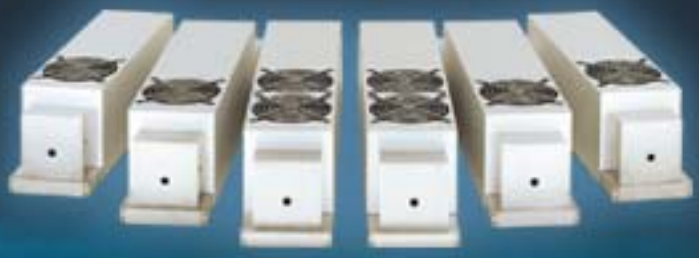
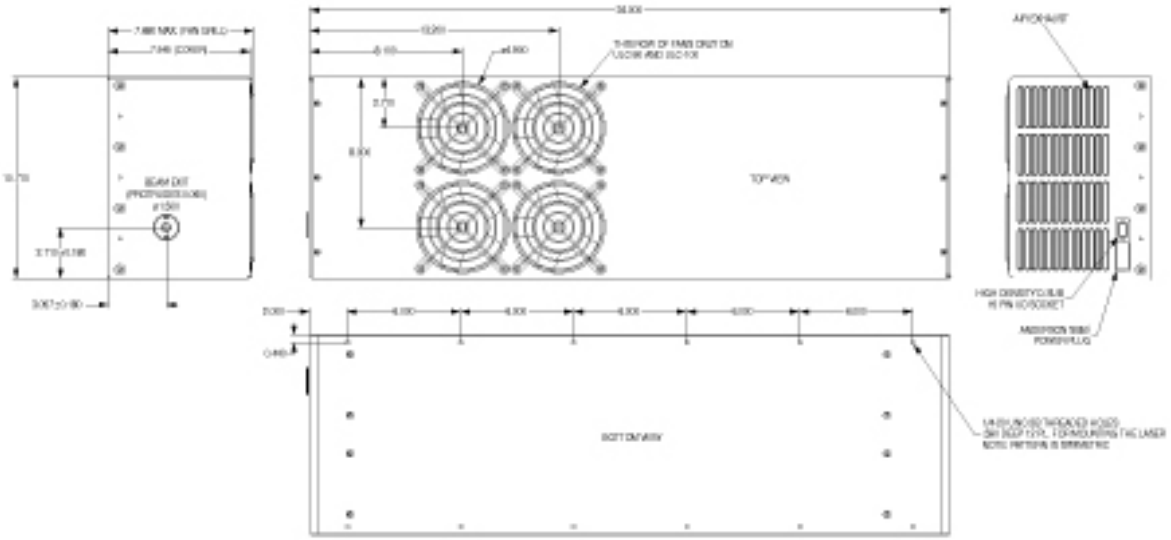
UNIVERSAL
LASER SYSTEMS INC.
Air-Cooled CO_2 Laser Technology for Industrial Applications



ULC-50 to ULC-100 Specifications



SPECIFICATIONS — ULC-70/80

Rated Power*	70 or 80 watt
Wavelength	10.6 µ
Power Stability	+/-5% after 15 minutes of CW operation
M2	1.2+/-.2
Beam Size (Near Field)	4+/-1mm
Beam Divergence (Full angle)	5+/-1mR
Beam Ellipticity (Near Field)	NA
Polarization	Random
Pointing Stability	200 µR
Optical Pulse Rise or Fall Time	120+/-40 µS
Optical Modulation	100% up to 5KHz
Modulation Signal Type	TTL Compatible
Internal Tickle	On/Off, Dipswitch Adj.
Tickle Frequency	1-6KHz
Tickle Pulse Width	0-6 µS
Cooling	Air (built in)
Weight	73lbs. (33kg)
Environmental	
Ambient Temperature (Operational)	50-95 ° F (10-35℃)
Relative Humidity	<90% (Non-condensing)
Power Requirements	
DC Input Voltage	48.0 VDC
RMS Current (CW, Including Fan)	28 A
Inrush Current	140 A, 150 µS

光技術をサポートする
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