

Fog Systems



Cities Systems Corporation
Creative solutions in fog systems

Misting World





About Us

A Saudi company that specializes in fog and spray systems and provides the following services in detail:
(Design)

Our specialized team will stand on the ground and understand the customer's needs to meet their desires, choose the appropriate fog sprinkler size, and determine the number and distances between them.

Also, we design engineering diagrams for the fog system pipeline network (Civil engineering).

A fog device design based on the site size (Mechanical engineering).

Design of humidity and electronic temperature control devices (electronic engineering).

We also design and distribute bases, pallets, and fans according to the client's wishes.

(Manufacturing)

We manufacture the suitable pipes, bases, and fog platforms for the project plan and choose the appropriate fog device for the customer

We also assemble, install and program control panels and electronic timers according to the project design.

(Composition)

Our specialist team from the installation department installs the project on-site. We also pilot all devices before delivering them to the customer.

(Maintenance)

We have an experienced and highly qualified maintenance team that ensures the continuity of the device's work to the fullest, knowing that all our devices and products are comprehensively guaranteed.



شركة سعودية متخصصة في أنظمة الضباب والرذاذ ونقوم على وجه التفصيل بتقديم الخدمات التالية :-
(التصميم)

وفيها يقوم فريقنا المتخصص بالوقوف على أرض الموقع وفهم احتياجات العميل لتلبية رغباته واختيار حجم رشاشات الضباب المناسبة وتحديد عددها والمسافات بينها.

كما نقوم بتصميم المخططات الهندسية لشبكة انابيب نظام الضباب . (هندسة مدنية)

وتصميم جهاز الضباب بناء على حجم الموقع . (هندسة ميكانيكية) .

وتصميم أجهزة التحكم بالرطوبة ودرجة الحرارة الإلكترونية (هندسة الكترونية) .

كما نقوم كذلك بتصميم القواعد والمنصات والمراوح و توزيعها وفقا لرغبة العميل .

(التصنيع)

وفيها نقوم بتصنيع تصنيع الأنابيب والقواعد ومنصات الضباب المناسبة لمخطط المشروع واختيار جهاز الضباب المناسب للعميل

كما نقوم بتجميع وتركيب وبرمجة لوحات التحكم و المؤقتات الإلكترونية وفق تصميم المشروع .

(التركيب)

وفيها يقوم فريقنا المتخصص من قسم التركيبات بتركيب المشروع في الموقع .كما نقوم بتغشيل تجريبي لكافة الأجهزة قبل تسليمها للعميل .

(الصيانة)

لدينا فريق صيانة ذو خبرة وكفاءة عالية يضمن استمرارية عمل الجهاز على أكمل وجه علما بأن جميع أجهزتنا ومنتجاتنا مضمونة ضمانا شاملا



Cities Systems Corporation
Creative solutions in fog systems

Fog Systems

01

توصيلات
FITTINGS



مضخات
PUMPS

02



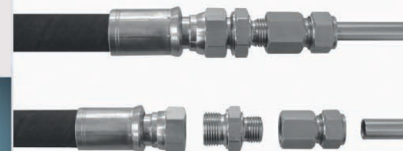
فوهات الضباب
NOZZLES

03



ليات هيدروليك
HYDRAULIC
HOSES

04



05

فلتر
FILTERS

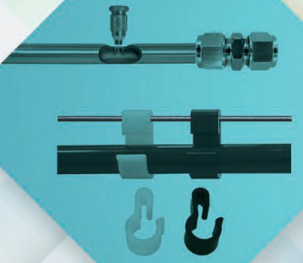


06

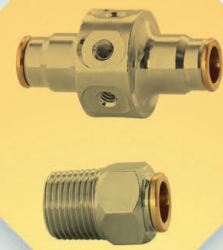
مراوح ضباب
MIST FAN

INDEX

**CONNECTION -
CLAMP, CLIPS AND
HANGERS**



**PUSH IN FITTING
FOR NYLON 12 TUBE**



**NORMATIC®
PUSH IN FITTINGS
FOR SS PIPES**



**STAINLESS STEEL 316L
REDUCING NIPPLES**



PUSH IN FITTINGS FOR NYLON 12 TUBES



3/8" nickel plated brass fittings

0301001



3/8" fitting for nozzle

0301002-120°



3/8" fitting for double nozzle 120°

0301002-180°



3/8" fitting for double nozzle 180°

0301003



3/8" tube coupling

0301004



3/8" T fitting

0301005



3/8" L fitting



3/8" four way (X) fitting

0301006



3/8" 6 nozzles misting umbrella

0301007



3/8" end plug

0301008

3/8" nickel plated brass fittings

0301009



1/4" male connector for 3/8" tube NPT

0301010



3/8" male connector for 3/8" tube NPT

0301011



1/2" male connector for 3/8" tube NPT

FITTINGS

10 mm 316 Quality SS fittings
for 10 mm SS pipe

0311001-316



10 mm SS 316 fitting for nozzle

0311002-316



10 mm SS 316 fitting for double nozzle 120°

0311004-316



10 mm 316 T fitting

0311005-316



10 mm 316 L fitting (bended tube)

0311008-316



10 mm 316 end plug

0311003-316



10 mm SS 316 tube coupling

FITTINGS

12 mm Nickel plated brass fittings

0311026S



12 mm to 3/8" mm reducer for SS pipe

0311029



12 mm end plug

0311048



3/8" female connector to 12 mm SS pipe

0311025



12 mm pipe union for 12 mm SS pipe

0311007



12 mm line end fitting for SS pipe

FITTINGS

10 mm Nickel plated brass fittings
for 10 mm SS pipe

0311033



10 mm brass end fitting for 1 nozzle

0311009



1/4" brass male connector for 10 mm tube
NPT

0311010



3/8" brass male connector for 10 mm pipe
NPT

0311011



1/2" brass male connector for 10 mm pipe
NPT

0311008



10 mm end plug

FITTINGS

10 mm Nickel plated brass fittings
for 10 mm SS pipe.

0311022



Coupling from 1/2" tube to 10 mm pipe

0311024



Coupling from 3/8" tube to 10 mm pipe

0311006



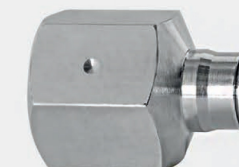
Connector 1/8" male to 10 mm pipe

0311020



3/8" female connector to 10 mm SS pipe

0311021



1/2" female connector to 10 mm SS pipe

Fog Systems

NORMATIC® PUSH IN FITTINGS FOR SS PIPES



FITTINGS

10 mm Nickel plated brass fittings
for 10 mm SS pipe



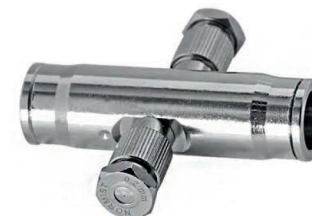
0311001

10 mm brass fitting for nozzle



0311002-120°

10 mm brass fitting for double nozzle
120°



0311002-180°

10 mm brass fitting for double nozzle
180°



0311003

10 mm brass pipe coupling



0311004

10 mm brass T fitting



0311005

10 mm brass L fitting

1/2" Nickel plated brass fittings

0301025



Brass 1/2" tube coupling

0301026



Brass 1/2" - 3/8" reducer

0301027



Brass 1/2" equal T fitting

0301028



Brass 1/2" - 3/8" - 1/2" T fitting

0301029



Brass 1/2" end plug

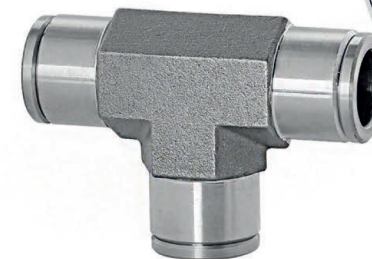
0301030



Brass 1/2" male connector for 1/2" tube NPT

1/2" 303 Quality SS fittings

0301044



Stainless Steel 1/2" T fitting

0301047



Stainless Steel 1/2" L fitting brass

0301054



Stainless Steel 1/2" - 3/8" reducer

0301055



Stainless Steel 1/2" tube coupling

0301056



Stainless Steel 1/2" end plug

0301086



Stainless Steel 1/2" male connector for 1/2" tube

3/16" (5 mm) Nickel plated brass fittings

0301035-3



UNC 10-24 nozzle to 5 mm tube adaptor

0301035-4



UNC 10-24 fitting to 5 mm tube adaptor

0301103-M5



M5 nozzle to 5 mm tube adaptor

0301035-5



UNC 12-24 nozzle to 5 mm tube adaptor

0301035-6



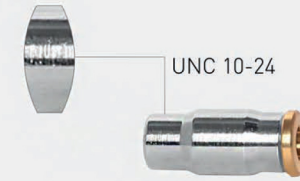
UNC 12-24 fitting to 5 mm tube adaptor

0301104-M5

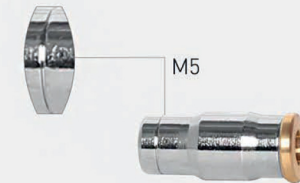


M5 fitting to 5 mm tube adaptor

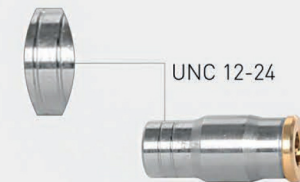
3/16" (5 mm) Nickel plated brass fittings



UNC 10-24



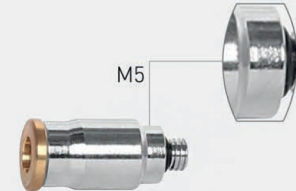
M5



UNC 12-24



UNC 10-24



M5



UNC 12-24

5/16" (8 mm) Nickel plated brass fittings

0301075



3/8" male connector for 5/16" tube NPT

0301118



3/8" BSP Female connector for 5/16" tube

0301100



Anti drip adaptor for mini nozzle M5

3/16" (5 mm) Nickel plated brass fittings

0301090



5 mm mini fitting with 0.15 mm (0.006") nozzle

0301091



5 mm mini fitting with 0.20 mm (0.008") nozzle

0301092



5 mm mini fitting with 0.30 mm (0.012") nozzle

3/16" (5 mm) Nickel plated brass fittings

0301096



1/4" male connector for 5 mm tube NPT

0301097



3/8" male connector for 5 mm tube NPT

0301099



5 mm end plug

0301093



5 mm T fitting

0301094



5 mm L fitting

0301095



5 mm tube coupling

3/8" 303 Quality SS fittings

0301087



Stainless Steel 50 mm nozzle extension
UNC 10-24 303 quality

0301063SS



Stainless Steel 1/8" Male Connector for
3/8" tube 303 quality

5/16" (8 mm) Nickel plated brass fittings

0301066



5/16" (8 mm) fitting for nozzle

0301071



5/16" (8 mm) nozzle fitting with end

0301072



5/16" (8 mm) end plug

5/16" (8 mm) Nickel plated brass fittings

0301069



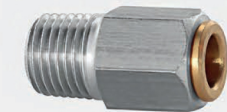
5/16" (8 mm) tube coupling

0301073



3/8" to 5/16" (8 mm) reducer

0301074



1/4" male connector for 5/16 tube NPT

0301068



5/16" (8 mm) T fitting

0301067



5/16" (8 mm) special T fitting 3/8" / 8 mm / 3/8"

