American® DR and A Series SPECIFICATIONS

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Maintenance free

Quiet, dependable operation

360° revolving

Vandal resistant

Durable finish looks new for years

10 year limited warranty



DR-TN Series White

Push Button



DR –TNSS Stainless Steel
Automatic



A –T Series White Automatic / Surface Mount



DR-N Series White Push Button



A –TR Series White, Automatic / Recessed Mount

OVERVIEW:

THE DR AND A SERIES HAND DRYERS' TIME-TESTED DESIGN FEATURES QUIET, DEPENDABLE OPERATION IN A HEAVY DUTY, VANDAL-RESISTANT PACKAGE.

construction features:

DR SERIES COVER & FINISH – One-piece, heavy duty, 16 gauge steel with white enamel finish or optional 18 gauge type 304 stainless steel with brushed finish (SS).

A SERIES COVER & FINISH – One-piece, heavy duty, 1/4" thick cast iron cover with white porcelain enamel finish is the ultimate in vandal resistance.

TAMPER RESISTANT – Tamper resistant screws secure cover to base. Air intake vents are shielded for additional safety.

MOTOR – Permanently lubricated, maintenance free, brushless induction motor with automatic resetting thermal protector. 1/10 HP, 3200 RPM.

NOZZLE & PUSH BUTTON – Chrome plated zinc die castings. 360° revolving nozzle is standard. A fixed nozzle (F) is optional on all models.

DR SERIES TIMER – Push button models use a heavy duty timer for extended life. Turns on with a light touch. Turns off automatically.

AUTOMATIC SENSOR – RoHS compliant lead-free design. Microprocessor controlled infrared sensor turns dryer on when hands are under the outlet for up to 80 seconds.

HEATING ELEMENT – Constructed of NiChrome resistance wire with automatic resetting thermostat. Side mounted heating element operates in the black range for maximum life.

| specifications DR and A | | | | | | | |
|-----------------------------|--|--|--|--|--|--|--|
| AIR FLOW | 160 CFM (Cubic Feet per Min.) | | | | | | |
| AIR VELOCITY | 5500 LFM (Linear Feet per Min.) | | | | | | |
| AIR TEMP | 130 - 145°F at 72°F Ambient | | | | | | |
| SOUND LEVEL | 71 dB (Quietest in its class) | | | | | | |
| DIMENSIONS SURFACE | DR 11" W x 9-1/4" H x 8-7/8" D A 11-3/8" W x 9-7/8" H x 8-7/8"D | | | | | | |
| DIMENSIONS RECESSED | DR 15-5/8" W x 12-3/8" H x 5-5/8" D A 12-1/2" W x 10-1/16" H x 6" D | | | | | | |

WARRANTY: 10-year limited warranty. Includes same day factory repair or part replacement. Sensor 5 years. See owner's manual for details.

DR model reference chart

| PUSH BUTTON | | AUTOMATIC | | ELECTRICAL RATINGS | | | |
|------------------|-----------------|------------------|-----------------|--------------------|------|-------|-------|
| Surface Model | Drying Cycle | Surface Model | Drying Cycle | Volts | Amps | Watts | Hertz |
| DR10N | 40 sec | DR10TN | Auto | 110-120 | 15 | 1725 | 60 |
| DR20N | 30 sec | DR20TN | Auto | 110-120 | 20 | 2300 | 60 |
| DR35N | 30 sec | DR35TN | Auto | 208-240 | 10 | 2300 | 50/60 |

AVAILABLE OPTIONS:

Stainless steel cover add (SS) after model no. Fixed nozzle add (F) after model no Hair drying with 80 second cycle add (H) after model no. Automatic models only. Recess Mounted add (R) after model no. or order kit separately.

A model reference chart

| AUTOMATIC | | | ELECTRICAL RATINGS | | | | | | | |
|---|-------------------|-----------------|--------------------|------|-------|-------|--|--|--|--|
| Surface Model | Recessed Model | Drying Cycle | Volts | Amps | Watts | Hertz | | | | |
| A70T | A70TR | Auto | 110-120 | 20 | 2300 | 60 | | | | |
| A80T | A80TR | Auto | 208-240 | 10 | 2300 | 50/60 | | | | |
| AVAILABLE OPTIONS: Fixed nozzle add (F) after model no. | | | | | | | | | | |

DR Series Mounting Diagrams 10 13/16 (274mm) 2 3/4 (70mm) 5/8 5/8 (17mm)> 9 1/2 (17mm) (241mm) **1 5/16** (33mm) Φ. -7/8 (22mm) IN WALL CONDUIT 7 7/16 **ENTRANCE** (189mm) 7/8 (22mm) 9 1/16 **SURFACE** (230mm) CONDUIT **ENTRANCE** 9 1/8 (232mm) Figure 1 - DR Series Surface Mount WAII-14 1/4 FRAME INSIDE (362mm) 5 5/8 ROUGH OPENING (143mm) 4 1/2 (114mm) 1 (25mm) **1 5/8** (33mm) CONDUIT **ENTRANCE** 10 7/8 ROUGH (276mm) WALL OPENING **−10 13/16** → (275mm) 3 1/2 (89mm) .15 5/8 W X 12 3/8 H **BOX DEPTH** (397mm W X 314mm H) TRIM PIECE New Revision - Consult Factory For Old Dimensions Figure 2 - DR-R Series Recessed Mount

A Series Mounting Diagrams 3/4 10-3/4 (273mm) (19mm) 9-1/4 (235mm) 4 1 (25mm) 7/8 (22mm) IN-WALL **4** 2-3/4 ► CONDUIT ENTRANCE 8-9/16 7-1/16 (70mm) (179mm) (217mm) 7/8 (22mm) SURFACE 1-1/16 CONDUIT ENTRANCE (27mm) 5/16 (8mm) DIA. MTG HOLES 3/4 8 (19mm) (203mm) (25mm) Figure 3 - A-T Series Surface Mount WALL FRAME INSIDE 2 1/4 **ROUGH OPENING** 1 1/2 (38mm) 6 3/4 (57mm) (171mm) \oplus (8) WALL 7/8 (22mm) 9 -1/16 BOX CONDUIT (230mm) MTG HOLES **ENTRANCES ROUGH WALL OPENING** - **11** (279mm)

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DRYER PLACEMENT:

3 1/4 (89mm)

BOX DEPTH

Dryers should be placed at least 2 feet apart and at least 12" from washbasin. Do not install dryer over washbasin. Automatic dryers should be at least 18" above any projection which may interfere with the operation of the automatic sensor.

3 1/2 (89mm) MIN WALL DEPTH REQ'D

Figure 4 - A-TR Series Recessed Mount

DRYER INSTALLATION:

Hand dryers require a dedicated circuit (max. 20 amp) and must be properly grounded. One side of dryer should be mounted to stud. All surface mount dryers are provided with conduit entrances for both between wall and surface wiring.

QUANTITY ESTIMATE, HAND DRYER:

Average traffic washroom......1 dryer per 2 washbasins Heavy traffic washroom......1 dryer per washbasin 54" wash fountain......4 dryers per sink

SHIIPPING WEIGHT:

DR Series 16 lbs, A Series 28 lbs



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