CO_2 LASERS » Air & Water-Cooled ULR-10

FEATURES

- The most compact 10-watt CO2 laser
- Air and water-cooled options
- Class IV configurations available
- Integrated RF supply
- New TTL output temperature warning LED
- New fault indicator LED
- New lowprofile mounting plate
- Excellent power stability
- Quiet operation
- Ability to retrofit to current 10-watt CO2 installations
- Manufactured with proven ULS technology

LASER SPECIFICATIONS*

Rated Power**	10 W
Wavelength	10.6µ
Power Stability	±10%
M^2	1.4 ± 0.2
Beam Size (Near Field)†	4 ± 1mm
Beam Divergence (Full Angle)	5 ± 1mR
Polarization	Linear
Pointing Stability	200µR
Optical Pulse Rise or Fall Time	120 ± 40 µS
Optical Delay Time	38 ± 10 µS
Optical Modulation	100% up to 5KHz
Modulation Signal Type	TTL Compatible

LASER SPECIFICATIONS*

Cooling	Integrated Air/Water
Weight	8.6 lbs (3.9 kg) - Class IV
	7.25 lbs (3.3 kg) - OEM
Dimensions	see rear panel
Environmental	
Ambient Temperature††	50-95°F (10-35°C)
Relative Humidity	<90% (non-condensing)
Power Requirements	
DC Input Voltage	48 VDC
RMS Current (CW, with fan)	5 A

*These specifications are subject to change without notice. **Output power is guaranteed to exceed this level for a period of 15 months from date of purchase, regardless of use. †Near field approximately 150mm from output coupler. ††At temperatures below 50°F [10°C] operation may be intermittent and there is a potential for damage to the power supply and optics.

