

CLIMBING ACTIVITIES ARE INHERENTLY DANGEROUS
SUPERVISION IS LIMITED | BE AWARE | CLIMB WITH CARE

HIVE CLIMBING
LEAD CLIMBING
WEIGHT DISCREPANCIES

CLIMBER SHOULD NOT EXCEED 150% OF BELAYER'S WEIGHT
 Climbing partners exceeding 130% weight discrepancies, please see the front desk for an OHM

WEIGHT OF BELAYER	WEIGHT OF CLIMBER percentage of belayer's weight		
lbs kgs	'SAFE' RANGE up to 130%	CAUTION REQ'D 130% – 150%	DANGER ZONE 150% +
100 45	130 59	130-150 59 - 68.25	≥ 151 ≥ 68.5
110 50	143 65	143-165 65 - 74.75	≥ 166 ≥ 75.25
120 54.5	156 70.75	156-180 70.75 - 81.5	≥ 180 ≥ 81.5
130 59	169 76.5	169-195 76.5 - 88.5	≥ 196 ≥ 89
140 63.5	182 82.5	182-210 82.5 - 95.25	≥ 211 ≥ 95.75
150 68	195 88.5	195-225 88.5 - 102	≥ 225 ≥ 102
160 72.5	208 94.25	208-241 94.25 - 109.25	≥ 241 ≥ 109.25

This chart is to alert you to the dangers of large weight discrepancies between climbing partners. "Danger Zone" weight differences can result in severe injury or even death of the belayer and/or climber in the case of a fall by the climber. This risk may be mitigated by use of an OHM device (available on loan from the front desk).

If you and your climbing partner are in the "Caution" or "Danger Zone" range of weigh discrepancies, please see the front desk for an OHM. If you are unsure of the proper way to use an OHM device, please ensure you receive instruction from a trained staff member prior to use.

Please consider weight differences before starting up a lead climb. Staff reserve the right to stop climbers to correct any potential hazardous actions by climbers, at the staff's sole discretion.