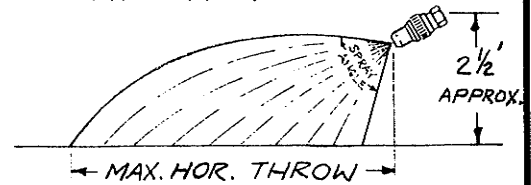
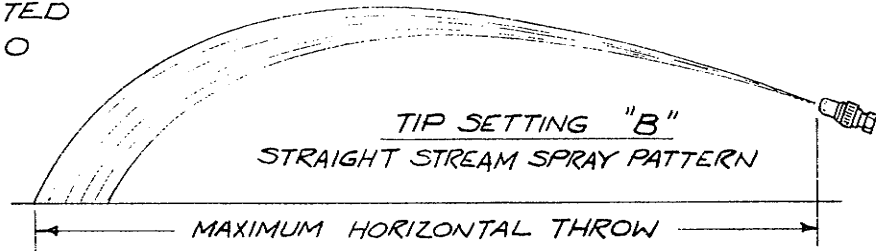


5780 ADJUSTABLE CONEJET WITH INTERCHANGEABLE AYHSS- (HARDENED STAINLESS) TIP ARE SUPPLIED TO FIT STANDARD TEEJET NOZZLE BODY OR TRIGGER TEEJET.

TIP SETTING "A"
CONE SPRAY PATTERN



TABULATION BELOW IS BASED ON A NON-RESTRICTED FLOW TO THE #5780 CONEJET.



| AYHSS TIP NO. | | 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 | 9.83 | 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 | 18.0 |
| | 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

5780 - AYHSS-
ADJUSTABLE CONEJET

SPRAYING SYSTEMS CO.
Engineers and Manufacturers

NORTH AVENUE AT SCHMALE ROAD

WHEATON, ILL.

DR. BY L. R.

DWG. NO.

DATE 6-28-62

5780-1