

Slit Air Nozzle Square type



Able to blow more air than the standard type

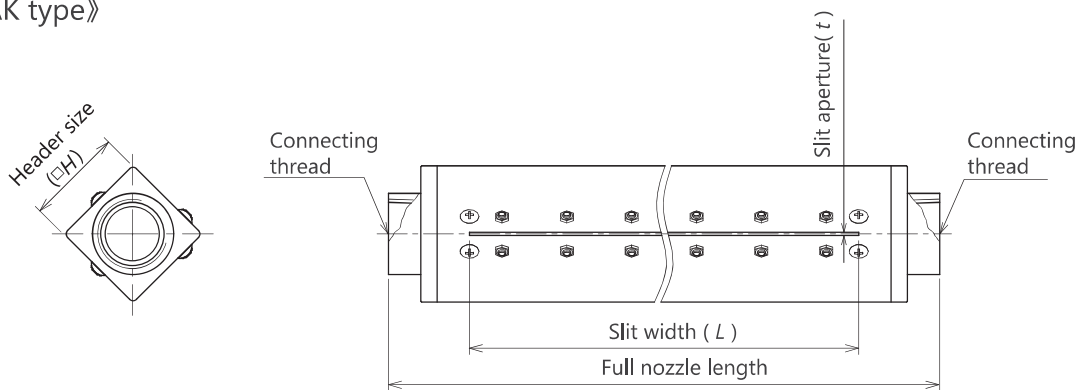


● 304 Stainless steel



Shapes and dimensions

《KAK type》



Slit width L [mm]	Max. service pressure [kPa]	Max. air flow rate [m ³ /min(nor)]	Heatproof temp. [°C]	Weight [kg] for the following header sizes H [mm]				
				35	46	60	75	100
500	50	8.2	80	1.7	2.6	4.0	5.4	–
1000	50	16.3	80	3.0	4.8	7.2	9.5	13.4
1500	50	24.5	80	4.3	7.0	10.4	13.6	18.8
2000	50	32.7	80	5.7	9.2	13.7	17.8	24.2
2400	50	39.2	80	6.8	11.0	16.2	21.1	28.5

● These values of maximum air flow rate are based on the assumption that the slit aperture is 1.0 mm.

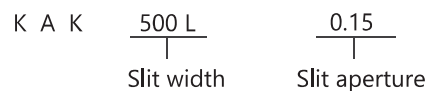
〈Standard shape〉

Header size H [mm]	Connecting thread	Entire length of the nozzle [mm]
35	Rc 3/4	L + 80
46	Rc 1	L + 90
60	Rc 1 1/4	L + 100
75	Rc 2	L + 100
100	Rc 2 1/2	L + 110

〈Header size H〉

Slit width L [mm]	Header size H [mm] at following slit aperture [mm]				
	0.15	0.3	0.5	0.8	1.0
500	35	35	46	46	75
1000	35	35	46	60	75
1500	35	46	60	75	75
2000	35	60	75	75	100
2400	46	60	75	100	100

● Model and model number representing

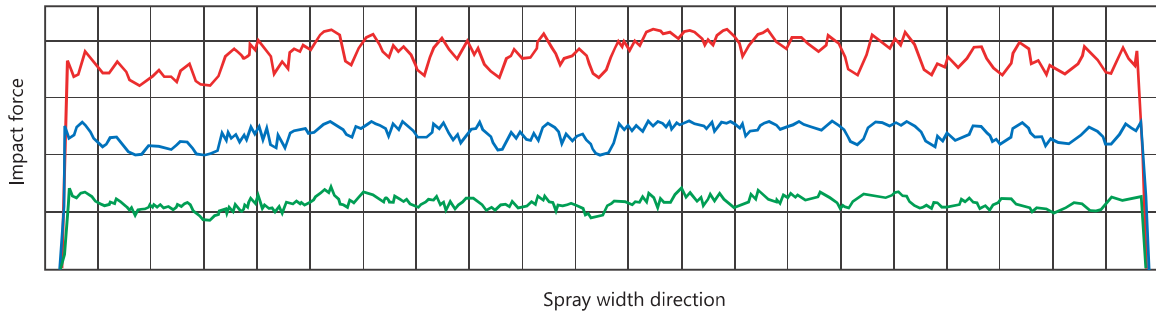


Performance data

Impact force distribution

Nozzle model number : KAK 1200L 0.15
 Spray distance : 5 mm

- Air pressure : 30 kPa ; air flow rate : 2276 L/min (nor)
- Air pressure : 20 kPa ; air flow rate : 1859 L/min (nor)
- Air pressure : 10 kPa ; air flow rate : 1314 L/min (nor)



Air flow rate characteristics

Slit width L [mm]	Slit aperture t [mm]	Air flow rate [L/min(nor)] at the following air pressures [kPa]					
		5	10	20	30	40	50
500	0.15	387	547	774	948	1095	1224
	0.3	774	1095	1549	1897	2190	2449
	0.5	1290	1825	2582	3161	3649	4082
	0.8	2064	2919	4131	5058	5839	6531
	1.0	2580	3649	5163	6323	7299	8163
1000	0.15	774	1095	1549	1897	2190	2449
	0.3	1548	2190	3098	3794	4379	4898
	0.5	2580	3649	5163	6323	7299	8163
	0.8	4128	5839	8261	10117	11678	13061
	1.0	5160	7299	10326	12646	14597	16326
1500	0.15	1161	1642	2323	2845	3284	3673
	0.3	2322	3284	4647	5691	6569	7347
	0.5	3870	5474	7745	9484	10948	12245
	0.8	6192	8758	12392	15175	17517	19592
	1.0	7740	10948	15490	18969	21896	24490
2000	0.15	1548	2190	3098	3794	4379	4898
	0.3	3096	4379	6196	7588	8758	9796
	0.5	5160	7299	10326	12646	14597	16326
	0.8	8256	11678	16522	20233	23356	26122
	1.0	10319	14597	20653	25292	29194	32653
2400	0.15	1858	2628	3718	4553	5255	5878
	0.3	3715	5255	7435	9105	10510	11755
	0.5	6192	8758	12392	15175	17517	19592
	0.8	9907	14013	19827	24280	28027	31347
	1.0	12383	17517	24783	30350	35033	39183