

Tel: +86-21-59261565 / 52045569						
						
HVVL	HVV	HU	U	HU-CER	TPU	NFS
1/8 to 1/4 ,with filter	1/8 to 1/4	1/8 to 3/4	1 to 2	1/8 to 1/4 6505-6550	Dia.: 15mm, Height: 9.6mm	1/8", 1/4", 3/8"
		 _____ spray tip  _____ seal ring  _____ body			 _____ TPU tip  _____ retainer  _____ filter  _____ body	
QJV-C		SJV-C				
Quick-connect flat fan 1/4"		Unijet flat fan 1/4", 3/8"				

Ordering Information :

Thread size	Style No.	Material	Flow Code
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Example

1/4"	HVV	316SS	6510
Thread size	Style No.	Material	Angle+Flow Code

Performance Data

Spray angle	Flow Code	Orifice Dia.	Flow Rate (L/min)											Spray Angle
			1 (us gal) = 3.785 L ; 1 (uk gal) = 4.546 L											
			0.3 bar	1 bar	2 bar	3bar	4bar	5bar	6bar	7bar	10bar	20bar	35bar	3 bar
110°	11001	0.66	0.12	0.23	0.32	0.39	0.46	0.51	0.56	0.6	0.72	1.0	1.3	110°
	11015	0.79	0.19	0.34	0.48	0.59	0.68	0.76	0.84	0.90	1.1	1.5	2.0	
	11002	0.91	0.25	0.46	0.64	0.79	0.91	1.0	1.1	1.2	1.4	2	2.7	
	11003	1.1	0.37	0.68	0.97	1.2	1.4	1.5	1.7	1.8	2.2	3.1	4.0	
	11004	1.3	0.5	0.91	1.3	1.6	1.8	2.0	2.2	2.4	2.9	4.1	5.4	
	11005	1.4	0.62	1.1	1.6	2.0	2.3	2.5	2.8	3	3.6	5.1	6.7	
	11006	1.6	0.75	1.4	1.9	2.4	2.7	3.1	3.3	3.6	4.3	6.1	8.1	
	11008	1.8	1.0	1.8	2.6	3.2	3.6	4.1	4.5	4.8	5.8	8.2	10.8	
	11010	2.0	1.2	2.3	3.2	3.9	4.6	5.1	5.6	6.0	7.2	10.2	13.5	
	11015	2.4	1.9	3.4	4.8	5.9	6.8	7.6	8.4	9.0	10.8	15.3	20	
	11020	2.8	2.5	4.6	6.5	7.9	9.1	10.2	11.2	12.1	14.4	20	27	
95°	Flow Code	Orifice Dia	0.3 bar	1 bar	2 bar	3bar	4bar	5bar	6bar	7bar	10bar	20bar	35bar	Spray Angle (3bar)
	950050	0.46		0.11	0.16	0.2	0.23	0.25	0.28	0.3	0.36	0.51	0.67	95°
	9501	0.66	0.12	0.23	0.32	0.39	0.46	0.51	0.56	0.6	0.72	1.0	1.3	
	95015	0.79	0.19	0.34	0.48	0.59	0.68	0.76	0.84	0.90	1.1	1.5	2.0	
	9502	0.91	0.25	0.46	0.64	0.79	0.91	1.0	1.1	1.2	1.4	2	2.7	
	9503	1.1	0.37	0.68	0.97	1.2	1.4	1.5	1.7	1.8	2.2	3.1	4.0	
	9504	1.3	0.5	0.91	1.3	1.6	1.8	2.0	2.2	2.4	2.9	4.1	5.4	
	9505	1.4	0.62	1.1	1.6	2.0	2.3	2.5	2.8	3	3.6	5.1	6.7	
