

Fog systems ,nozzles & fittings



Finest misting automatic control box



Power demand : 110/220v,50/60HZ
 Pressure : 70bar (1000psi)
 Horsepower: 1/2HP, 1HP
 Rotation rate: 710-1720R.P.M
 Flow rate : 1.3-3.1l/min
 Size : 620*350*420mm

Model	Motor power					Suntion Volume		Operation Pressure		Dimensions	Weights	
	HP	KW	Volt	Hz	Φ	PRM	L/min	gpm	kgf/cm ²	p.s.i	mm	kg
SP-100158MT	0.5	0.4	110/220	50	1	710	1.3	0.34	70	1000	620*350*420	34
SP-100254MT	1.0	0.8		50	1	1420	2.5	0.65				
SP-100258MT	0.5	0.4		50	1	710	2.0	0.52				
SP-100168MT	0.5	0.4		60	1	860	1.56	0.41				
SP-100266MT	1.0	0.6		60	1	1120	2.0	0.52				
SP-100364MT	1.0	0.8		60	1	1720	3.1	0.81				

Finest misting pumping



Power demand : 110/220v,50/60HZ
 Horsepower: 1/2HP, 1HP
 Rotation rate: 710-1720R.P.M
 Flow rate : 1.3-3.1l/min
 Pressure: 70 bar (1000psi)
 Size : 620*350*420mm
 Weight: 17kg

Model	Motor power					Suntion Volume		Operation Pressure		Dimensions	Weights	
	HP	KW	Volt	Hz	Φ	PRM	L/min	gpm	kgf/cm ²	p.s.i	mm	kg
SP-100158	0.5	0.4	110/220	50	1	710	1.3	0.34	70	1000	410*210*185	17
SP-100254	1.0	0.8		50	1	1420	2.5	0.65				
SP-100258	0.5	0.4		50	1	710	2.0	0.52				
SP-100168	0.5	0.4		60	1	860	1.56	0.41				
SP-100266	1.0	0.6		60	1	1120	2.0	0.52				
SP-100364	1.0	0.8		60	1	1720	3.1	0.81				



Pipe dia.:9.52mm(3/8")
 Material : red copper
 Straight tube standard length :
 0.5m,0.75m,1m,1.5m,2m
 Copper pipe rall standard
 length : 50ft, 100ft

Copper pipe



Pipe dia.:9.52mm(3/8")
 Material : PE
 Straight tube thickness : 2.5mm
 Pipe rall standard length : 100m

PE high pressure hose



Material : Brass ,SS
 Inlet size :
 10/24UNC-2A or
 12/24UNC-2A
 Standard length :
 0.5m,0.75m,1m,
 1.5m,2m,3m

Blind plug

Very finest misting nozzle



FM1

Body material :Brass or SS
 Core material: Ceramic or SS
 Connect thread size :10/24UNC/2A
 Inner with decomposed turbulent flow vane



FM2

Body material :Brass or SS
 Core material: Ceramic or SS
 Connect thread size :10/24UNC/2A
 With irresoluble spray tip
 Inner with check valve and micron filter



FM3

Body material :Brass or SS
 Core material: Ceramic or SS
 Connect thread size :10/24UNC/2A

PERFORMANCE DATA

Capacity size	Orifice dia.	Pressure	Flow rate
L1	0.15mm	20~70kg/mm	20~46cc/min
L2	0.18mm	20~70kg/mm	49~89cc/min
L3	0.20mm	20~70kg/mm	80~145cc/min
L4	0.25mm	20~70kg/mm	95~178cc/min
L5	0.30mm	20~70kg/mm	130~243cc/min

Landscaping misting nozzle



FN1

Body material :Brass
 Core material: SS
 Connect thread size :1/8-27NPT
 With irresoluble spray tip
 Inner without check valve and micron filter



FN2

Body material :Brass
 Core material: SS
 Connect thread size :1/8-27NPT
 With irresoluble spray tip
 Inner with check valve and 60 micron filter



FN3

Body material :Brass or SS
 Core material: SS
 Connect thread size :1/8-27NPT
 Inner with decomposed SS turbulent flow vane
 Inner with check valve ,but without filter



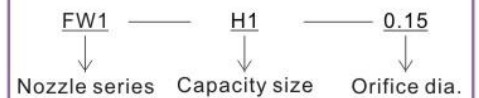
FN4

Body material :Brass or SS
 Core material: SS
 Connect thread size :1/8-27NPT
 Inner with decomposed SS turbulent flow vane
 Inner with check valve and 60 micron filter

PERFORMANCE DATA

Work pressure		Capacity size	Nozzle orifice dia./C.C per min @ different pressure						
PSI	BAR		0.15mm	0.2mm	0.3mm	0.4mm	0.5mm	0.6mm	0.8mm
100	7	H1	—	—	—	56	77	101	138
200	14	H2	—	—	65	80	109	143	195
300	21	H3	—	49	80	98	134	175	238
400	28	H4	29	56	92	113	154	202	275
500	35	H5	33	63	103	126	172	226	308
600	42	H6	36	69	113	138	189	248	337
700	49	H7	38	74	122	149	204	267	364
800	56	H8	41	80	130	159	218	286	389
900	63	H9	44	84	138	169	231	303	413
1000	70	H10	46	89	145	178	243	320	435