0301070



5/16" (8 mm) L fitting

5 mm nickel plated brass fittings

0301098



5 mm flexible nozzle extension 15 cm M5

0301035



5 mm flexible nozzle extension UNC 10-24

0301035-U2



5 mm flexible nozzle extension UNC 12-24

3/8" nickel plated brass fittings

0301035-5



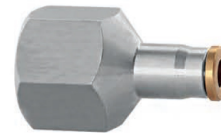
UNC 12-24 nozzle to 5 mm tube adaptor

0301035-6



UNC 12-24 fitting to 5 mm tube adaptor

0301115



3/8" fem. BSP Adaptor for 3/16" tube

0301034-U2



50 mm nozzle extension UNC 12-24

0301034-M5



50 mm nozzle extension UNC M5

0301034



50 mm nozzle extension UNC 10-24

3/8" nickel plated brass fittings

0301105



3/8" / 5 mm / 3/8" T fitting

0301039



3/8" 6 nozzles misting umbrella in-line

0301036



6 lines tube divider

0301015



3/8" tube to nozzle adaptor UNC10-24

0301015-U2



3/8" tube to nozzle adaptor UNC12-24

0301015-M5



3/8" tube to nozzle adaptor M5

0301040



3/8" end fitting (no nozzle hole)

0301033



3/8" nozzle fitting with end

3/8" nickel plated brass fittings

0301196



1/4" Fem. Adaptor for 3/8" tube BSP and NPT

0301116



3/8" female Connector for 3/8" tube BSP and NPT

3/8" fittings for 3/8" pipe

3/8"
CPSS-001N



Ferrule set 316 for 3/8" tube

3/8"
CPSS-002N



Nut 303 for 3/8" tube

3/8"
CPSS-003N



Union 303 for 3/8" tube

3/8"
CPSS-004N



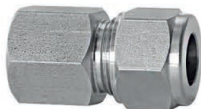
Union Tee 303 for 3/8" tube

3/8"
CPSS-005N



Union Elbow 303 for 3/8" tube

3/8"
CPSS-006N



3/8" female NPT connector for 3/8" tube 303

1/2" female NPT connector for 3/8" tube 303

3/8"
CPSS-007N



3/8"
CPSS-008N



3/8" male NPT connector for 3/8" tube 303

3/8"
CPSS-009N



1/2" male NPT connector for 3/8" tube 303

3/8" fittings for 3/8" pipe

3/8"
CPSS-010N



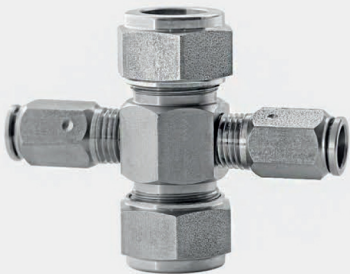
Cap 303 for 3/8" tube

3/8"
CPSS-013N



X fitting 3/8" tube to 3/8" Nylon tube

3/8"
CPSS-014N



X fitting 3/8" tube to 1/4" SS tube

1/4" fittings for 1/4" pipe

1/4"
CPSS-001N



Ferrule set 316 for 1/4" tube

1/4"
CPSS-002N



Nut 303 for 1/4" tube

1/4"
CPSS-003N



Union 303 for 1/4" tube

1/4"
CPSS-004N



Union Tee 303 for 1/4" tube

1/4"
CPSS-005N



Union Elbow 303 for 1/4" tube

1/4"
CPSS-006N



3/8" female NPT connector for 1/4" tube 303

1/4"
CPSS-007N



1/2" female NPT connector for 1/4" tube 303

1/4"
CPSS-008N



3/8" male NPT connector for 1/4" tube 303

1/4"
CPSS-009N



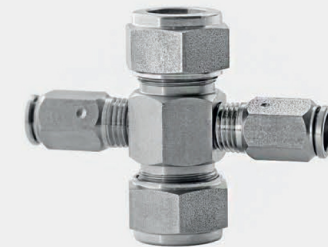
1/2" male NPT connector for 1/4" tube 303

1/4"
CPSS-010N



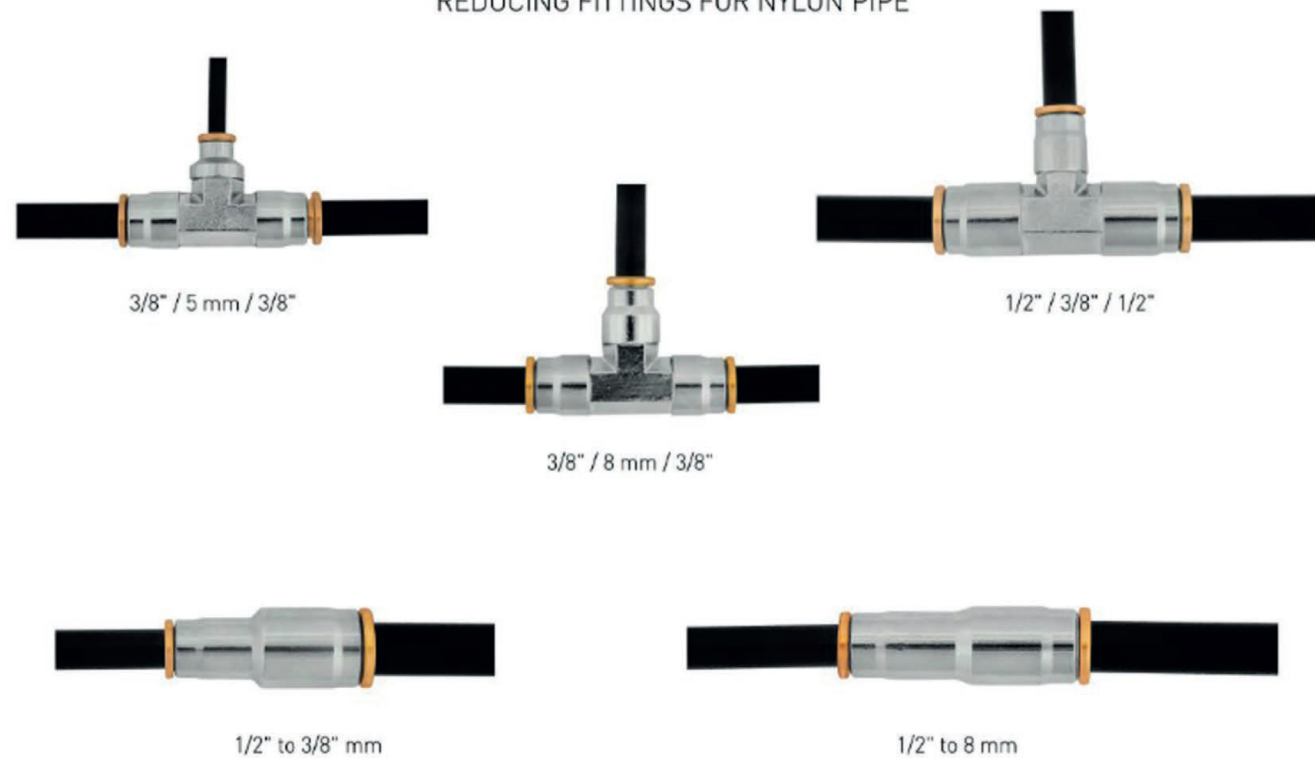
Cap 303 for 1/4" tube

1/4"
CPSS-014N



X fitting 1/4" tube to 1/4" SS tube

REDUCING FITTINGS FOR NYLON PIPE



NEW 3/4" [19 mm] NYLON PIPE APPLICATION

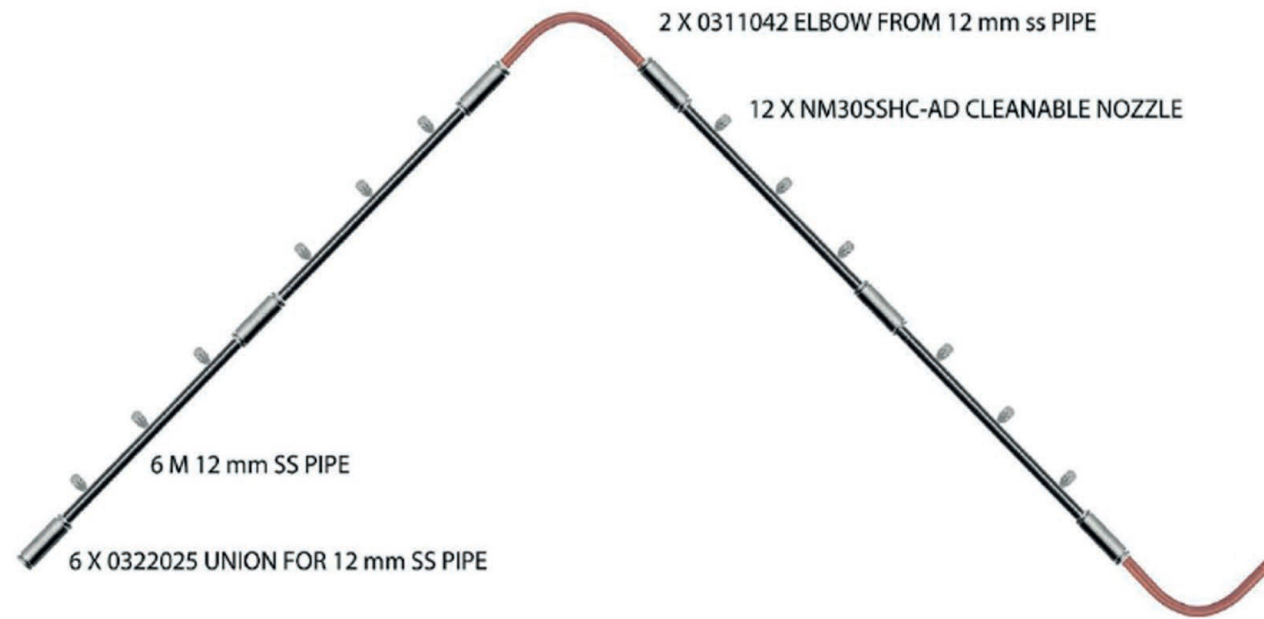
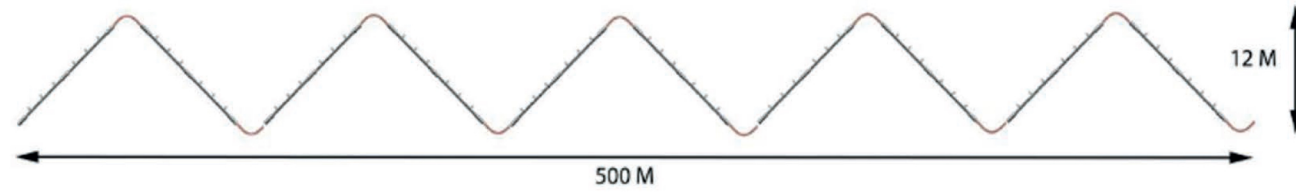


