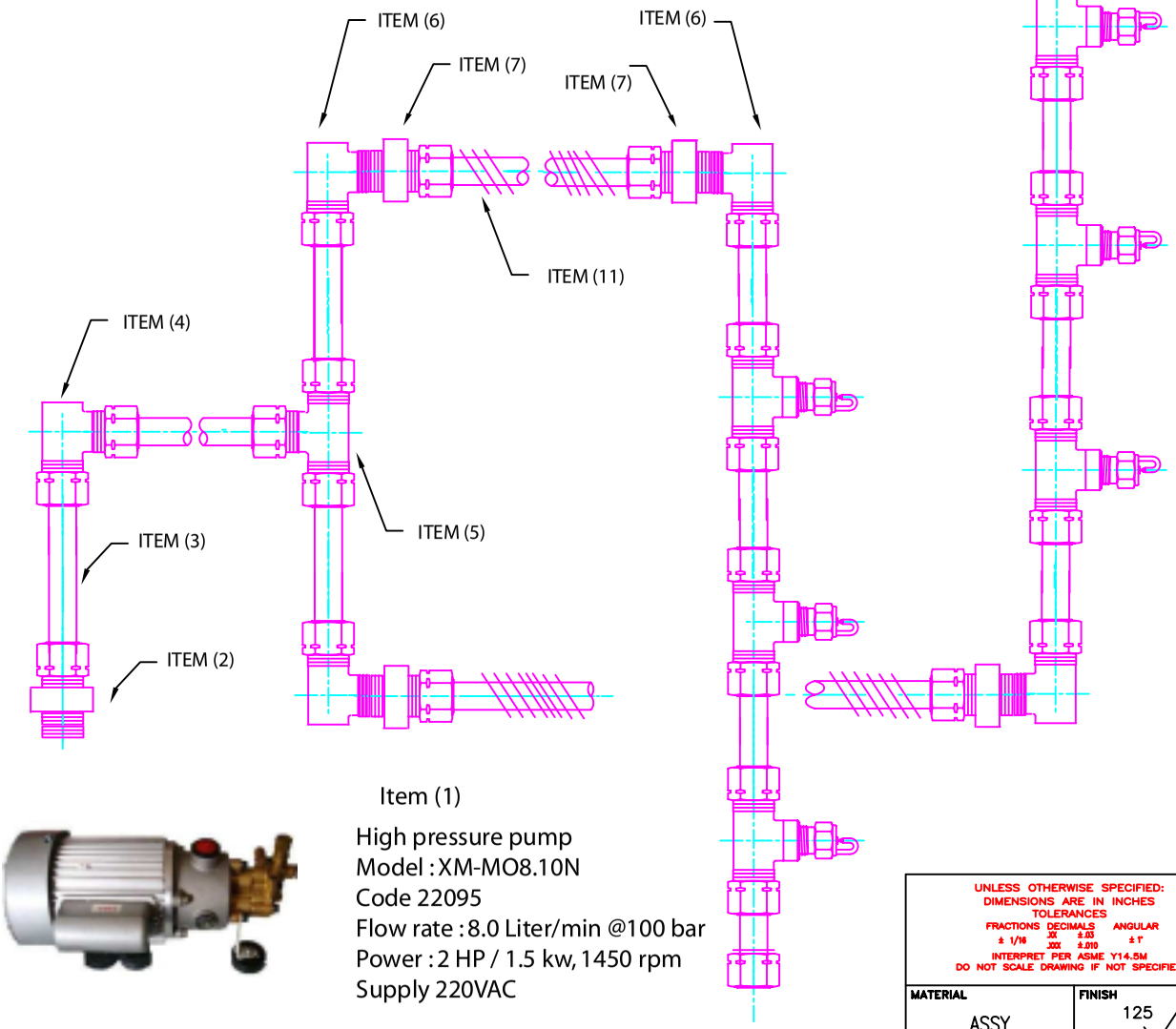
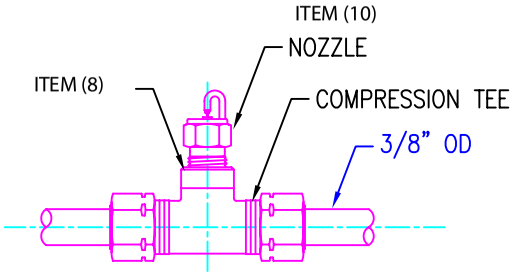
Nozzle Capacity Chart based on Water

Nozzle Number	Orifice (inch)	Flow Rate in GPM at PSI 400	800	1000	1200	1500	2000	Orifice (mm)	Flow Rate in LPM at BAR 40	60	70	80	100	140
RI-15	.006	.016	.023	.026	.028	.032	.037	.15	.072	.089	.097	.106	.119	.140

*Standard nozzle size: .006" orifice. Mass mean droplet size: 15 microns at 1000psi.



ITEM	PART NUMBER	DESCRIPTION	QTY
(1)	ZXM-M08.10N	HIGH PRESSURE PUMP 8.0 L/M @ 70 Bar	ONE
(2)		SS CONNECTOR 3/8"(M) NPT X 3/8"OD	ONE
(3)	SS TUBE	3/8"OD X 20 FT STAINLESS STEEL TUBING	ONE
(4)		3/8"OD SS UNION ELBOW	ONE
(5)		3/"8"OD UNION TEE	ONE
(6)		3/"8"OD X 3/8" FEMALE NPT ELBOW	FOUR
(7)		3/8"(M) NPT X 3/8"(M) NPT	FOUR
(8)		3/"8"OD X 3/8"NPT FEMAL TEE	SIX
(9)	SS BLIND	3/8"OD BLIND PLUG	TWO
(10)	RI-15	1/"8"(M) NPT RUBY INSERT FOG NOZZLE	SIX
(11)		3/"8"(F) NPT X 1M STAINLESS STEEL FLEXIBLE PIPE	TWO



Item (1)

High pressure pump
Model : XM-MO8.10N
Code 22095
Flow rate : 8.0 Liter/min @100 bar
Power : 2 HP / 1.5 kw, 1450 rpm
Supply 220VAC

REVISIONS

ZONE	LTR	DESCRIPTION	DATE	ECN

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES
FRACTIONS DECIMALS ANGULAR
± 1/16 XX ±.03 ± 1°
XXX ±.010
INTERPRET PER ASME Y14.5M
DO NOT SCALE DRAWING IF NOT SPECIFIED

MATERIAL: ASSY
FINISH: 125

www.wilsonspraynozzle.sg
E-mail : sales@wisonspraynozzle.sg
Tel : 67741828
Fax : 67779813

WILSON SPRAY NOZZLE PTE LTD
Blk 71 #04-23/24 Ayer Rajah Crescent, Ayer Rajah Industrial Estate,
Singapore 139951.

TITLE: RUBY INSERT FOG NOZZLE SYSTEM

SIZE	DRAWN	DATE	DWG NO.	REV.
B	VN	12/12/08	121208	1
	CHECKED GT	DATE 12/12/08	For:	

SCALE	FILE NAME:	JOB NO.	SHEET	OF
1:2			1	1