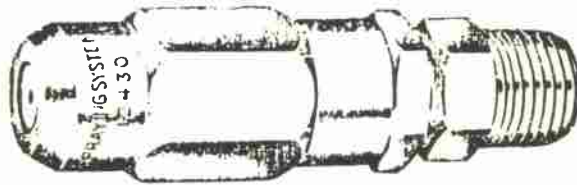
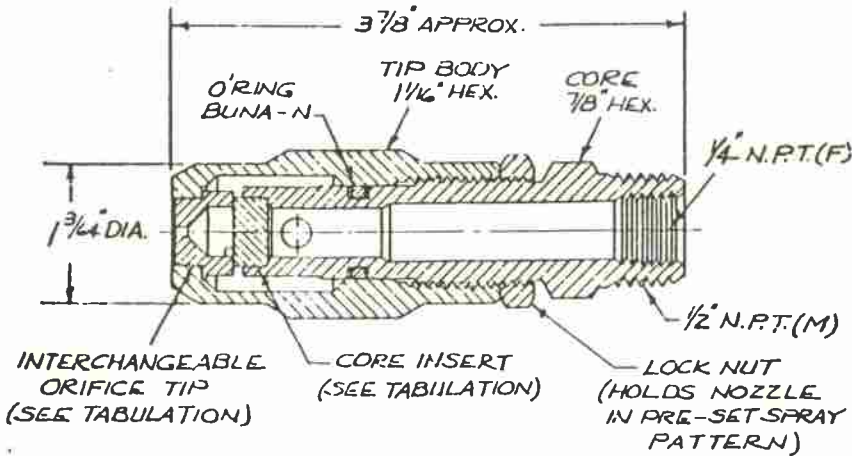


MAXIMUM RECOMMENDED LIQUID PRESSURE - 800 P.S.I.



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

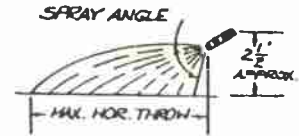
* SPECIFY TIP NUMBER DESIRED.



- COMPLETE RANGE OF SPRAY PATTERNS FROM HOLLOW CONE TO STRAIGHT STREAM IS OBTAINED BY:-
- (1) LOOSENING LOCK NUT SLIGHTLY AND
 - (2) UNSCREWING THE TIP BODY TWO OR THREE (MAX.) TURNS FROM ITS COMPLETELY "SCREWED - BACK" POSITION.
 - (3) TIGHTEN LOCK NUT 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 P.S.I. (Lbs. Per Square Inch)											
		20		40		100		200		400		800	
		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-G.P.M.	.24	.40	.33	.57	.53	.90	.75	1.27	1.06	1.8	1.5	2.54
	SPRAY ANGLE	51°	-	56°	-	65°	-	56°	-	42°	-	31°	-
	MAX. HOR. THROW	3'	33'	4'	34'	5'	36'	6'	37'	6'	38'	7'	39'
	MAX. VER. THROW	-	21'	-	24'	-	26'	-	27'	-	28'	-	29'
30	CAPACITY-G.P.M.	.35	.63	.50	.90	.79	1.4	1.12	2.0	1.58	2.8	2.23	4.0
	SPRAY ANGLE	52°	-	57°	-	65°	-	57°	-	43°	-	32°	-
	MAX. HOR. THROW	4'	35'	5'	36'	6'	38'	7'	39'	7'	40'	8'	41'
	MAX. VER. THROW	-	22'	-	25'	-	27'	-	28'	-	30'	-	31'
45	CAPACITY-G.P.M.	.53	1.0	.75	1.5	1.2	2.3	1.68	3.29	2.37	4.65	3.36	6.57
	SPRAY ANGLE	53°	-	58°	-	65°	-	58°	-	44°	-	33°	-
	MAX. HOR. THROW	4'	36'	6'	38'	7'	40'	8'	41'	8'	42'	9'	43'
	MAX. VER. THROW	-	23'	-	26'	-	28'	-	30'	-	32'	-	33'
60	CAPACITY-G.P.M.	.71	1.6	1.0	2.3	1.6	3.6	2.24	5.09	3.17	7.2	4.49	10.2
	SPRAY ANGLE	54°	-	59°	-	65°	-	59°	-	45°	-	34°	-
	MAX. HOR. THROW	5'	37'	7'	39'	8'	41'	9'	42'	9'	43'	10'	44'
	MAX. VER. THROW	-	24'	-	27'	-	30'	-	33'	-	34'	-	35'
90	CAPACITY-G.P.M.	1.0	2.2	1.5	3.1	2.3	4.9	3.29	6.95	4.65	9.93	6.57	13.9
	SPRAY ANGLE	56°	-	61°	-	65°	-	61°	-	47°	-	37°	-
	MAX. HOR. THROW	6'	39'	8'	41'	9'	43'	10'	44'	10'	45'	11'	46'
	MAX. VER. THROW	-	26'	-	29'	-	33'	-	35'	-	36'	-	37'
120	CAPACITY-G.P.M.	1.4	2.8	2.0	4.0	3.2	6.4	4.49	9.0	6.35	12.7	8.97	18
	SPRAY ANGLE	58°	-	63°	-	65°	-	63°	-	49°	-	40°	-
	MAX. HOR. THROW	7'	40'	9'	43'	9'	45'	10'	46'	11'	47'	11'	48'
	MAX. VER. THROW	-	26'	-	31'	-	35'	-	37'	-	38'	-	39'
180	CAPACITY-G.P.M.	2.1	4.9	3.0	7.0	4.7	11.0	6.65	15.7	9.4	22.1	13.3	31.2
	SPRAY ANGLE	59°	-	64°	-	65°	-	63°	-	49°	-	40°	-
	MAX. HOR. THROW	7'	41'	9'	44'	10'	46'	11'	47'	11'	48'	11'	50'
	MAX. VER. THROW	-	27'	-	32'	-	36'	-	38'	-	39'	-	40'

DESCRIPTION

#12430--AYHSS--
ADJUSTABLE CONEJET

SPRAYING SYSTEMS CO.
Engineers and Manufacturers

NORTH AVENUE AT SCHMALE ROAD • WHEATON, ILLINOIS 60187

DR. BY LR

DWG. NO. 12429

DATE 1-2-69