Fog Systems

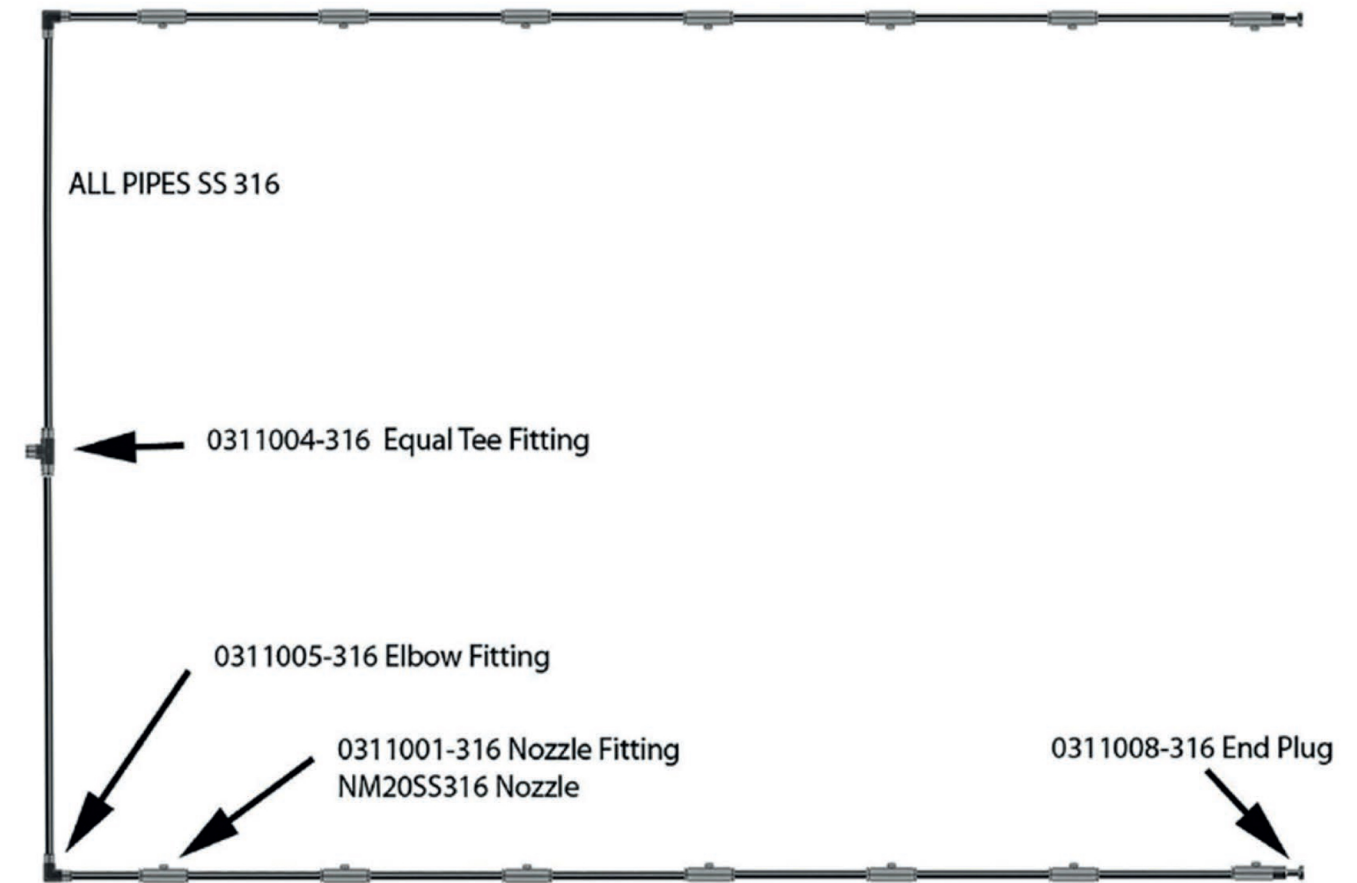


COMPRESSION FITTINGS 303 QUALITY FOR SS PIPES

TYPICAL STREET COOLING



TYPICAL PIG HOUSE COOLING
ALL PARTS MUST BE SS 316



HOW TO USE NYLON TUBING IN GREENHOUSE AND MISTING INSTALLATION

LIST OF AVAILABLE NYLON PIPE

LIST OF AVAILABLE NYLON PIPE

EXT. DIAMETER	INT. DIAMETER	WORKING PRESSURE	BURST PRESSURE
3/16" 5mm	2,5mm	70 BAR	145 BAR
1/4" 6,35mm	3,5mm	70 BAR	135 BAR
5/16" 8mm	4,0mm	70 BAR	143 BAR
3/8" 9,50mm	5,0mm	70 BAR	140 BAR
1/2" 12,7mm	7,0mm	70 BAR	126 BAR
5/8" 15,9mm	8,5mm	70 BAR	132 BAR
3/4" 19,05mm	10,5mm	70 BAR	126 BAR

NYLON PIPES: Nylon tubing are made from Nylon 12. Avoid low cost pipes made of Nylon 6 and Copolymers. We offer our new 5/8" and 3/4" Nylon tubing from small to medium size greenhouse range.

3/8" is used only as nozzle lines.

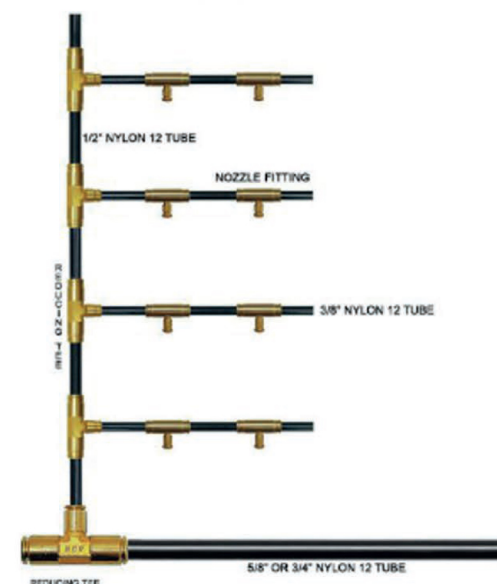
1/2" tubing is used as a supply line for 3/8" misting lines. Our new 5/8" and 3/4" large tubing are used as main supply line to 1/2" tube lines.

Maximum permissible pressure is 80 Bar. Burst pressure is 120/140 Bar. We have many greenhouses working for 10 years without trouble.

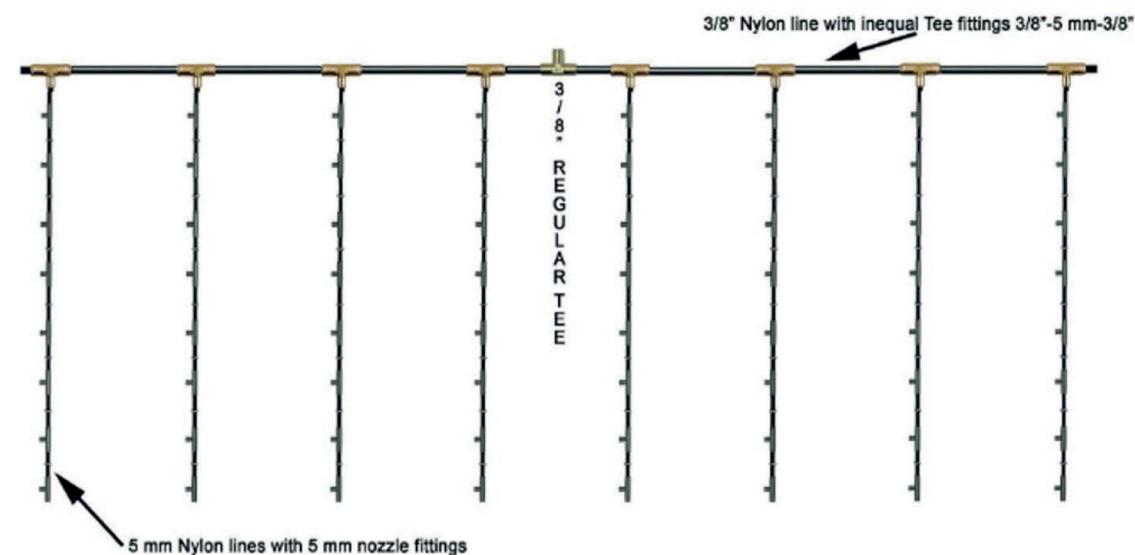
It is also possible to combine Stainless Steel pipes and Nylon pipes in the same greenhouse.

For any kind of installation, Stainless Steel or Nylon 12 our warranty is 5 years for the distribution network.

