NOTES: 1. Table is based on maximum 90 in.
sidewall height.
2. Table is based on maximum 4 in. inset
for ground anchor head from edge of floor or
wall.
3. Table is based on main rail (I-beam)
spacing per given column.
4. Table is based on maximum 4 in. eave
width for single-section homes and max-
umin 12 in. for multi-section homes.
5. Table is based on maximum 20-degree
roof pitch (4.3/12).
6. All manufactured homes designed to be
located in Wind Zone III must have a
vertical tie installed at each diagonal tie lo-
cation.
7. Table is based upon the minimum height
between the ground and the bottom of the
floor joist being 18 inches. Interpolation may
be required for other heights from ground to
strap attachment.
8. Additional tie downs may be required
per the home manufacturer instructions.
9. Ground anchors must be certified by a
professional engineer, or registered archi-
tect, or listed by a nationally recognized
testing laboratory.
10. Ground anchors must be installed to
their full depth, and stabilizer plates, if re-
quired by the ground anchor listing or cer-
tification, must also be installed in accord-
ance with the listing or certification and per
the ground anchor and home manufacturer
instructions.
11. Strapping and anchoring equipment
must be certified by a registered professional
engineer or registered architect or must be
listed by a nationally recognized testing
agency to resist these specified forces, in ac-
cordance with testing procedures in ASTM D
3953–97, Standard Specification for Strap-
ing, Flat Steel and Seals (incorporated by
reference, see §3285.4).
12. A reduced ground anchor or strap work-
ing load capacity will require reduced tie-
down strap and anchor spacing.
13. Ground anchors must not be spaced
closer than the minimum spacing permitted
by the listing or certification.
14. Table is based on a 3,150 lbs. working
load capacity, and straps must be placed
within 2 ft. of the ends of the home.
15. Table is based on a minimum angle of 30
degrees and a maximum angle of 60 degrees
between the diagonal strap and the ground.
16. Table does not consider flood or seismic
loads and is not intended for use in flood or
seismic hazard areas. In those areas, the an-
chorage system is to be designed by a pro-
fessional engineer or architect.

§ 3285.503 Optional appliances.
(a) Comfort cooling systems. When not
provided and installed by the home