	9506	1.6	0.75	1.4	1.9	2.4	2.7	3.1	3.3	3.6	4.3	6.1	8.1	
	9508	1.8	1.0	1.8	2.6	3.2	3.6	4.1	4.5	4.8	5.8	8.2	10.8	
	9510	2.0	1.2	2.3	3.2	3.9	4.6	5.1	5.6	6.0	7.2	10.2	13.5	
	9515	2.4	1.9	3.4	4.8	5.9	6.8	7.6	8.4	9.0	10.8	15.3	20	
	9520	2.8	2.5	4.6	6.5	7.9	9.1	10.2	11.2	12.1	14.4	20	27	
	9530	3.6	3.7	6.8	9.7	11.8	13.7	15.3	16.7	18.1	22	31	40	
	9540	4.0	5.0	9.1	12.9	15.8	18.2	20.0	22	24	29	41	54	
	9550	4.4	6.2	11.4	16.1	19.7	23	25	28	30	36	51	68	
	9560	4.8	7.5	13.7	19.3	24	27	31	33	36	43	61	81	
	9570	5.2	8.7	16	23	28	32	36	39	42	50	70	94	
	95100	6.4	12.5	23	32	39	46	51	56	60.0	72	102	135	
	95150	7.5	18.7	34	48	59	68	76	84	90.0	108	153	205	
80°	Flow Code	Orifice Dia	0.3 bar	1 bar	2 bar	3bar	4bar	5bar	6bar	7bar	10bar	20bar	35bar	Spray Angle (3bar)
	800050	0.46		0.11	0.16	0.2	0.23	0.25	0.28	0.3	0.36	0.51	0.67	80°
	800067	0.53		0.15	0.22	0.26	0.31	0.34	0.37	0.4	0.48	0.68	0.9	
	8001	0.66	0.12	0.23	0.32	0.39	0.46	0.51	0.56	0.6	0.72	1.0	1.3	
	80015	0.79	0.19	0.34	0.48	0.59	0.68	0.76	0.84	0.90	1.1	1.5	2.0	
	8002	0.91	0.25	0.46	0.64	0.79	0.91	1.0	1.1	1.2	1.4	2	2.7	
	8003	1.1	0.37	0.68	0.97	1.2	1.4	1.5	1.7	1.8	2.2	3.1	4.0	
	8004	1.3	0.5	0.91	1.3	1.6	1.8	2.0	2.2	2.4	2.9	4.1	5.4	
	8005	1.4	0.62	1.1	1.6	2.0	2.3	2.5	2.8	3	3.6	5.1	6.7	
	8006	1.6	0.75	1.4	1.9	2.4	2.7	3.1	3.3	3.6	4.3	6.1	8.1	
	8008	1.8	1.0	1.8	2.6	3.2	3.6	4.1	4.5	4.8	5.8	8.2	10.8	
	8010	2.0	1.2	2.3	3.2	3.9	4.6	5.1	5.6	6.0	7.2	10.2	13.5	
	8015	2.4	1.9	3.4	4.8	5.9	6.8	7.6	8.4	9.0	10.8	15.3	20	
	8020	2.8	2.5	4.6	6.5	7.9	9.1	10.2	11.2	12.1	14.4	20	27	
	8030	3.6	3.7	6.8	9.7	11.8	13.7	15.3	16.7	18.1	22	31	40	
	8040	4.0	5.0	9.1	12.9	15.8	18.2	20.0	22	24	29	41	54	
	8050	4.4	6.2	11.4	16.1	19.7	23	25	28	30	36	51	68	
	8060	4.8	7.5	13.7	19.3	24	27	31	33	36	43	61	81	
	8070	5.2	8.7	16	23	28	32	36	39	42	50	70	94	
	80100	6.4	12.5	23	32	39	46	51	56	60.0	72	102	135	
	80150	7.5	18.7	34	48	59	68	76	84	90.0	108	153	205	
	80200	8.7	25	46	64	79	91	102	112	121	144	205	270	
	80400	12.7	50	91	129	158	182	205	225	240.0	290	410	540	