TYPICAL GREENHOUSE APPLICATION WITH NYLON PIPE

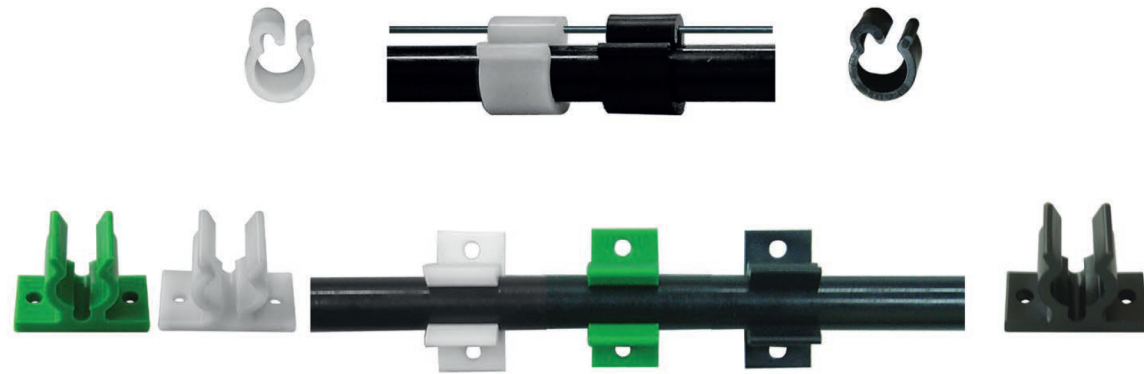


TYPICAL CHICKEN HOUSE WITH NYLON PIPE

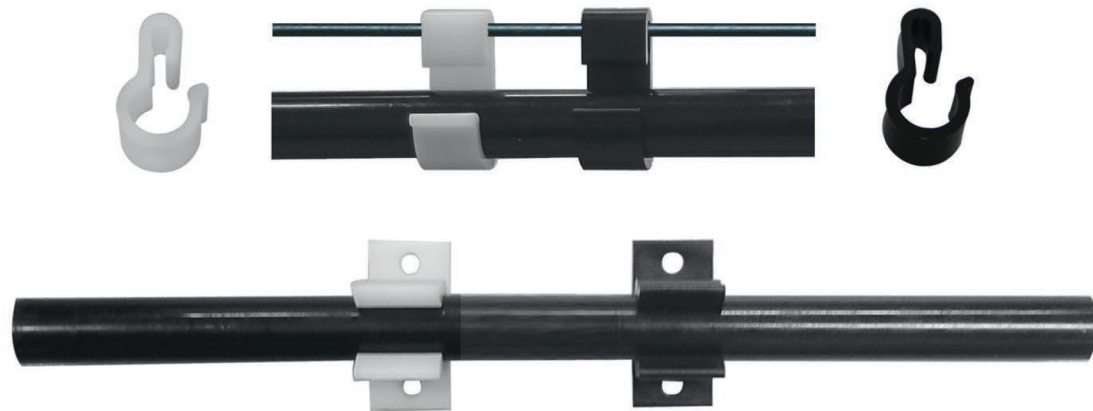


CLIPS AND HANGERS

Plastic clips and hangers for 3/8" tubing

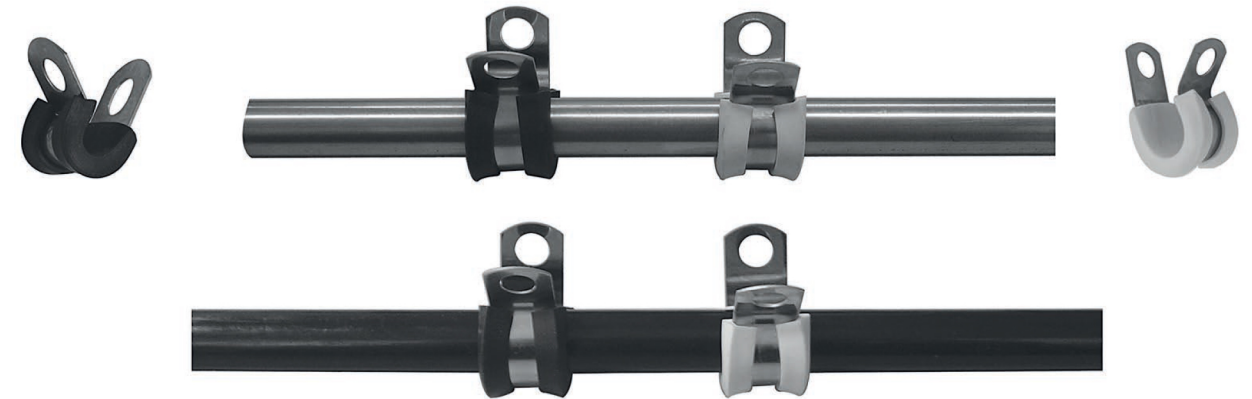


Plastic clips and hangers for 3/12" tubing



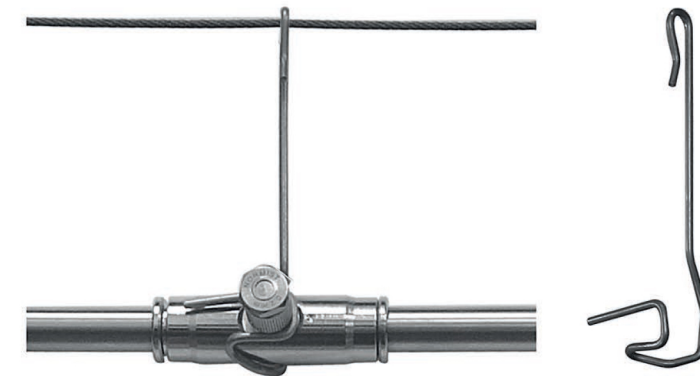
CLAMPS

Stainless steel clamps for 3/16" (5 mm) 5/16" (8 mm) 3/8" and 1/2" tubing

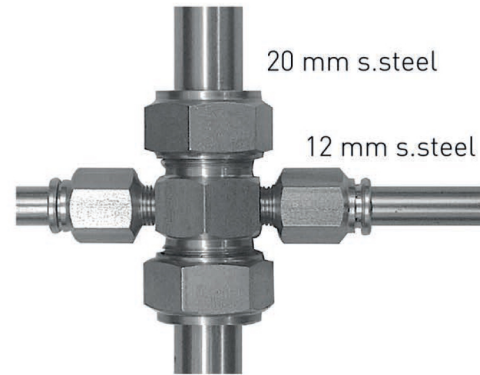


WIRE HANGER

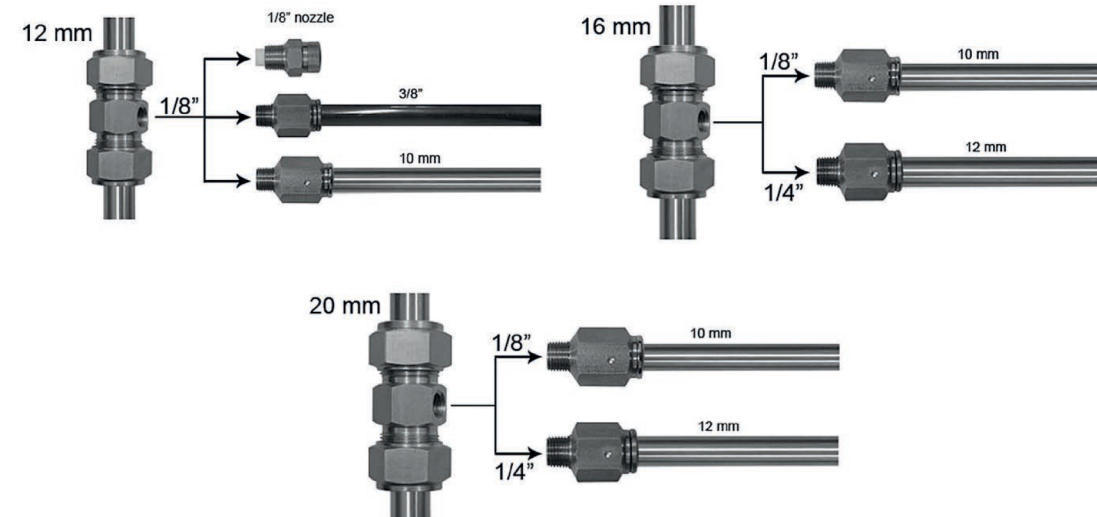
Stainless steel wire hanger for 3/8" and 10 mm nozzle holder fitting



20x1.5 mm S. Steel pipe. This tube is used as a main supply tube for 16mm tube and 10&12 mm nozzle lines. Working pressure is 150 Bar, burst pressure is 270 Bar. For more info refer to the pressure lost chart.

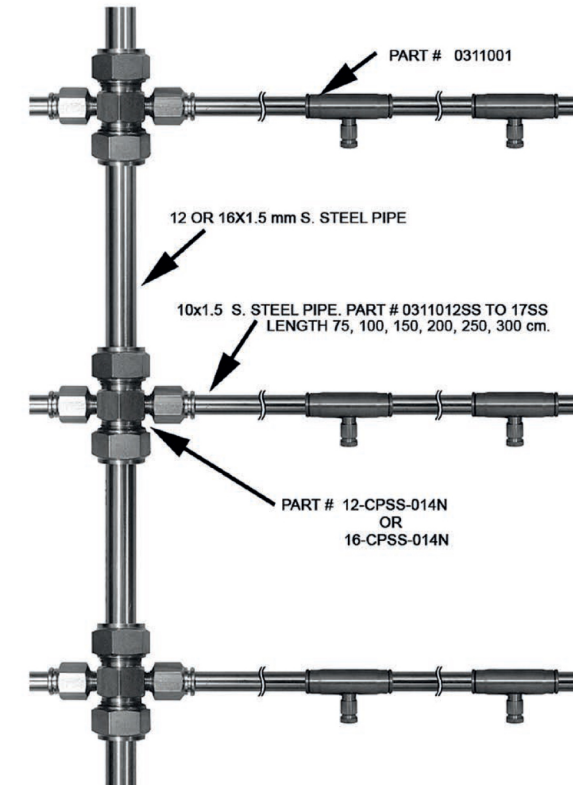


CONNECTION SAMPLES

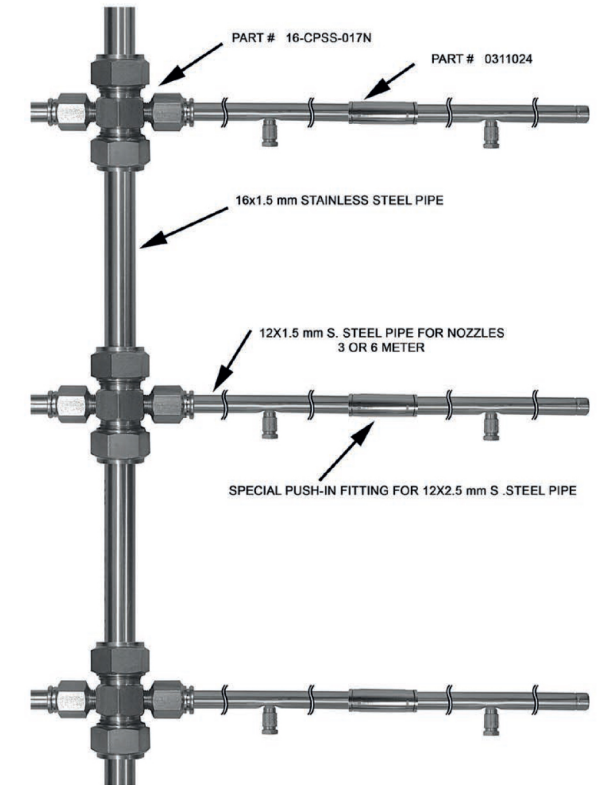


CONNECTION SAMPLES FOR GREENHOUSES

ALL STAINLESS STEEL WITH
10 mm MISTING LINES

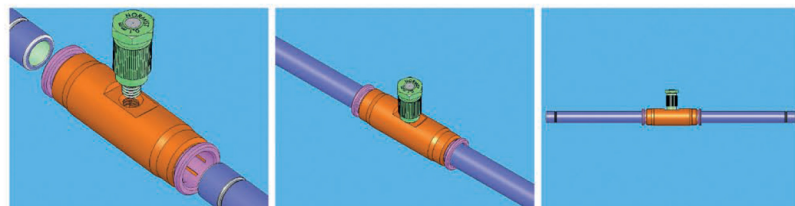


ALL STAINLESS STEEL WITH
12 mm MISTING LINES



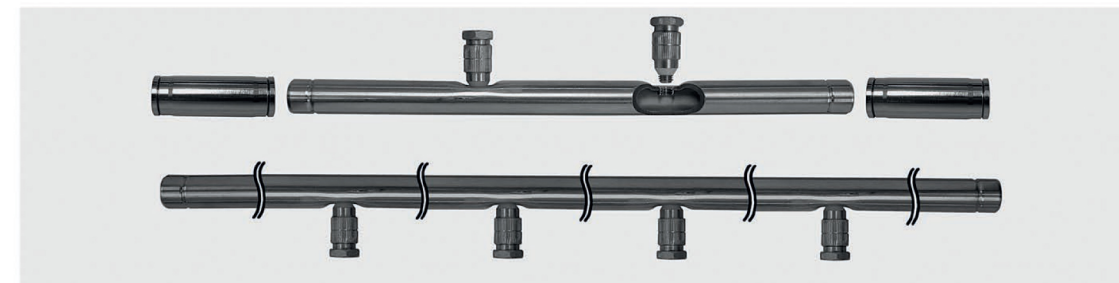
USAGE OF STAINLESS STEEL TUBES WITH OUR NEW NORMATIC® FITTING SYSTEM

10x1.5 mm S. Steel pipe. This tube is used as a nozzle line. The pipe itself doesn't carry nozzles. Nozzles are on located special NORMATIC® push-in fittings. Available lengths are 75, 100, 120, 150, 200, 250, 300 cm. Working pressure is 100 Bar, burst pressure is 400 Bar. For more info refer to pressure lost chart.



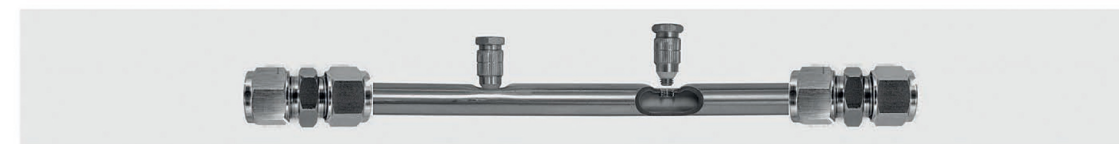
12x1.5 mm S. Steel pipe. This tube is used as a main supply line for 10x1.5 mm tubes as well as a nozzle line. Available lengths are 3 and 6 meters. They can carry 2 to 12 nozzles with different spacing. Connection between pipes is made by compression fittings or by our special push in fittings. Working pressure is 150 Bar, burst pressure is 330 Bar. For more info refer to the pressure lost chart.

