



IS 302-2-11 Safety of household and similar electrical appliances: Part 2 particular requirements: Sec 11 tumbler dryers

The **IS 302-2-11** standard is applicable for **household and similar electrical appliances**, specifically focusing on **tumbler dryers of rated voltage not exceeding 250V ac or dc**. This includes:

1. **Household Tumbler Dryers:** Dryers used in typical residential settings for drying clothes.
2. **Commercial Tumbler Dryers:** Smaller-scale commercial dryers that are similar to household dryers, typically used in small businesses, laundrettes or similar environments.

When consumers are looking for a high-quality tumbler dryer, they should consider the following features and attributes:

1. **Energy Efficiency:** Look for models with high energy efficiency ratings. This not only saves on electricity bills but is also environmentally friendly.
2. **Drying Performance:** The dryer should effectively and evenly dry clothes without over-drying or leaving them damp.
3. **Capacity:** Choose a dryer that meets your household needs. Larger families may require a dryer with greater capacity.
4. **Multiple Settings:** A good dryer should offer various drying modes (e.g., delicate, heavy-duty, quick-dry) to accommodate different types of fabrics and drying requirements.
5. **Noise Levels:** Look for a quiet operation, especially if the dryer will be placed near living areas.
6. **Durability:** High-quality materials and construction ensure the dryer will last longer and withstand frequent use.
7. **Ease of Use:** User-friendly controls and clear instructions make the dryer convenient to operate.
8. **Safety Features:** Ensure the dryer includes essential safety features such as overheat protection, automatic shut-off, and adequate ventilation.

By adhering with the requirements laid in IS 302-2-11, manufacturers can ensure the Safety of Users, Reliable Performance, Durability, Energy efficiency. Consumers get safety features such as overheat protection, automatic shut-off, proper ventilation, and warning labels. The **BIS mark**, displayed on compliant products, assures consumers that the appliance has undergone stringent testing and meets the safety criteria outlined in the standard. This provides peace of mind, ensuring that the product they are purchasing is both safe and reliable for long-term use.