	Flow Code	Orifice Dia	0.3 bar	1 bar	2 bar	3bar	4bar	5bar	6bar	7bar	10bar	20bar	35bar	Spray Angle (3bar)
73°	730077	0.56		0.18	0.25	0.3	0.35	0.39	0.43	0.46	0.55	0.78	1.0	73°
	730154	0.81	0.19	0.35	0.5	0.61	0.7	0.78	0.86	0.93	1.1	1.6	2.1	
	730231	1.0	0.29	0.53	0.74	0.91	1.1	1.2	1.3	1.4	1.7	2.4	3.1	
	730308	1.1	0.38	0.7	0.99	1.2	1.4	1.6	1.7	1.90	2.2	3.1	4.2	
	730462	1.4	0.58	1.1	1.5	1.8	2.1	2.4	2.6	2.8	3.3	4.7	6.2	
	730770	1.8	0.96	1.8	2.5	3.0	3.5	3.9	4.3	4.6	5.5	7.8	10.4	
65°	Flow Code	Orifice Dia	0.3 bar	1 bar	2 bar	3bar	4bar	5bar	6bar	7bar	10bar	20bar	35bar	Spray Angle (3bar)
	650017	0.28			0.05	0.06	0.07	0.08	0.09	0.1	0.12	0.17	0.23	65°
	650033	0.38			0.11	0.13	0.15	0.17	0.18	0.2	0.24	0.34	0.44	
	650050	0.46		0.11	0.16	0.2	0.23	0.25	0.28	0.3	0.36	0.51	0.67	
	650067	0.53		0.15	0.22	0.26	0.31	0.34	0.37	0.4	0.48	0.68	0.9	
	6501	0.66	0.12	0.23	0.32	0.39	0.46	0.51	0.56	0.6	0.72	1.0	1.3	
	65015	0.79	0.19	0.34	0.48	0.59	0.68	0.76	0.84	0.90	1.1	1.5	2.0	
	6502	0.91	0.25	0.46	0.64	0.79	0.91	1.0	1.1	1.2	1.4	2	2.7	
	6503	1.1	0.37	0.68	0.97	1.2	1.4	1.5	1.7	1.8	2.2	3.1	4.0	
	6504	1.3	0.5	0.91	1.3	1.6	1.8	2.0	2.2	2.4	2.9	4.1	5.4	
	6505	1.4	0.62	1.1	1.6	2.0	2.3	2.5	2.8	3	3.6	5.1	6.7	
	6506	1.6	0.75	1.4	1.9	2.4	2.7	3.1	3.3	3.6	4.3	6.1	8.1	
	6508	1.8	1.0	1.8	2.6	3.2	3.6	4.1	4.5	4.8	5.8	8.2	10.8	
	6510	2.0	1.2	2.3	3.2	3.9	4.6	5.1	5.6	6.0	7.2	10.2	13.5	
	6515	2.4	1.9	3.4	4.8	5.9	6.8	7.6	8.4	9.0	10.8	15.3	20	
	6520	2.8	2.5	4.6	6.5	7.9	9.1	10.2	11.2	12.1	14.4	20	27	
	6530	3.6	3.7	6.8	9.7	11.8	13.7	15.3	16.7	18.1	22	31	40	
	6540	4.0	5.0	9.1	12.9	15.8	18.2	20.0	22	24	29	41	54	
	6550	4.4	6.2	11.4	16.1	19.7	23	25	28	30	36	51	68	
	6560	4.8	7.5	13.7	19.3	24	27	31	33	36	43	61	81	
	6570	5.2	8.7	16	23	28	32	36	39	42	50	70	94	
	65100	6.4	12.5	23	32	39	46	51	56	60.0	72	102	135	
	65150	7.5	18.7	34	48	59	68	76	84	90.0	108	153	205	
	65200	8.7	25	46	64	79	91	102	112	121	144	205	270	
50°	Flow Code	Orifice Dia	0.3 bar	1 bar	2 bar	3bar	4bar	5bar	6bar	7bar	10bar	20bar	35bar	Spray Angle (3bar)
	5001	0.66	0.12	0.23	0.32	0.39	0.46	0.51	0.56	0.6	0.72	1.0	1.3	50°
