

9.3 μm Series Lasers

Sealed CO₂ Lasers - 9.3 μm wavelength

Model	48-1-93	48-2-93	V30-93
Output Power (W)	8	18	20
Wavelength (μm)	9.23-9.31	9.23-9.31	9.23-9.31
Mode Quality (M ²)	<1.2	<1.2	<1.4
Beam Diameter (mm)	3.5	3.5	2.5
Beam Divergence (mRad, full angle)	4	4	7
Power Stability	± 15	± 7	± 7
Polarization	linear	linear	linear
Cooling	water	water	air
Heat Load (W)	300	500	550
Flow Rate (GPM)	0.5	0.8	N/A
Water Temperature ($^{\circ}\text{C}$)	18-22	18-22	N/A
Input Voltage (VDC)	30	30	30
Current (A)	8	16	18
Dimensions (in)	16.85 x 2.80 x 4.15	31.85 x 2.80 x 4.15	16.8 x 4.6 x 5.8
(mm)	428 x 71 x 105	809 x 71 x 105	428 x 117 x 146
Weight (lbs)	9 (4.1 kg)	18 (8.2 kg)	18 (8.2 kg)

Specifications subject to change without notice