NORMATIC® PUSH IN FITTING CONNECTION

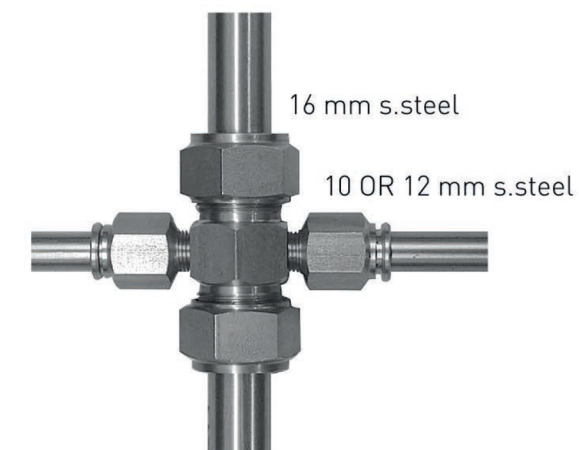


12x1.5 mm stainless steel pipe. Length 3 and 6 M

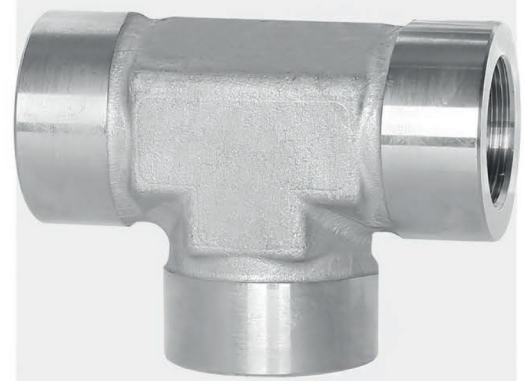
COMPRESSION FITTING CONNECTION



16x1.5 mm S. Steel pipe. This tube is used as supply tube for 10&12 mm nozzle lines. Working pressure is 150 Bar, burst pressure is 300 Bar. For more info see the pressure lost chart.



0311029



Equal T fitting female 3/4" thread BSP 303

0311051



Elbow (L) fitting female 3/4" thread BSP 303

0311009



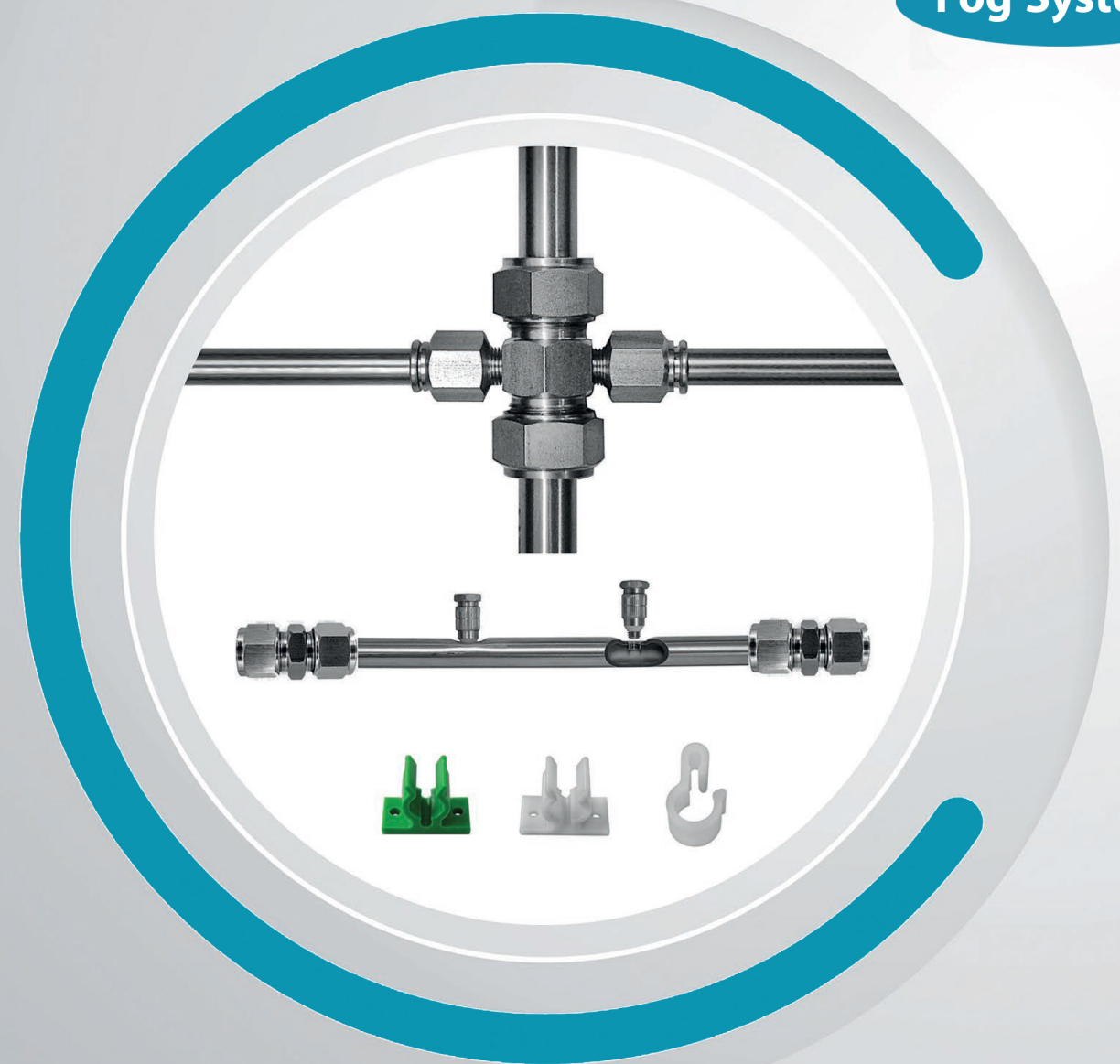
Elbow (L) fitting female 1/2" thread BSP 303

0311010



Elbow (L) fitting female 3/8" thread BSP 303

Fog Systems



CONNECTION - CLAMP, CLIPS AND HANGERS

3/8" 303 Quality SS fittings

0301049



Stainless steel 3/8" fitting for nozzle.
303 quality

0301050-120°



Stainless Steel 3/8" fitting for double nozzle,
303 quality 120°

0301050-180°



Stainless Steel 3/8" fitting for double nozzle,
303 quality 180°

0301052



Stainless Steel 3/8" nozzle fitting with end,
303 quality

0301045



Stainless Steel 3/8" T fitting 303 quality

0301048



Stainless Steel 3/8" L fitting 303 quality

3/8" 303 Quality SS fittings

0301080



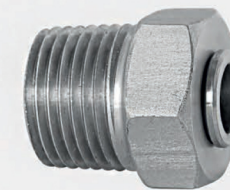
Stainless Steel 3/8" male connector for
3/8" tube NPT 303 quality