	50015	0.79	0.19	0.34	0.48	0.59	0.68	0.76	0.84	0.90	1.1	1.5	2.0	
	5002	0.91	0.25	0.46	0.64	0.79	0.91	1.0	1.1	1.2	1.4	2	2.7	
	5003	1.1	0.37	0.68	0.97	1.2	1.4	1.5	1.7	1.8	2.2	3.1	4.0	
	5004	1.3	0.5	0.91	1.3	1.6	1.8	2.0	2.2	2.4	2.9	4.1	5.4	
	5005	1.4	0.62	1.1	1.6	2.0	2.3	2.5	2.8	3	3.6	5.1	6.7	
	5006	1.6	0.75	1.4	1.9	2.4	2.7	3.1	3.3	3.6	4.3	6.1	8.1	
	5008	1.8	1.0	1.8	2.6	3.2	3.6	4.1	4.5	4.8	5.8	8.2	10.8	
	5010	2.0	1.2	2.3	3.2	3.9	4.6	5.1	5.6	6.0	7.2	10.2	13.5	
	5015	2.4	1.9	3.4	4.8	5.9	6.8	7.6	8.4	9.0	10.8	15.3	20	
	5020	2.8	2.5	4.6	6.5	7.9	9.1	10.2	11.2	12.1	14.4	20	27	
	5030	3.6	3.7	6.8	9.7	11.8	13.7	15.3	16.7	18.1	22	31	40	
	5040	4.0	5.0	9.1	12.9	15.8	18.2	20.0	22	24	29	41	54	
	5050	4.4	6.2	11.4	16.1	19.7	23	25	28	30	36	51	68	
	5060	4.8	7.5	13.7	19.3	24	27	31	33	36	43	61	81	
	5070	5.2	8.7	16	23	28	32	36	39	42	50	70	94	
	50100	6.4	12.5	23	32	39	46	51	56	60.0	72	102	135	
	50150	7.5	18.7	34	48	59	68	76	84	90.0	108	153	205	
	50200	8.7	25	46	64	79	91	102	112	121	144	205	270	
40°	Flow Code	Orifice Dia	0.3 bar	1 bar	2 bar	3bar	4bar	5bar	6bar	7bar	10bar	20bar	35bar	Spray Angle (3bar)
	4001	0.66		0.23	0.32	0.39	0.46	0.51	0.56	0.6	0.72	1.0	1.3	40°
	40015	0.79		0.34	0.48	0.59	0.68	0.76	0.84	0.90	1.1	1.5	2.0	
	4002	0.91		0.46	0.64	0.79	0.91	1.0	1.1	1.2	1.4	2	2.7	
	4003	1.1		0.68	0.97	1.2	1.4	1.5	1.7	1.8	2.2	3.1	4.0	
	4004	1.3	0.5	0.91	1.3	1.6	1.8	2.0	2.2	2.4	2.9	4.1	5.4	
	4005	1.4	0.62	1.1	1.6	2.0	2.3	2.5	2.8	3	3.6	5.1	6.7	
	4006	1.6	0.75	1.4	1.9	2.4	2.7	3.1	3.3	3.6	4.3	6.1	8.1	
	4008	1.8	1.0	1.8	2.6	3.2	3.6	4.1	4.5	4.8	5.8	8.2	10.8	
	4010	2.0	1.2	2.3	3.2	3.9		5.1	5.6	6.0	7.2	10.2	13.5	
	4015	2.4	1.9	3.4	4.8	5.9	6.8	7.6	8.4	9.0	10.8	15.3	20	
	4020	2.8	2.5	4.6	6.5	7.9	9.1	10.2	11.2	12.1	14.4	20	27	
	4030	3.6	3.7	6.8	9.7	11.8	13.7	15.3	16.7	18.1	22	31	40	
	4040	4.0	5.0	9.1	12.9	15.8	18.2	20.0	22	24	29	41	54	
	4050	4.4	6.2	11.4	16.1	19.7	23	25	28	30	36	51	68	
	4060	4.8	7.5	13.7	19.3	24	27	31	33	36	43	61	81	
	4070	5.2	8.7	16	23	28	32	36	39	42	50	70	94	
