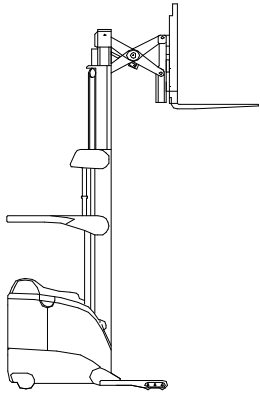


USE & MAINTENANCE



USE:

Pallet racking should only be used for the purpose it was designed for. This includes not only the loads it was designed to hold but also at the beam levels depicted on the drawing. Should a customer change one or more beam levels they should check with Arpac or another qualified professional as this could alter the capacity of the system.

Properly trained forklift drivers will ensure less damage to the rack and that it is being used for its intended loads. It is also important that the operators know to report any damage immediately so that appropriate action may be taken.

Users of rack should never climb or step on rack. To do so could result in serious injury and is not the intended use of storage rack.

To prevent product from falling it is good practice to use shrink wrap. If loads are too small for the intended space or if there are problems safely placing the loads, then safety bars and or wire decks should be employed.

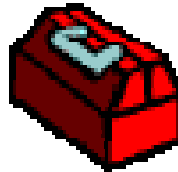
MAINTENANCE:

Storage rack should be inspected regularly for missing components, damage, corrosion and misuse. Repairs should be performed by a qualified person.

Any damaged rack should be unloaded immediately. For example, if a post is dented, then the bays on either side of that post should be emptied. This holds true of the pallets themselves as they should be replaced if they are not structurally sound.

Missing or corroded components should be replaced to maintain the original design in new condition. Most components are readily available through Arpac.

If the customer's needs change then the capacity of the rack should be checked to make sure it is still adequate. If beam levels need to be altered the customer will have to have the system reviewed by a qualified professional.



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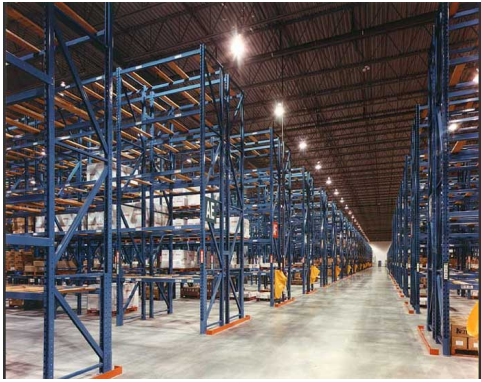
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*Innovation in Storage
and Handling*

CUSTOMER MANUAL

DESIGN & INSTALLATION



DESIGN CONSIDERATIONS:

Arpac's storage rack products are designed with the customer's needs in mind. A typical design will include a custom engineered layout that will maximize storage capacity and efficiency while working with practices and equipment already in place.

During the design phase an Arpac sales representative will assist the customer in making appropriate choices for their needs. This process will include gathering information about the product being stored, (weights, sizes and product description), the area where the rack will be installed, current as well as future volume expectations and the mechanical equipment that will be used to move the product.

Special attention is given to clearances when an operation experiences high traffic volume, incorporates fragile structures (such as cooler and freezers) or has specific health or safety concerns due to the products being stored.

Safety can be enhanced by protecting posts with post guards, double posting the lower portion of the front post or adding a floor guide rail system or row end protectors.

INSTALLATION:

Prior to installation it is up to the customer to ensure that all fire code and life safety requirements have been met and that the concrete slab that will be supporting the rack is of adequate strength. These issues are normally examined by independent professionals.

Arpac recommends that all pallet racking products be installed by a qualified person.

The installation should be in accordance with the installation drawing provided. These drawings denote general layout and specific product location, clearances from walls, beam elevations and maximum loading per level, anchoring requirements as well as any special design needs (i.e. seismic plate) or requests (i.e. post guards).



Unless otherwise noted on the drawing, pallet racking should NOT be installed outside since this would require specific design considerations such as wind loading and environmental effects.

Should a customer decide to re-use existing rack or buy used rack, it should be in "as new" condition. This means it is free from rust or damage and approved by a qualified professional. If reviewed by Arpac, anchoring and other specific details will be included on the drawing. Arpac storage rack should never be mixed with another's manufacturers components.

Rack should be installed plum, with a maximum deviation of ½ inch per 10ft. Typically anchors are at least ½ inch in diameter with an embedment of anchor length minus 1 ½ inches and a minimum of one anchor per foot plate. Anchors should be tightened to the manufacturer's specifications. Row spacers are required on back to back rows at a maximum interval of 8ft high and single rows may require additional restraint in accordance with WCB regulations. Also necessary is one locking pin per bracket unless otherwise noted.

Once installation is complete it will be verified and approved by an Arpac employee.