ORDERING INFORMATION

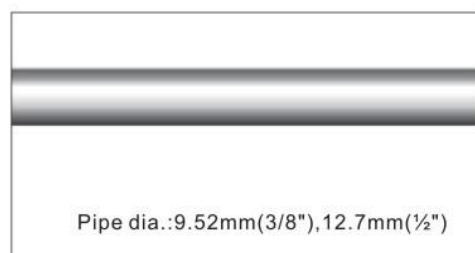


Fittings



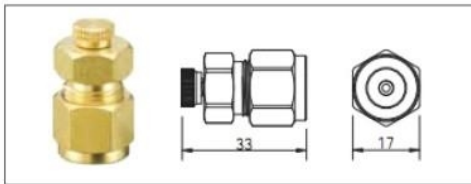
Suit adapt pipe dia.:
 9.52mm(3/8")
 Material :SS ,Rubber

Tube fixation clamp



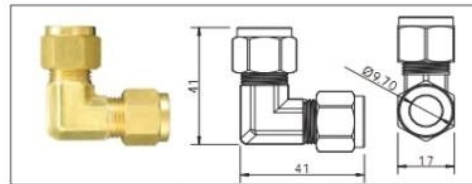
Pipe dia.:9.52mm(3/8"),12.7mm(1/2")

Jointless ss pipe



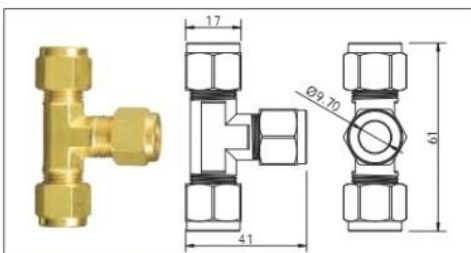
Ending fitting

Suit adapt pipe dia.:9.52mm(3/8")
 Suit adapt tubes and pipes:SS,BRASS ,PE high pressure hose
 Connect thread size : 10/24UNC-2A or 12/24UNC-2A
 Material :Brass



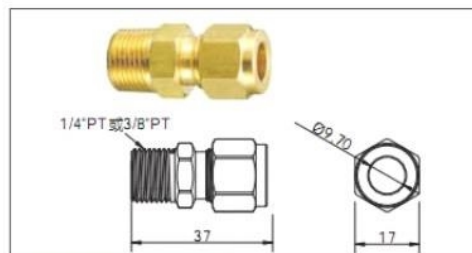
L type elbow

Suit adapt pipe dia.:9.52mm(3/8")
 Suit adapt tubes and pipes:SS,BRASS ,PE high pressure hose
 Material :Brass



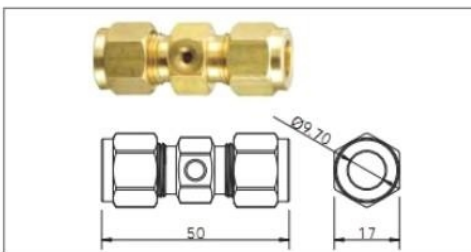
TEE-VALVE

Suit adapt pipe dia.:9.52mm(3/8")
 Suit adapt tubes and pipes:SS,BRASS ,PE high pressure hose
 Material:Brass



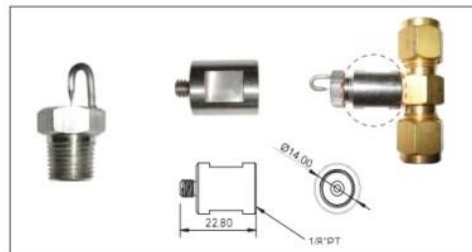
JUNCTION VALVE

Suit adapt pipe dia.:9.52mm(3/8")
 Suit adapt tubes and pipes:SS,BRASS ,PE high pressure hose
 Connect thread size : 1/4", 3/8"BSPT(M)
 Material :Brass



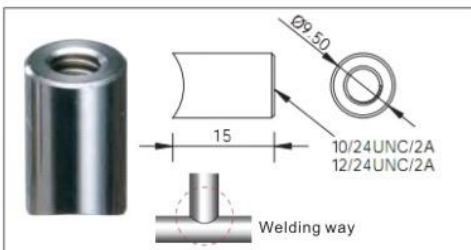
Haplopore/Diporate junction valve

Suit adapt pipe dia.:9.52mm(3/8")
 Suit adapt tubes and pipes:SS,BRASS ,PE high pressure hose
 Connect thread size : 10/24UNC-2A or 12/24UNC-2A
 Nozzle quantity :1 or 2 pieces
 Material :Brass



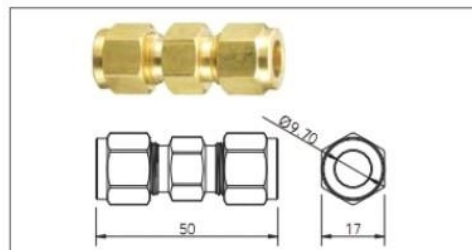
HP finest misting nozzle

Body material:SS
 Needle material :SS
 Orifice core material:SS or Ruby
 Orifice dia.:0.15mm,0.18mm,0.20mm,0.25mm,0.30mm
 Connect thread size : 1/8" PT(M)
 Filter material :PP (10 Micron)



welding joint

Material :SS
 Connect thread size:
 10/24UNC-2A or 12/24UNC-2A
 Suit adapt pipe dia.:1/2"(12.7mm)



Straight junction

Suit adapt pipe dia.:9.52mm(3/8")
 Suit adapt tubes and pipes:SS,BRASS ,PE high pressure hose
 Material:Brass