	40100	6.4	12.5	23	32	39	46	51	56	60.0	72	102	135	
	40150	7.5	18.7	34	48	59	68	76	84	90.0	108	153	205	
	40200	8.7	25	46	64	79	91	102	112	121	144	205	270	

	Flow Code	Orifice Dia	0.3 bar	1 bar	2 bar	3bar	4bar	5bar	6bar	7bar	10bar	20bar	35bar	Spray Angle (3bar)
25°	2501	0.66			0.32	0.39	0.46	0.51	0.56	0.6	0.72	1.0	1.3	25°
	25015	0.79			0.48	0.59	0.68	0.76	0.84	0.90	1.1	1.5	2.0	
	2502	0.91		0.46	0.64	0.79	0.91	1.0	1.1	1.2	1.4	2	2.7	
	2503	1.1		0.68	0.97	1.2	1.4	1.5	1.7	1.8	2.2	3.1	4.0	
	2504	1.3		0.91	1.3	1.6	1.8	2.0	2.2	2.4	2.9	4.1	5.4	
	2505	1.4		1.1	1.6	2.0	2.3	2.5	2.8	3	3.6	5.1	6.7	
	2506	1.6		1.4	1.9	2.4	2.7	3.1	3.3	3.6	4.3	6.1	8.1	
	2508	1.8		1.8	2.6	3.2	3.6	4.1	4.5	4.8	5.8	8.2	10.8	
	2510	2.0	1.2	2.3	3.2	3.9	4.6	5.1	5.6	6.0	7.2	10.2	13.5	
	2515	2.4	1.9	3.4	4.8	5.9	6.8	7.6	8.4	9.0	10.8	15.3	20	
	2520	2.8	2.5	4.6	6.5	7.9	9.1	10.2	11.2	12.1	14.4	20	27	
	2530	3.6	3.7	6.8	9.7	11.8	13.7	15.3	16.7	18.1	22	31	40	
	2540	4.0	5.0	9.1	12.9	15.8	18.2	20.0	22	24	29	41	54	
	2550	4.4	6.2	11.4	16.1	19.7	23	25	28	30	36	51	68	
	2560	4.8	7.5	13.7	19.3	24	27	31	33	36	43	61	81	
	2570	5.2	8.7	16	23	28	32	36	39	42	50	70	94	
	25100	6.4	12.5	23	32	39	46	51	56	60.0	72	102	135	
	25150	7.5	18.7	34	48	59	68	76	84	90.0	108	153	205	
	25200	8.7	25	46	64	79	91	102	112	121	144	205	270	
	25500	13.1	62	114	161	197	230	255	280	300	360	510	680	
	25750	15.9	94	171	240	295	340	385	420	455	540	770	1010	
	251000	18.7	125	230	325	395	455	510	560	610	720	1020	1350	
15°	Flow Code	Orifice Dia	0.3 bar	1 bar	2 bar	3bar	4bar	5bar	6bar	7bar	10bar	20bar	35bar	Spray Angle (3bar)
	1501	0.66			0.32	0.39	0.46	0.51	0.56	0.6	0.72	1.0	1.3	15°
	15015	0.79			0.48	0.59	0.68	0.76	0.84	0.90	1.1	1.5	2.0	
	1502	0.91			0.64	0.79	0.91	1.0	1.1	1.2	1.4	2	2.7	
	1503	1.1			0.97	1.2	1.4	1.5	1.7	1.8	2.2	3.1	4.0	
	1504	1.3	0.5	0.91	1.3	1.6	1.8	2.0	2.2	2.4	2.9	4.1	5.4	
	1505	1.4	0.62	1.1	1.6	2.0	2.3	2.5	2.8	3	3.6	5.1	6.7	
	1506	1.6	0.75	1.4	1.9	2.4	2.7	3.1	3.3	3.6	4.3	6.1	8.1	
	1508	1.8	1.0	1.8	2.6	3.2	3.6	4.1	4.5	4.8	5.8	8.2	10.8	
