

Limited Warranty

Comments and Questions: Please contact us at:

Baldor Electric Company
Vice President - Marketing
P.O. Box 2400
Fort Smith, Arkansas 72902-2400
Facsimile: 479-648-5791
Website: www.baldor.com

or refer to page 543 of this catalog for a list of District Offices in your area.

Scope of Warranty: All products are warranted against defects in workmanship and materials.

Warranty Period: All Baldor products are warranted against defects in materials and workmanship. Motor warranty varies depending on type of motor and application. For warranty information on a specific product, please visit our website at www.baldor.com or contact your local Baldor•Reliance District office.

All warranty claims must be submitted prior to the expiration of the warranty period.

Warranty Service Center Locations: Warranty service is available for all Baldor•Reliance products from Authorized Service Centers. A list of Authorized Service Centers is available at www.baldor.com and from any Baldor District Office or by contacting us at the above location.

Procedure to Receive Warranty Service: Customers should take or ship prepaid the Baldor•Reliance product requiring warranty service to an Authorized Service Center. Please include an explanation of the defect or problem, a description of the way in which the product is used, your name, address and telephone number.

Repair by Other than a Baldor•Reliance Authorized Service Center: Customers who are unable to take or ship the Baldor•Reliance product to an Authorized Service Center, or who desire a repair to be made by other than a Baldor•Reliance Authorized Service Center, should contact the local Baldor•Reliance District Office. A repair by anyone other than an Authorized Service Center must be approved in advance by Baldor Electric Company.

Repairs or Replacement Within the Scope of the Warranty: If a Baldor•Reliance product is defective due to workmanship or materials and the defect occurs during the warranty period, then Baldor will either repair the product or replace it, whichever Baldor believes to be appropriate under the circumstances. Baldor is not responsible for removal and shipping of the product to the service center, the reinstallation of the product upon its return to the customer, or any incidental or consequential damages resulting from the defect, removal, reinstallation, shipment or otherwise.

Repairs Outside the Scope of the Warranty: Problems with Baldor•Reliance products can be due to improper maintenance, faulty installation, non-approved additions or modifications, or other problems not due to defects in workmanship or materials. If the Baldor•Reliance Authorized Service Center determines that the problem with a Baldor•Reliance product is not due to defects in workmanship or materials, then the customer will be responsible for the cost of any necessary repairs. Customers not satisfied with a determination that a problem is outside of warranty coverage should contact the Baldor•Reliance District Office for further consideration.

Intended Use: Baldor•Reliance products are designed for industrial, commercial and agricultural use rather than household, family or personal use.

Product Specifications: All product specifications, applications and other information provided in Baldor's catalog and publications are subject to correction and change without notice and should be confirmed with the Baldor•Reliance District Office prior to ordering.

Extended Warranties: Extended warranties are available for certain products. Contact your Baldor•Reliance District office for additional information.

No Other Warranties and Liability Limitation: This Limited Warranty and Service Policy represents Baldor's sole and exclusive warranty obligation with respect to Baldor products. Baldor's liability to a customer or any other person shall not exceed the sales price of the applicable Baldor product. BALDOR DISCLAIMS ALL OTHER EXPRESSED AND IMPLIED WARRANTIES INCLUDING THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY.

Trademark Notices

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Baldor has made every effort to make this catalog complete and accurate as of the time of printing. All pricing is subject to change or correction. Since products are continuously being improved, all data is subject to change or correction. The data presented here is for general information to provide an overview of Baldor's capabilities. For specific applications, installation and operating instructions, certified dimensions, capabilities and performance data, and pricing and availability, contact your Baldor•Reliance District Sales Office listed on page 534.

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UL AND CSA EXPLOSION-PROOF CLASSIFICATIONS**1. Hazardous Locations**

Class I Group D locations are atmospheres containing elements such as Gasoline, Hexane, Naphtha, Benzene, Butane, Propane, Alcohol, Acetone, Benzol, Lacquer Solvent Vapors or Natural Gas.

Class I Group C locations are atmospheres containing elements such as Ethyl-ether, Ethylene and Cyclopropane.

Class II Group F & G locations are atmospheres containing dust such as (F) Carbon Black, coal or Coke Dust, (G) Flour, Starch or Grain Dusts.

2. As required by Underwriters Laboratories and Canadian Standards Association, explosion-proof motors with Class II Group F & G approvals must have over temperature protection.

Explosion-Proof Motors rated 1 1/2 HP or less have internally mounted automatic thermal overloads when indicated by suffix "A". Caution must be observed when applying these to machinery applications to prevent accidental injury should the thermal device automatically reset and restart the motor.

Explosion-Proof Motors rated 1 HP and larger without automatic thermal overloads have thermostats in the windings.

These thermostats are pilot circuit devices to be connected to the magnetic starter circuit.

3. Surface temperatures of Baldor Explosion-Proof Motors will not exceed the following UL and CSA maximums under fault conditions.**A. Class I, Group D listings only.**

① Motors with Class B insulation will not exceed surface temperatures of 230°C (446°F) equivalent Code T2C.

⑥ Motors with Class F insulation and 1.0 S.F. will not exceed surface temperatures of 280°C (536°F) equivalent to Code T2A.

B. Class I, Group C & D listings only.

⑤ Motors with Class F insulation and 1.15 S.F. will not exceed surface temperature of 160°C (320°F) equivalent to Code T3C.

C. Class I, Group D, Class II Group F & G listings.

③ Shunt wound DC motors, 182 through 215 frames, 1/2 through 3 HP, will not exceed surface temperatures of 165°C (329°F) equivalent to Code T3B.

⑦ Fractional HP motors in Baldor type 35 will not exceed surface temperatures of 135°C (275°F) equivalent to Code T4.

⑦ Frames 364T through 449T will not exceed surface temperatures of 135°C (275°F) equivalent Code T4.

⑧ Fractional HP motors in Baldor type 34, and 1 HP motors and greater built in Baldor type 35, frames 143T through 326T will not exceed surface temperature of 160°C (320°F) equivalent to Code T3C.

⑧ Fractional HP motors in Baldor type 34, and permanent magnet DC motors in Baldor type 34 and 35, will not exceed surface temperatures of 160°C (320°F) equivalent to Code T3C.

D. Class 1, Group C & D, Class II, Group F & G listings.

② Baldor Frames 182T through 449T will not exceed surface temperatures of 135°C (275°F) Code T4.

4. Not suitable for applications in temperatures below -25°C (-13°F).**5. All Explosion-Proof motors are supplied with Explosion-Proof UL and CSA approved conduit boxes as standard.****6. Baldor-Reliance AC Explosion Proof Motors, on pages 87-96, are not approved for use on variable voltage or variable frequency controls. Inverter Duty Explosion Proof motors (page 206) must be used.****CAUTION!**

Motors misapplied in hazardous environments can cause a fire or explosion resulting in destruction of property, serious injury or death. Only the end user or a qualified underwriter is to identify and select the proper class, group, division, and temperature code motor to meet the requirements of each installation. Baldor personnel can advise what listings and approvals Baldor motors carry, but cannot evaluate nor recommend what motors may be suitable for use in hazardous environments.