0301083



Stainless Steel 1/4" male connector for
3/8" tube NPT 303 quality

0301011SS



Stainless Steel 1/2" male connector for
3/8" tube NPT 303 quality

0301053



Stainless Steel 3/8" tube coupling
303 quality

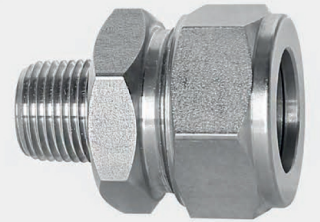
0301057



Stainless Steel 3/8" end plug
303 quality

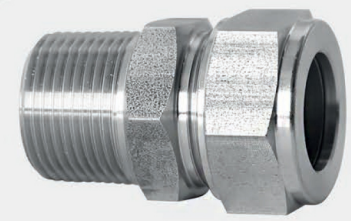
20 mm fittings for 20 mm pipe

20
CPSS-022N



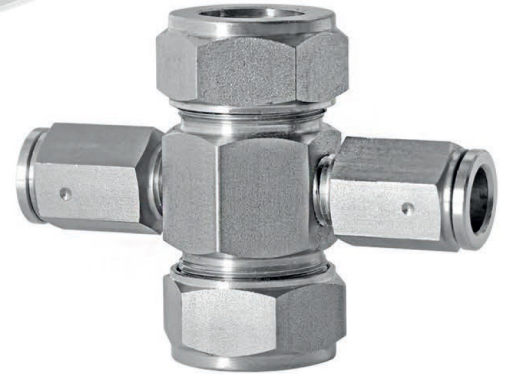
3/8" male NPT connector for 20 mm tube

20
CPSS-025N



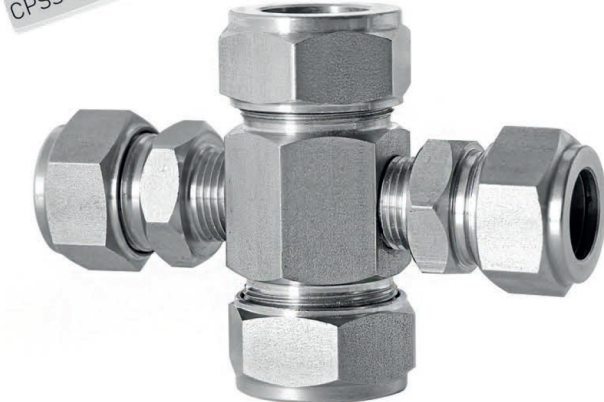
3/4" male NPT connector to 20 SS tube

20
CPSS-023N

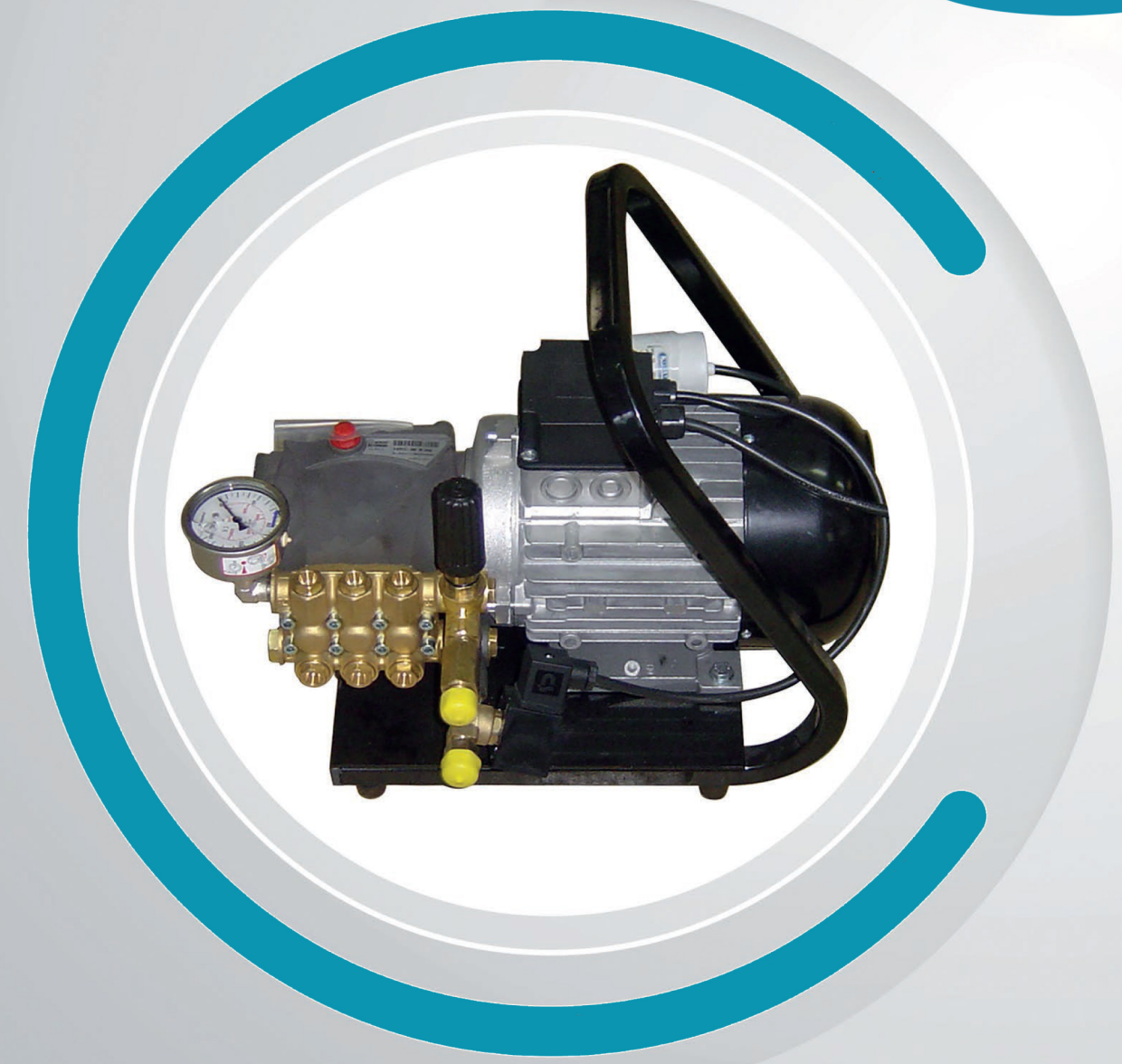


X fitting 20 tube to 12mm Nylon tube

20
CPSS-024N



X fitting 20 tube 16 SS tube



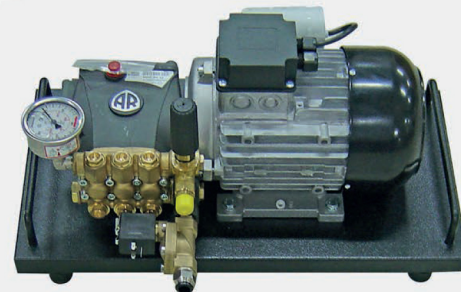
H PRESSURE PUMPS

0307070



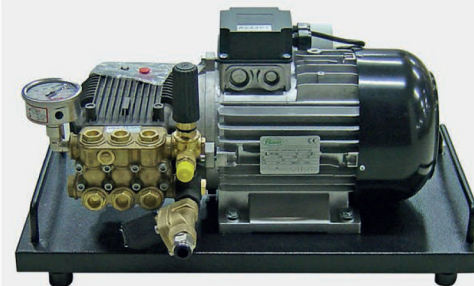
RR 0.5 - 1 - 2 - 3 - 4 LPM
70 BAR, TIMER, PRESSURE SWITCH
AUTOMATIC DRAIN
3 PISTONS A.R PUMP 230 V
26/27/27/27/28 Kg

0307068



AR8-C 8 LPM 120 BAR A.R. PUMP
230 V 28 Kg OPTIONS:
Control Box / On-Off Timer
Pressure Switch / Autom. Drain

0307067



AR7 7 LPM 100 BAR A.R. PUMP
230 V 35 Kg OPTIONS:
Control Box / On-Off Timer
Pressure Switch / Autom. Drain

0307018



2SF10 10 LPM 140 BAR CAT PUMP
400 V 42 Kg OPTIONS:
Control Box / On-Off Timer
Pressure Switch / Autom. Drain

0307065



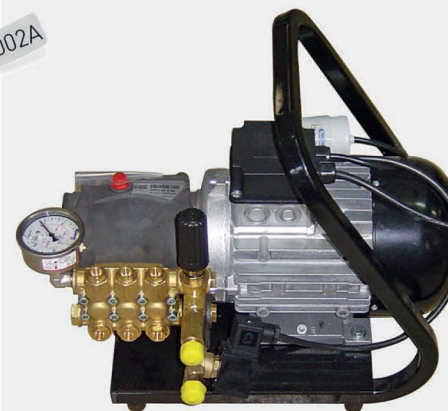
AR6-C 6 LPM 120 BAR A.R. PUMP
230 V 26 Kg OPTIONS:
Control Box / On-Off Timer
Pressure Switch / Autom. Drain

0307021



2SF5 5 LPM 140 BAR CAT PUMP
230 V 39 Kg OPTIONS:
Control Box / On-Off Timer
Pressure Switch / Autom. Drain

0307002A



AR9 9 LPM 90 BAR A.R. PUMP
230 V 26 Kg OPTIONS:
Control Box / On-Off Timer
Pressure Switch / Autom. Drain

0307078



AJ12 12 LPM 120 BAR BERTOLINI PUMP
400 V 32 Kg OPTIONS:
Control Box / On-Off Timer
Pressure Switch / Autom. Drain

MISTING NOZZLES



High performance hex series (brass & nickel plated)

CODE	ORIFICE DIAMETER	SPRAY ANGLE	AVERAGE DROPLET SIZE	THREAD SIZE
NM10BH-M NM10BH-U1 NM10BH-U2	0.10mm 0.004"	45°	<3m	M5 10-24 12-24
NM15BH-M NM15BH-U1 NM15BH-U2	0.15 mm 0.006"	55°	<5m	M5 10-24 12-24
NM20BH-M NM20BH-U1 NM20BH-U2	0.20 mm 0.008"	70°	<6m	M5 10-24 12-24
NM30BH-M NM30BH-U1 NM30BH-U2	0.30 mm 0.012"	80°	<8m	M5 10-24 12-24
NM40BH-M NM40BH-U1 NM40BH-U2	0.40 mm 0.016"	90°	<11m	M5 10-24 12-24
NM50BH-M NM50BH-U1 NM50BH-U2	0.50 mm 0.020"	95°	<15m	M5 10-24 12-24
NM60BH-M NM60BH-U1 NM60BH-U2	0.60 mm 0.024"	95°	<17m	M5 10-24 12-24
NM70BH-M NM70BH-U1 NM70BH-U2	0.70 mm 0.028"	100°	<20m	M5 10-24 12-24

High performance hex series SS 303

CODE	ORIFICE DIAMETER	SPRAY ANGLE	AVERAGE DROPLET SIZE	THREAD SIZE
NM10SSH-M NM10SSH-U1 NM10SSH-U2	0.10mm 0.004"	45°	<3m	M5 10-24 12-24
NM15SSH-M NM15SSH-U1 NM15SSH-U2	0.15 mm 0.006"	55°	<5m	M5 10-24 12-24
NM20SSH-M NM20SSH-U1 NM20SSH-U2	0.20 mm 0.008"	70°	<6m	M5 10-24 12-24
NM30SSH-M NM30SSH-U1 NM30SSH-U2	0.30 mm 0.012"	80°	<8m	M5 10-24 12-24
NM40SSH-M NM40SSH-U1 NM40SSH-U2	0.40 mm 0.016"	90°	<11m	M5 10-24 12-24
NM50SSH-M NM50SSH-U1 NM50SSH-U2	0.50 mm 0.020"	95°	<15m	M5 10-24 12-24
NM60SSH-M NM60SSH-U1 NM60SSH-U2	0.60 mm 0.024"	95°	<17m	M5 10-24 12-24
NM70SSH-M NM70SSH-U1 NM70SSH-U2	0.70 mm 0.028"	100°	<20m	M5 10-24 12-24

High performance high flow hex series
(brass & nickel plated)

CODE	ORIFICE DIAMETER	SPRAY ANGLE	AVERAGE DROPLET SIZE	THREAD SIZE
NM40BH-HF-M NM40BH-HF-U1 NM40BH-HF-U2	0.40mm 0.016"	90°	<15m	M5 10-24 12-24
NM50BH-HF-M NM50BH-HF-U1 NM50BH-HF-U2	0.50 mm 0.020"	95°	<30m	M5 10-24 12-24
NM60BH-HF-M NM60BH-HF-U1 NM60BH-HF-U2	0.60 mm 0.024"	95°	<38m	M5 10-24 12-24
NM70BH-HF-M NM70BH-HF-U1 NM70BH-HF-U2	0.70 mm 0.028"	100°	<46m	M5 10-24 12-24

High precision mini series for mini fittings (brass)

CODE	ORIFICE DIAMETER	THREAD SIZE
NM15B mini	0.15mm 0.006"	M-5
NM20B mini	0.20 mm 0.008"	M-5
NM30B mini	0.30 mm 0.012"	M-5

High performance knurled all 316L SS series

CODE	ORIFICE DIAMETER	SPRAY ANGLE	AVERAGE DROPLET SIZE	THREAD SIZE
NM10SS316-U1 NM10SS316-U2	0.10mm	45°	<3m	10-24 12-24
NM15SS316-U1 NM15SS316-U2	0.15mm	55°	<5m	10-24 12-24
NM20SS316-U1 NM20SS316-U2	0.20mm	70°	<6m	10-24 12-24
NM30SS316-U1 NM30SS316-U2	0.30mm	85°	<8m	10-24 12-24
NM40SS316-U1 NM40SS316-U2	0.40mm	90°	<11m	10-24 12-24
NM50SS316-U1 NM50SS316-U2	0.50mm	95°	<13m	10-24 12-24
NM60SS316-U1 NM60SS316-U2	0.60mm	95°	<17m	10-24 12-24
NM70SS316-U1 NM70SS316-U2	0.70mm	100°	<20m	10-24 12-24

High precision hex C series cleanable with anti-drip adaptor (brass & nickel plated)

High precision hex C series cleanable nozzle with anti-drip adaptor (SS 303)



CODE	ORIFICE DIAMETER	THREAD SIZE
NM10BHC-AD-M NM10BHC-AD-U1 NM10BHC-AD-U2	0.10mm 0.004"	M5 10-24 12-24
NM15BHC-AD-M NM15BHC-AD-U1 NM15BHC-AD-U2	0.15 mm 0.006"	M5 10-24 12-24
NM20BHC-AD-M NM20BHC-AD-U1 NM20BHC-AD-U2	0.20 mm 0.008"	M5 10-24 12-24
NM30BHC-AD-M NM30BHC-AD-U1 NM30BHC-AD-U2	0.30 mm 0.012"	M5 10-24 12-24
NM40BHC-AD-M NM40BHC-AD-U1 NM40BHC-AD-U2	0.40 mm 0.016"	M5 10-24 12-24
NM50BHC-AD-M NM50BHC-AD-U1 NM50BHC-AD-U2	0.50 mm 0.020"	M5 10-24 12-24
NM60BHC-AD-M NM60BHC-AD-U1 NM60BHC-AD-U2	0.60 mm 0.024"	M5 10-24 12-24
NM70BHC-AD-M NM70BHC-AD-U1 NM70BHC-AD-U2	0.70 mm 0.028"	M5 10-24 12-24

CODE	ORIFICE DIAMETER	THREAD SIZE
NM10SSHC-AD-M NM10SSHC-AD-U1 NM10SSHC-AD-U2	0.10mm 0.004"	M5 10-24 12-24
NM15SSHC-AD-M NM15SSHC-AD-U1 NM15SSHC-AD-U2	0.15 mm 0.006"	M5 10-24 12-24
NM20SSHC-AD-M NM20SSHC-AD-U1 NM20SSHC-AD-U2	0.20 mm 0.008"	M5 10-24 12-24
NM30SSHC-AD-M NM30SSHC-AD-U1 NM30SSHC-AD-U2	0.30 mm 0.012"	M5 10-24 12-24
NM40SSHC-AD-M NM40SSHC-AD-U1 NM40SSHC-AD-U2	0.40 mm 0.016"	M5 10-24 12-24
NM50SSHC-AD-M NM50SSHC-AD-U1 NM50SSHC-AD-U2	0.50 mm 0.020"	M5 10-24 12-24
NM60SSHC-AD-M NM60SSHC-AD-U1 NM60SSHC-AD-U2	0.60 mm 0.024"	M5 10-24 12-24
NM70SSHC-AD-M NM70SSHC-AD-U1 NM70SSHC-AD-U2	0.70 mm 0.028"	M5 10-24 12-24



