

Eagle 705/755 Wind Tolerant Rotor Series

Performance Charts

EAGLE™ 705E Zero-Wind Performance Data - U.S.						
Wind Tolerant Nozzles	#16 GRAY		#18 RED		#22 BLACK	
Base Pressure (psi)	Range (ft)	Flow (gpm)	Range (ft)	Flow (gpm)	Range (ft)	Flow (gpm)
60	56	16.3	58	19.0	-	-
70	56	17.5	61	20.9	-	-
80	60	18.5	65	22.3	65	34.8
90	62	20.2	65	23.2	67	38.8
100	63	21.1	65	24.2	71	40.5

Data reflects no pressure regulation.

EAGLE™ 705E Zero-Wind Performance Data - Metric						
Wind Tolerant Nozzles	#16 GRAY		#18 RED		#22 BLACK	
Base Pressure (bars)	Range (m)	Flow (lps)	Range (m)	Flow (lps)	Range (m)	Flow (lps)
4,1	17,1	1,03	17,7	1,20	-	-
4,8	17,1	1,10	18,6	1,32	-	-
5,5	18,3	1,16,	19,8	1,41	19,8	2,20
6,2	18,9	1,27	19,8	1,46	20,4	2,45
6,9	19,2	1,33	19,8	1,52	21,6	2,56

Data reflects no pressure regulation.

EAGLE™ 755E Zero-Wind Performance Data - U.S.						
Wind Tolerant Nozzles	#16 GRAY		#18 RED		#22 BLACK	
Base Pressure (psi)	Range (ft)	Flow (gpm)	Range (ft)	Flow (gpm)	Range (ft)	Flow (gpm)
60	60	15.7	63	18.8	-	-
70	62	16.7	63	20.0	-	-
80	62	17.8	65	21.4	65	35.8
90	64	18.8	67	22.7	67	37.6
100	66	20.4	67	24.0	71	41.1

Data reflects no pressure regulation.

EAGLE™ 755E Zero-Wind Performance Data - Metric						
Wind Tolerant Nozzles	#16 GRAY		#18 RED		#22 BLACK	
Base Pressure (bars)	Range (m)	Flow (lps)	Range (m)	Flow (lps)	Range (m)	Flow (lps)
4,1	18,3	0,99	19,2	1,19	-	-
4,8	18,9	1,05	19,2	1,26	-	-
5,5	18,9	1,12	19,8	1,35	19,8	2,26
6,2	19,5	1,19	20,4	1,43	20,4	2,37
6,9	20,1	1,29	20,4	1,51	21,6	2,59

Data reflects no pressure regulation.

Notes:

- Recommended for use on sites experiencing continuous high wind conditions of 4 mph (6,5 kmph) or more.
- For best results, it is recommended to use rotors in triangular spacing.
- The range and flow data is for zero-wind condition only. Users should apply their experience and judgment to reduce the range of throw and space the rotors suitably according to the local wind conditions.