also available in 15' widths and longer lengths. Smaller (10' x 10') greenhouses are also available or any custom size to fit you area.

The key to a successful greenhouse is in the control of the environment. Cooling is an important part of the greenhouse design. Air assisted natural cooling with the appropriate percentage of shade is the key to high production and high quality produce and flowers. Start with a clear covering and shade and cool as necessary. Roll-up sides and small exhaust fans for removing the hot air in the ceiling are once again becoming popular with commercial growers. With good air circulation the plant environment is better and less energy is used.

The growing system is the guts of the greenhouse. Without a growing system the greenhouse serves no purpose but to keep out the weather. The **Verti-Gro** system is the most advanced but simplest hydroponic or organic system ever developed for the commercial grower, indoor gardener or outdoor gardener. For small farms it is the perfect low cost system.

# Vertical Gardening