High precision knurled all 316L SS cleanable nozzle with anti-drip adaptor and viton O ring

High Performance HEX C Series SS 303 cleanable Nozzles with anti drip adaptor. Orifice part is ceramic



CODE	ORIFICE DIAMETER	THREAD SIZE
NM10SS316C-AD NM10SS316C-AD NM10SS316C-AD	0.10mm 0.004"	M5 10-24 12-24
NM15SS316C-AD NM15SS316C-AD NM15SS316C-AD	0.15 mm 0.006"	M5 10-24 12-24
NM20SS316C-AD NM20SS316C-AD NM20SS316C-AD	0.20 mm 0.008"	M5 10-24 12-24
NM30SS316C-AD NM30SS316C-AD NM30SS316C-AD	0.30 mm 0.012"	M5 10-24 12-24
NM40SS316C-AD NM40SS316C-AD NM40SS316C-AD	0.40 mm 0.016"	M5 10-24 12-24
NM50SS316C-AD NM50SS316C-AD NM50SS316C-AD	0.50 mm 0.020"	M5 10-24 12-24
NM60SS316C-AD NM60SS316C-AD NM60SS316C-AD	0.60 mm 0.024"	M5 10-24 12-24
NM70SS316C-AD NM70SS316C-AD NM70SS316C-AD	0.70 mm 0.028"	M5 10-24 12-24

CODE	ORIFICE DIAMETER	THREAD SIZE
NMCERAMIC-10-AD NMCERAMIC-10-AD NMCERAMIC-10-AD	0.10mm 0.004"	M5 10-24 12-24
NMCERAMIC-15-AD NMCERAMIC-15-AD NMCERAMIC-15-AD	0.15 mm 0.006"	M5 10-24 12-24
NMCERAMIC-20-AD NMCERAMIC-20-AD NMCERAMIC-20-AD	0.20 mm 0.008"	M5 10-24 12-24
NMCERAMIC-30-AD NMCERAMIC-30-AD NMCERAMIC-30-AD	0.30 mm 0.012"	M5 10-24 12-24
NMCERAMIC-40-AD NMCERAMIC-40-AD NMCERAMIC-40-AD	0.40 mm 0.016"	M5 10-24 12-24
NMCERAMIC-50-AD NMCERAMIC-50-AD NMCERAMIC-50-AD	0.50 mm 0.020"	M5 10-24 12-24





High precision 1/8" NPT CF nozzle series cleanable with anti drip adaptor and filter (SS 303)

CODE	ORIFICE DIAMETER	THREAD SIZE
NM10SS 1-8F	0.10mm 0.004"	1/8" NPT
NM15SS 1-8F	0.15 mm 0.006"	1/8" NPT
NM20SS 1-8F	0.20 mm 0.008"	1/8" NPT
NM30SS 1-8F	0.30 mm 0.012"	1/8" NPT
NM40SS 1-8F	0.40 mm 0.016"	1/8" NPT
NM50SS 1-8F	0.50 mm 0.020"	1/8" NPT
NM60SS 1-8F	0.60 mm 0.024"	1/8" NPT
NM70SS 1-8F	0.70 mm 0.028"	1/8" NPT

High precision 9/16" NPT CF nozzle series cleanable with anti-drip adaptor and filter (SS 303)

CODE	ORIFICE DIAMETER	THREAD SIZE
NM10SS 9-16F	0.10mm 0.004"	9/16"
NM15SS 9-16F	0.15 mm 0.006"	9/16"
NM20SS 9-16F	0.20 mm 0.008"	9/16"
NM30SS 9-16F	0.30 mm 0.012"	9/16"
NM40SS 9-16F	0.40 mm 0.016"	9/16"
NM50SS 9-16F	0.50 mm 0.020"	9/16"

Compact series SS 303 cleanable nozzle with anti-drip adaptor

CODE	ORIFICE DIAMETER	THREAD SIZE
NMC20SS303C-AD NMC20SS303C-AD NMC20SS303C-AD	0.20 mm 0.008"	M5 10-24 12-24
NMC30SS303C-AD NMC30SS303C-AD NMC30SS303C-AD	0.30 mm 0.012"	M5 10-24 12-24
NMC40SS303C-AD NMC40SS303C-AD NMC40SS303C-AD	0.40 mm 0.016"	M5 10-24 12-24
NMC50SS303C-AD NMC50SS303C-AD NMC50SS303C-AD	0.50 mm 0.020"	M5 10-24 12-24





Cluster head nozzle adaptor with filter. Nickel plated
(Without nozzle)

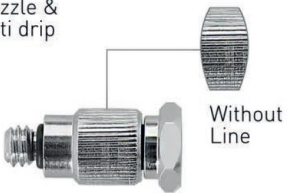
CODE	DESCRIPTION	THREAD SIZE
0301195-3	Cluster for 3 nozzles	3xM5 3x10-24 3x12-24
0301195-4	Cluster for 4 nozzles	4xM5 4x10-24 4x12-24
0301195-5	Cluster for 5 nozzles	5xM5 5x10-24 5x12-24



Anti drip adapter threads

CODE	DESCRIPTION	THREAD SIZE
0301041	Brass anti drip adaptor	M5 10-24 12-24
0301062	303 SS anti drip adaptor	M5 10-24 12-24
0301062-316L	316L SS anti drip adaptor	M5 10-24 12-24

UNC 10-24 nozzle &
UNC 10-24 anti drip
adapter



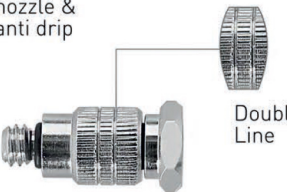
Without
Line

M-5 nozzle &
M-5 anti drip
adapter



Single
Line

UNC 12-24 nozzle &
UNC 12-24 anti drip
adapter



Double
Line

How to distinguish threads



UNC 10-24



Without
Line



M-5



Single
Line



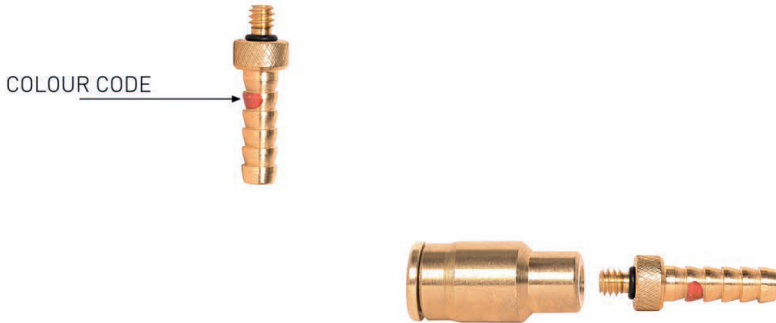
UNC 12-24



Double
Line

Discharge nozzles (brass)

CODE	COLOUR	ORIFICE SIZE	PRESSURE					
			30 bar	40 bar	50 bar	60 bar	70 bar	80 bar
			435 psi	580 psi	725 psi	870 psi	1015 psi	1160 psi
0301032	Red/White	0,50mm	0,7 L	0,8 L	0,9 L	1,0 L	1,1 L	1,2 L
0301031	Black/White	0,70mm	1,6 L	1,8 L	2,0 L	2,2 L	2,4 L	2,6 L
0301016	White	1,00mm	2,5 L	2,8 L	3,2 L	3,5 L	3,7 L	4.0 L
0301017	Black	1,10mm	3,7 L	4,3 L	4,8 L	5,3 L	5,7 L	6,1 L
0301018	Red	1,20mm	5,2 L	5,9 L	6,6 L	7,3 L	7,8 L	8,4 L
0301019	Yellow	1,30mm	5,8 L	6,8 L	7,5 L	8,3 L	9,0 L	9,5 L
0301020	Green	1,40mm	6,8 L	7,8 L	8,7 L	9,6 L	10,3 L	11,1 L
0301021	Pink	1,50mm	8,0 L	9,3 L	10,4 L	11,3 L	12,3 L	13,2 L
0301022	Orange	1,60mm	8,6 L	10,0 L	11,2 L	12,2 L	13,2 L	14,1 L
0301023	Blue	1,70mm	9,8 L	11,3 L	12,7 L	14,0 L	15,1 L	16,1 L



Nozzle Plug

CODE	DESCRIPTION	THREAD SIZE
301084	Nozzle plug brass	UNC 10-24
0301084-1	Nozzle plug brass	UNC 12-24
0301084-2	Nozzle plug brass	M5
0101020	303 SS nozzle plug	UNC 10-24
0101020-1	303 SS nozzle plug	UNC 12-24
0101020-2	303 SS nozzle plug	M5



Drain Valve

CODE	DESCRIPTION	THREAD SIZE
0101004	Auto drain valve	UNC 10-24
0101004-1		UNC 12-24
0101019	303 SS auto drain valve	UNC 10-24
0101019-1		UNC 12-24





1/8" Orientable nozzle head with filter

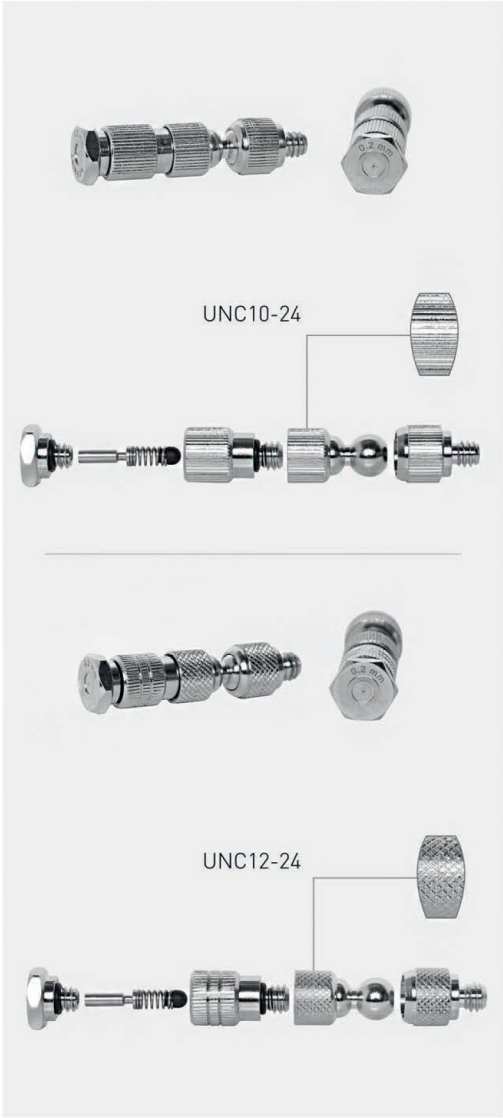
CODE	THREAD SIZE
NM10SS-8F-SW	1/8"
NM15SS-8F-SW	1/8"
NM20SS-8F-SW	1/8"
NM30SS-8F-SW	1/8"
NM40SS-8F-SW	1/8"
NM50SS-8F-SW	1/8"
NM60SS-8F-SW	1/8"
NM70SS-8F-SW	1/8"



