

**RICKARD****VARIABLE VOLUME LINEAR BAR CEILING DIFFUSERS (VLB1)****PERFORMANCE DATA**

VLB 600 - FULLY OPEN - HORIZONTAL & VERTICAL FLOW						
NECK TOTAL PRESSURE (Pa)	10	20	30	40	50	60
FLOW (l/s)	27	39	49	58	65	71
THROW (m)	5,1	7,5	8,3	9,1	9,3	10,2

VLB 900 - FULLY OPEN - HORIZONTAL & VERTICAL FLOW						
NECK TOTAL PRESSURE (Pa)	10	20	30	40	50	60
FLOW (l/s)	43	62	78	90	100	110
THROW (m)	3,2	5,4	6,9	7,9	8,1	9,2

VLB 1200 - FULLY OPEN - HORIZONTAL & VERTICAL FLOW						
NECK TOTAL PRESSURE (Pa)	10	20	30	40	50	60
FLOW (l/s)	54	80	99	115	129	140
THROW (m)	3,0	3,9	4,5	4,9	5,2	5,3

VLB 1500 - FULLY OPEN - HORIZONTAL & VERTICAL FLOW						
NECK TOTAL PRESSURE (Pa)	10	20	30	40	50	60
FLOW (l/s)	69	100	124	143	161	176
THROW (m)	3,0	3,8	4,1	4,5	4,9	5,3

Throw is measured 25mm below the ceiling following a line through the centre of the diffuser at the point at which the air velocity reaches 0.25m/s.

Performance Data applies to Standard Air having a density of 1.2 kg/m³.