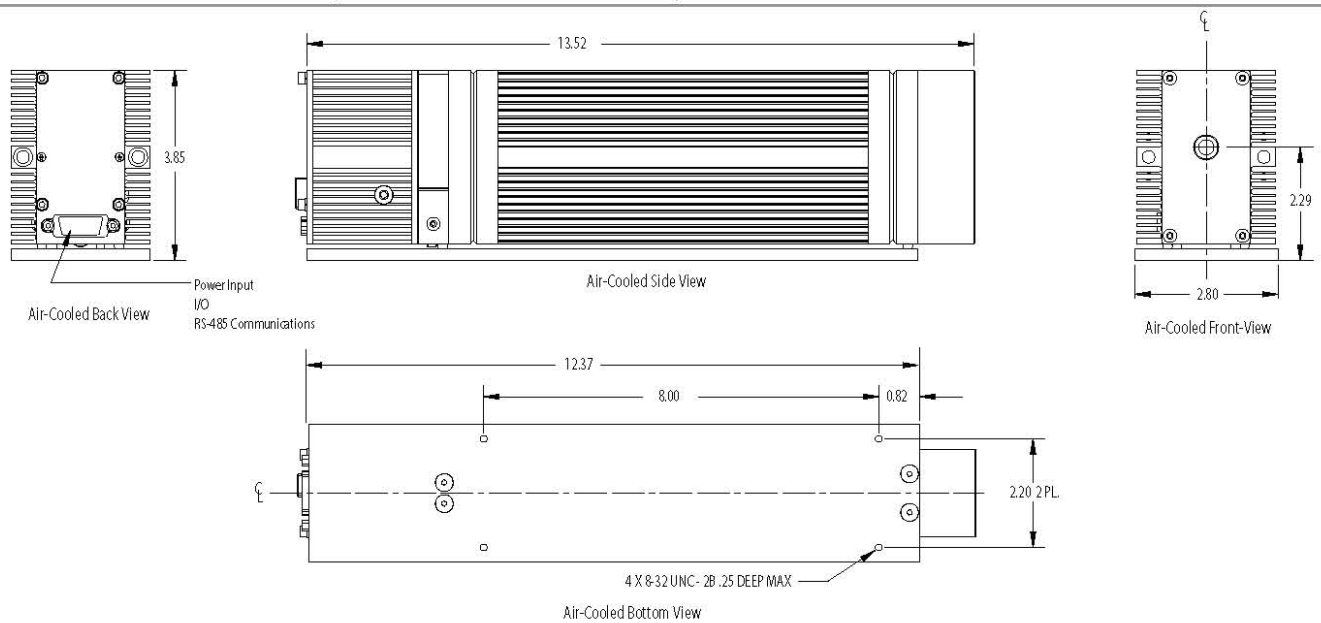
中国代理：

Made By

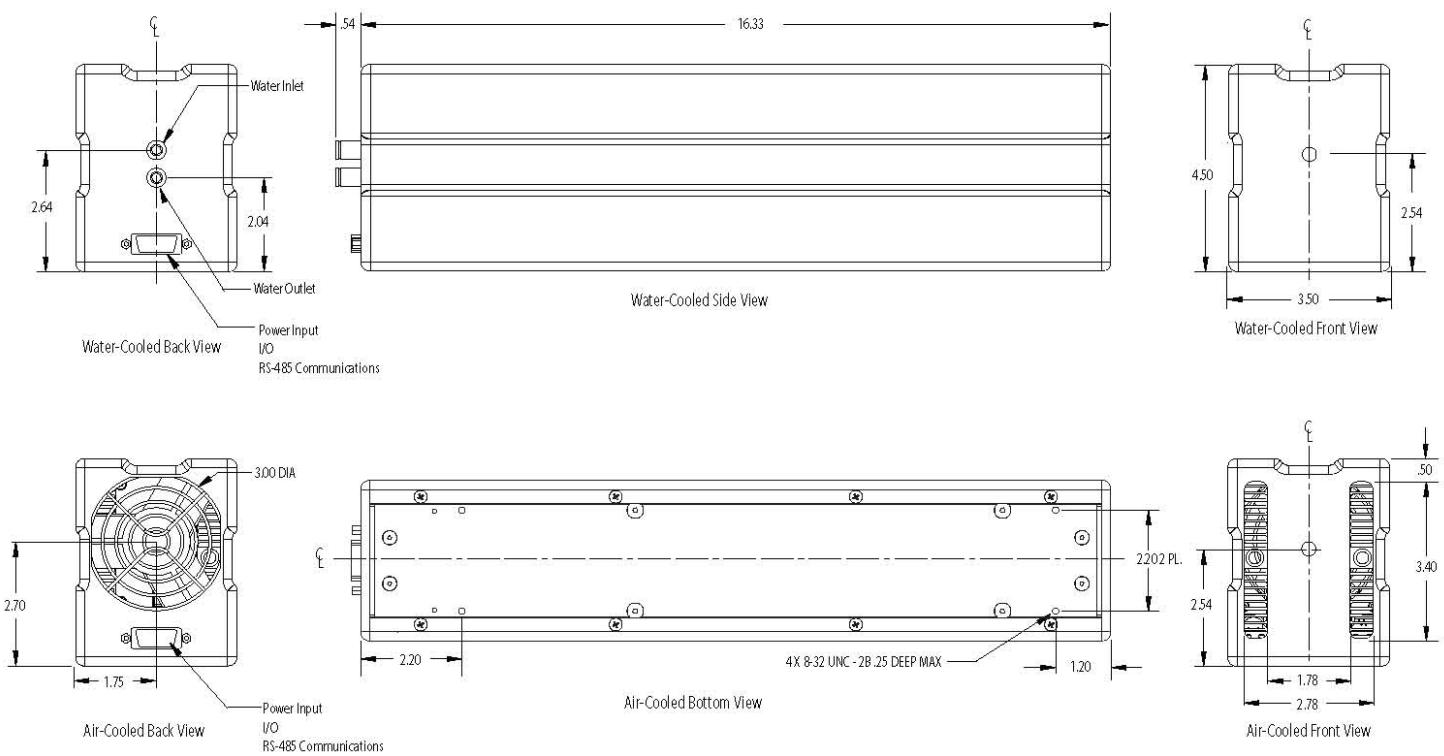
武汉新特光电技术有限公司，电话：027－87569549

UNIVERSAL LASER SYSTEMS INC.

BASIC CONFIGURATION (AIR OR WATER-COOLED)



CLASS IV CONFIGURATION (AIR OR WATER-COOLED)



These OEM lasers are components intended for integration into OEM equipment and as such do not comply with the Federal regulations (21 CFR Subchapter J) as administered by the Center for Devices and Radiological Health. Purchaser acknowledges that it is his responsibility to obtain compliance with all CDRH and other applicable domestic and/or international safety standards. Protected under U.S. patents 5,661,746; 5,754,575; 5,867,517; 5,901,167; 5,894,493; 5,881,087; 5,982,803; 6,181,719; 6,983,001; 7,060,934; D517,474. Other U.S. and international patents pending. ©2006 Universal Laser Systems, Inc.

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