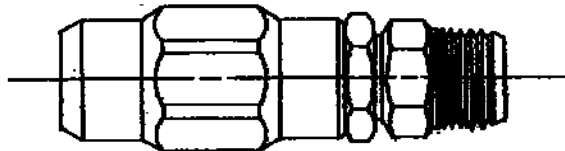
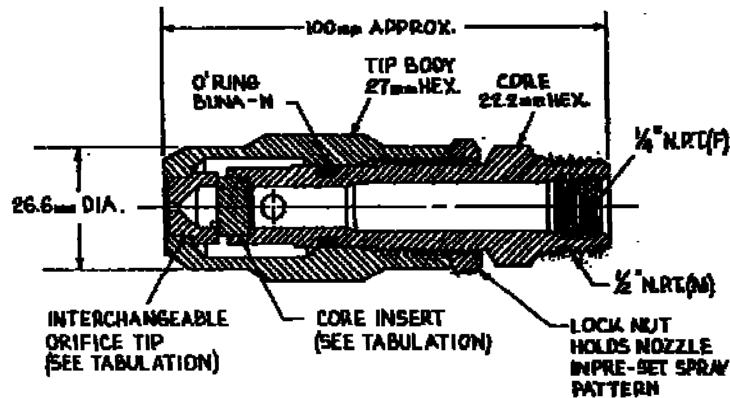


MAXIMUM RECOMMENDED LIQUID PRESSURE - 5500KPa



NOZZLE NO.	ORIFICE TIP MATERIAL	CORE INSERT MATERIAL
12430-(*)-AYHSS	HARDENED STAINLESS STEEL	HARDENED STAINLESS STEEL
12430-(*)-AYHSSC	HARDENED STAINLESS STEEL	TUNGSTEN CARBIDE

* SPECIFY TIP NUMBER DESIRED



COMPLETE RANGE OF SPRAY PATTERNS FROM HOLLOW CONE TO STRAIGHT STREAM IS OBTAINED BY:-
 (1) LOOSENING LOCKNUT SLIGHTLY AND
 (2) UNSCREWING THE TIP BODY TWO OR THREE (MAX.) TURNS FROM ITS COMPLETELY "SCREWED-BACK" POSITION.
 (3) TIGHTEN LOCKNUT SECURELY BEFORE RESUMING SPRAYING.

NOTE: DO NOT UNSCREW TIP BODY MORE THAN A TOTAL OF THREE TURNS FROM ITS COMPLETELY "SCREWED-BACK" SETTING.

TIP SETTING "A" CONE SPRAY PATTERN

TABULATION BELOW IS BASED ON A NON-RESTRICTED FLOW TO THE #12430-AYHSS-ADJUSTABLE CONEJET.



# 12430 ADJ. CONEJET WITH AYHSS TIP NO.	PERFORMANCE	LIQUID PRESSURE IN MPa (KILOPASCAL)											
		140		275		700		1400		2760		5500	
		SETTING "A"	SETTING "B"	SETTING "A"	SETTING "B"	SETTING "A"	SETTING "B"	SETTING "A"	SETTING "B"	SETTING "A"	SETTING "B"	SETTING "A"	SETTING "B"
20	CAPACITY - L / min	0.91	1.5	1.2	2.2	2.0	3.4	2.9	4.9	4.0	6.8	5.6	9.6
	SPRAY ANGLE	51°	—	58°	—	68°	—	58°	—	42°	—	31°	—
	MAX. HOR. THROW IN IN	1	10	1	10.5	1.5	11	2	11.5	2	11.5	2	12
	MAX. VERT. THROW IN IN	—	6.5	—	7.5	—	8	—	8	—	9.5	—	9
30	CAPACITY - L / min	1.3	2.4	1.9	3.4	3.0	5.3	4.3	7.6	6.0	10.6	8.4	15.1
	SPRAY ANGLE	52°	—	57°	—	65°	—	57°	—	43°	—	32°	—
	MAX. HOR. THROW IN IN	1	10.5	1.5	11	2	11.8	2	12	2	12	2.5	12.5
	MAX. VERT. THROW IN IN	—	6.5	—	7.5	—	8	—	8.5	—	9	—	9.5
45	CAPACITY - L / min	2.0	3.8	2.8	5.7	4.6	8.7	6.4	12.5	9.0	17.6	12.7	24
	SPRAY ANGLE	53°	—	58°	—	66°	—	58°	—	44°	—	33°	—
	MAX. HOR. THROW IN IN	1	11	2	11.5	2	12	2.5	12.5	2.5	13	3	13
	MAX. VERT. THROW IN IN	—	7	—	8	—	8.5	—	9	—	10	—	10
60	CAPACITY - L / min	2.7	5.1	3.8	6.7	6.1	11.6	8.5	15.3	12.0	27	16.9	36
	SPRAY ANGLE	54°	—	59°	—	65°	—	59°	—	45°	—	34°	—
	MAX. HOR. THROW IN IN	1.5	11.5	2	12	2.5	12.5	3	13	3	13	3	13.5
	MAX. VERT. THROW IN IN	—	7.5	—	8	—	9	—	10	—	10.5	—	10.5
90	CAPACITY - L / min	3.8	8.3	5.7	11.7	8.7	18.5	12.6	28	17.6	37	25	52
	SPRAY ANGLE	56°	—	61°	—	65°	—	61°	—	47°	—	37°	—
	MAX. HOR. THROW IN IN	2	12	2.5	12.5	3	13	3	13.5	3	13.5	3.5	14
	MAX. VERT. THROW IN IN	—	8	—	9	—	10	—	10.5	—	11	—	11
120	CAPACITY - L / min	5.3	10.8	7.6	15.1	12.1	24	17.0	34	24	48	33	68
	SPRAY ANGLE	58°	—	63°	—	68°	—	63°	—	49°	—	40°	—
	MAX. HOR. THROW IN IN	2	12	3	13	3	13.5	3	14	3.5	14.5	3.5	14.5
	MAX. VERT. THROW IN IN	—	8	—	9.5	—	10.5	—	11	—	11.5	—	12
180	CAPACITY - L / min	7.9	16.5	11.4	26	17.8	42	25	60	36	84	50	118
	SPRAY ANGLE	59°	—	64°	—	65°	—	65°	—	49°	—	40°	—
	MAX. HOR. THROW IN IN	2	12.5	2.5	13.5	3	14	3.5	14.5	3.5	14.5	3.5	15
	MAX. VERT. THROW IN IN	—	8	—	10	—	11	—	11.5	—	12	—	12

DESCRIPTION:

£12430 - - AYHSS - -
ADJUSTABLE CONEJET



Spraying Systems Co.[®]

Spray Nozzles and Accessories
P.O. Box 7900 - Wheaton, IL 60189-7900

Rev. No.

Data Sheet No.

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17960

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