

## Technical Data

Features	specification
Ambient conditions	<ul style="list-style-type: none"> <li>- indoor use</li> <li>- maximum elevation 2000 m (6562 ft) above sea level</li> <li>- max. relative humidity 80 % up to 31°C (88°F), linearly decreasing down to 50 % relative humidity at 40°C (104°F).</li> </ul>
Ambient temperature allowed	+2 °C to +35 °C (36°F to 95°F)
run time	<ul style="list-style-type: none"> <li>- standard mode : 1min - 9 h 59 min, hold = permanent</li> <li>- extended mode : 1min – 99 h, hold</li> </ul>
maximum speed ( $n_{max}$ )	15 000 rpm (rotor-dependent, adjustable in steps of 10)
minimum speed ( $n_{min}$ )	300 rpm
maximum RCF	21 885 (micro liter rotor)
maximum kinetic energy	<ul style="list-style-type: none"> <li>Legend™ T (33 780 ft.lb)</li> <li>Legend™ RT (40 418 ft.lb)</li> </ul>
noise at maximum speed	<ul style="list-style-type: none"> <li>Legend™ T &lt; 66 dB (A)</li> <li>Legend™ RT &lt; 55 dB (A)</li> </ul> (sound pressure level of emission according to DIN EN ISO 11 201)
Temperature set range	-9 °C to +40 °C

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Dimension (H x W x D) Legend™ T Legend™ RT	362 mm x 551 mm x 666 mm ( 14.3 x 21.7 x 26.2 inches ) 362 mm x 733 mm x 666 mm ( 14.3 x 28.7 x 26.2 inches )
Weight without rotor Legend™ T Legend™ RT	89 kg ( 196 lb ) 131 kg ( 288 lb )
Standards for all voltages Manufactured and checked in accordance with	IEC 61010-1:1990 + amendment 1:1992 + amendment 2:1995 IEC 61010-2-020:1993 + amendment 1:1996
120V instruments Manufactured and checked in accordance with	CAN/CSA-C22.2 No. 1010-1.92 CAN/CSA-C22.2 No. 1010-1.B97 amendment 2 UL 3101-1
230V instruments Manufactured and checked in accordance with	EN 61 010-1, EN 61 010-2-020 EN 61326 (+ EN 61000-3-2/A14:2000-06) EN 55011 B, EN 61000-6-2.

**Electrical connections / fuses**

Order no.	Voltage	Frequency	Nominal current	Power consumption	Fuse protection of instrument - safety fuse * thermic excess current release	Fuse protection of building
Legend™ T 7500 4367	120 V	60 Hz	10.2 A	900 W	15 A	15 AT
Legend™ T 7500 4363	230 V	50/60 Hz	8.6 A	1250 W	10 A	16 AT
Legend™ RT 7500 4377	120 V	60 Hz	12.0 A	1220 W	15 A * 16 A	15 AT
Legend™ RT 7500 4373	230 V	50/60 Hz	10.6 A	1900 W	10 A * 16 A	16 AT
Legend™ T 7500 4368	100 V	50/60 Hz	12.9 A	920 W	15 A	15 AT
Legend™ RT 7500 4378	200 V	50/60 Hz	11.7 A	1920 W	10 A * 14 A	15 AT