

FLSmidth Knelson A Division of FLSmidth Ltd.

19855 98 Ave. • Langley • British Columbia • Canada • V1M 2X5 Tel +1 604 888 4015 • Fax +1 604 888 4013 knelson@flsmidth.com www.flsmidth.com • www.knelson.com

Date: Jan. 21, 2013

DWG. No. A01532H

Knelson Concentrator Model KC-CD12 Specification Sheet

Maximum Feed Capacity

Maximum Total Volumetric Throughput

27m3/hr (120USgpm) Maximum: 6mm; Recommended: 2mm

Feed Size

0 - 75% Solids by weight

Feed Density

Minimum Air Flow Required (Auto Piping Only)

5.1m3/hr (3ft3/min) @ 600kPa (90psi)

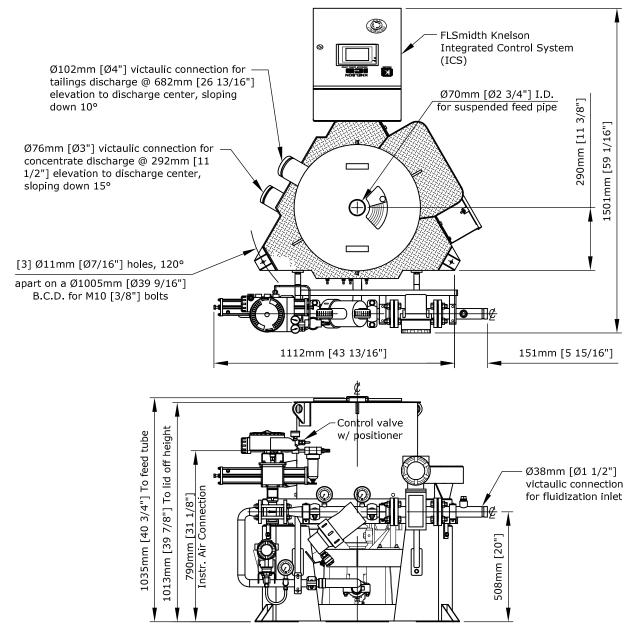
20 tonnes/hr Solids

260kg (580lbs)

Concentrator Installation Weight

1.5 - 3.8kW (2 - 5HP) - Electric

Cone Style	Fluidization Water m³/hr (USgpm)	Concentrate Weight kg (lb)	G-Force Range G's
G4	6 (25) - 9 (40)	5 (11) - 7 (14)	60
G5	3 (15) - 6 (25)	2.7 (6) - 3.4 (7.6)	60
G6	6 (25) - 10 (45)	5 (11) - 7 (14)	60 - 150
G7	4 (18) - 8 (35)	6 (13) - 9 (19)	60 - 150





- Specifications subject to change without notice.

- All piping to concentrator to be flexible to allow for slight oscillation of unit during operation.

- Consult FLSmidth Knelson for more detailed operating parameters for your specific application.