	1510	2.0	1.2	2.3	3.2	3.9	4.6	5.1	5.6	6.0	7.2	10.2	13.5	
	1515	2.4	1.9	3.4	4.8	5.9	6.8	7.6	8.4	9.0	10.8	15.3	20	
	1520	2.8	2.5	4.6	6.5	7.9	9.1	10.2	11.2	12.1	14.4	20	27	
	1530	3.6	3.7	6.8	9.7	11.8	13.7	15.3	16.7	18.1	22	31	40	
	1540	4.0	5.0	9.1	12.9	15.8	18.2	20.0	22	24	29	41	54	
	1550	4.4	6.2	11.4	16.1	19.7	23	25	28	30	36	51	68	
	1560	4.8	7.5	13.7	19.3	24	27	31	33	36	43	61	81	
	150	5.2	8.7	16	23	28	32	36	39	42	50	70	94	
	15100	6.4	12.5	23	32	39	46	51	56	60.0	72	102	135	
	15150	7.5	18.7	34	48	59	68	76	84	90.0	108	153	205	
	15200	8.7	25	46	64	79	91	102	112	121	144	205	270	
	15250	9.5	31	57	81	99	114	127	140	151	180	255	340	
	15500	13.1	62	114	161	197	230	255	280	300	360	510	680	
	15750	15.9	94	171	240	295	340	385	420	455	540	770	1010	
	151000	18.7	125	230	325	395	455	510	560	610	720	1020	1350	
0°	Flow Code	Orifice Dia	0.3 bar	1 bar	2 bar	3bar	4bar	5bar	6bar	7bar	10bar	20bar	35bar	Spray Angle (3bar)
	0003	1.0	0.37	0.68	0.97	1.2	1.4	1.5	1.7	1.8	2.2	3.1	4.0	0°
	0004	1.2	0.5	0.91	1.3	1.6	1.8	2.0	2.2	2.4	2.9	4.1	5.4	
	0005	1.3	0.62	1.1	1.6	2.0	2.3	2.5	2.8	3	3.6	5.1	6.7	
	0006	1.5	0.75	1.4	1.9	2.4	2.7	3.1	3.3	3.6	4.3	6.1	8.1	
	0008	1.7	1.0	1.8	2.6	3.2	3.6	4.1	4.5	4.8	5.8	8.2	10.8	
	0010	1.9	1.2	2.3	3.2	3.9	4.6	5.1	5.6	6.0	7.2	10.2	13.5	
	0015	2.3	1.9	3.4	4.8	5.9	6.8	7.6	8.4	9.0	10.8	15.3	20	
	0020	2.7	2.5	4.6	6.5	7.9	9.1	10.2	11.2	12.1	14.4	20	27	
	0030	3.6	3.7	6.8	9.7	11.8	13.7	15.3	16.7	18.1	22	31	40	
	0040	4.0	5.0	9.1	12.9	15.8	18.2	20.0	22	24	29	41	54	
	0050	4.4	6.2	11.4	16.1	19.7	23	25	28	30	36	51	68	
	0060	4.8	7.5	13.7	19.3	24	27	31	33	36	43	61	81	
	0070	5.2	8.7	16	23	28	32	36	39	42	50	70	94	
	00100	6.0	12.5	23	32	39	46	51	56	60.0	72	102	135	
	00150	7.5	18.7	34	48	59	68	76	84	90.0	108	153	205	
	00200	8.3	25	46	64	79	91	102	112	121	144	205	270	
	00250	9.5	31	57	81	99	114	127	140	151	180	255	340	
	00350	11.1	44	80	113	138	160	178	195	210	255	360	475	
	00700	15.5	87	160	225	275	320	355	390	420	510	720	950	
	001000	18.7	125	230	325	395	455	510	560	610	720	1020	1350	