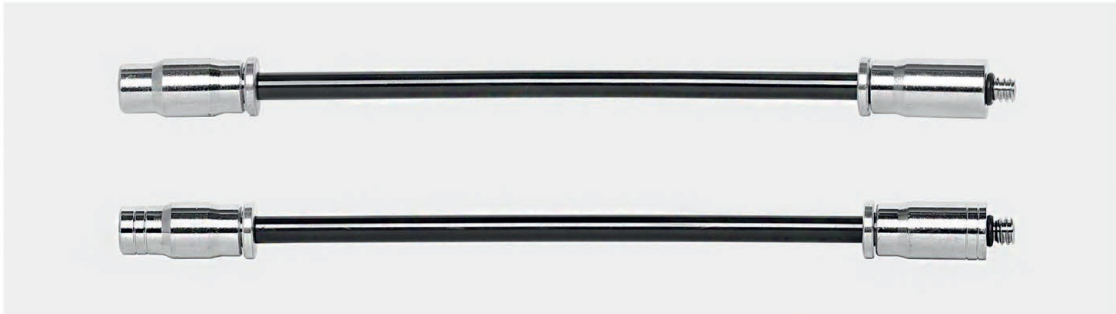
Swivel adaptor for nozzle, nickel plated brass



CODE	THREAD SIZE
0301188-M5	M-5
0301188-U1	UNC10-24
0301188-U2	UNC12-24



Flexible nozzle extention



CODE	DESCRIPTION	THREAD SIZE
0301035	Flexible nozzle extention	UNC 10-24
0301035-U2	Flexible nozzle extention	UNC 12-24

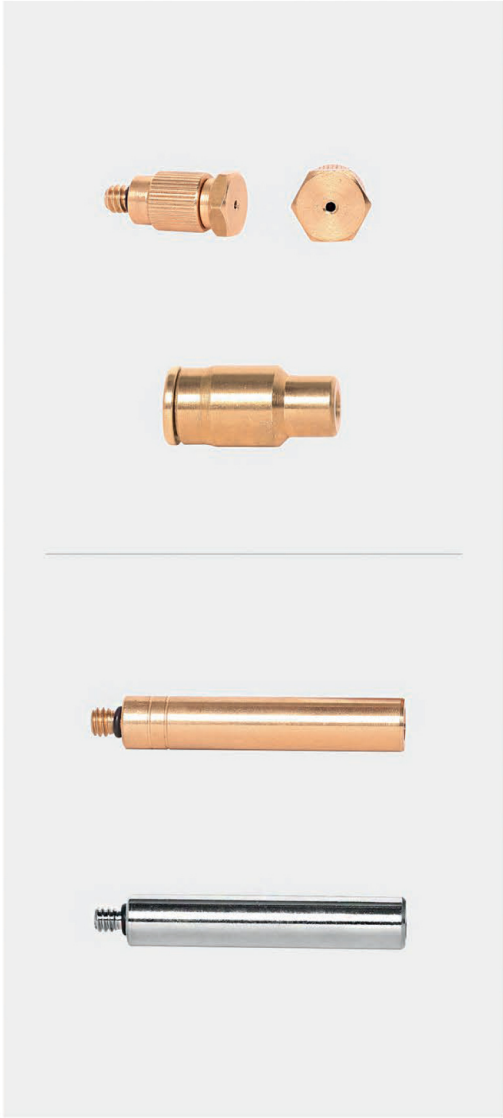


Brass adaptor for 1/8" nozzle to nozzle fitting

CODE	THREAD SIZE
0201054-U1	UNC10-24
0201054-M5	Metric 5

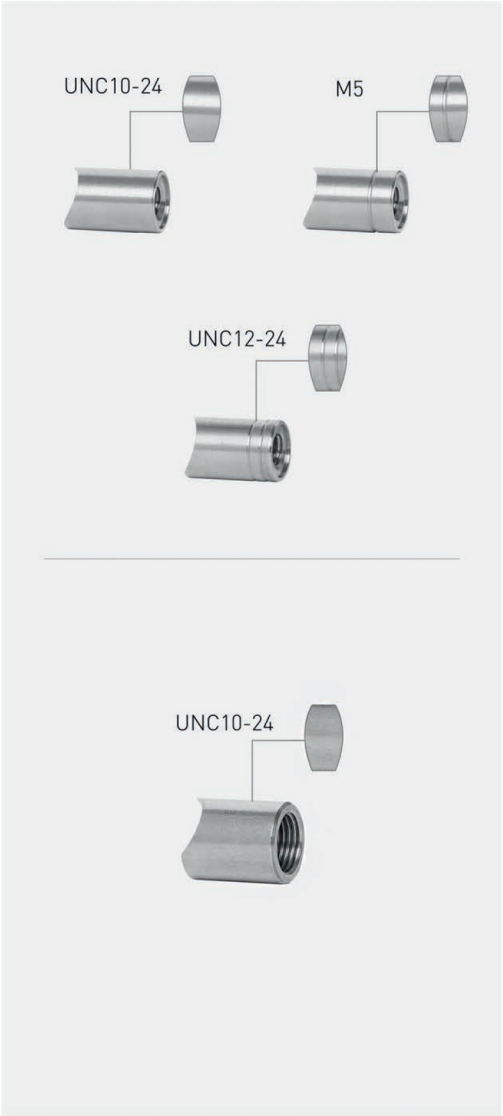
Drain Set

CODE	DESCRIPTION
0301037	Drain Set 0101004 + 0301015



50 mm Nozzle extention

NOZZLE CODE	DESCRIPTION	THREAD SIZE
0301034	Nozzle 50 mm extention	UNC 10-24
0301034-U2	Nozzle 50 mm extention	UNC 12-24



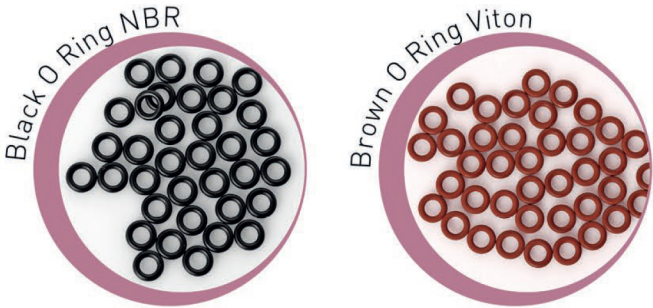
Spigots

CODE	THREAD SIZE
0301161	M5
0301162	UNC10-24
0301163	UNC12-24

Spigot for 1/8" nozzle. Suitable for 10&12 mm SS tubing

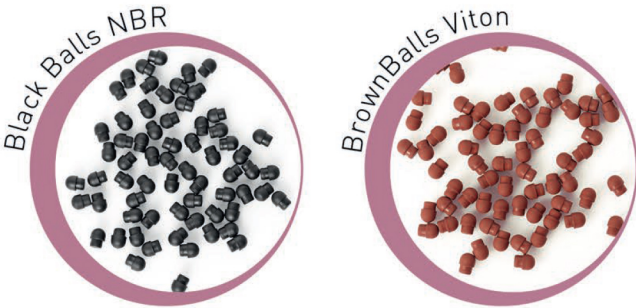
CODE	THREAD SIZE
0301160	UNC10-24

Nozzle O Ring



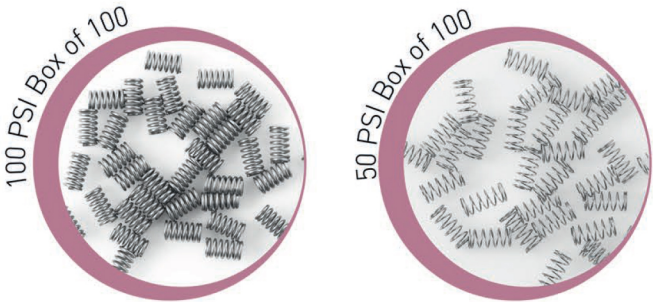
CODE	DESCRIPTION
0201014	Black O ring for nozzle Box of 100
0201014V	Brown O ring for nozzle VITON Box of 100

Adaptor Balls



CODE	DESCRIPTION
0101007	Black ball for anti drip adaptor Box of 100
0101007V	Brown ball for anti drip adaptor VITON Box of 100

Adaptor Springs



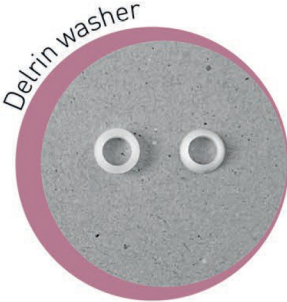
CODE	DESCRIPTION
0206001	Spring for anti drip adaptor 100 PSI Box of 100
0206001L	Spring for anti drip adaptor 50 PSI Box of 100

Nozzle Filters



CODE	DESCRIPTION
0101022	Spare filter for 1/8" nozzles. Box of 100

Washer For Nozzles



CODE	DESCRIPTION
0301166	Delrin washer for M5 Hex nozzles

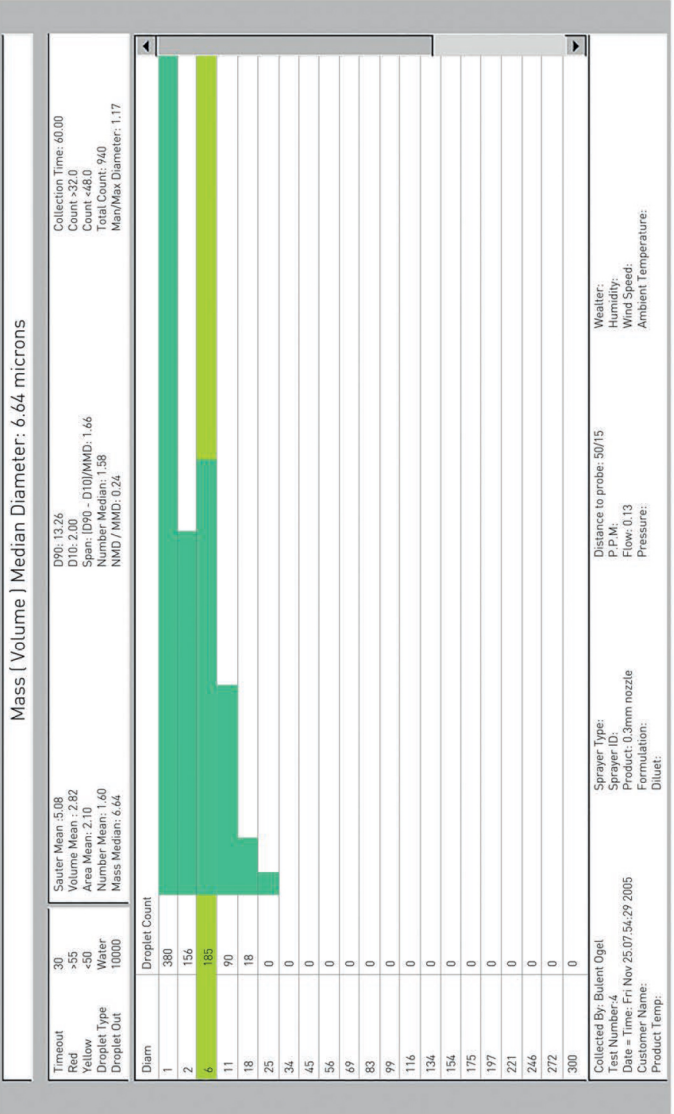
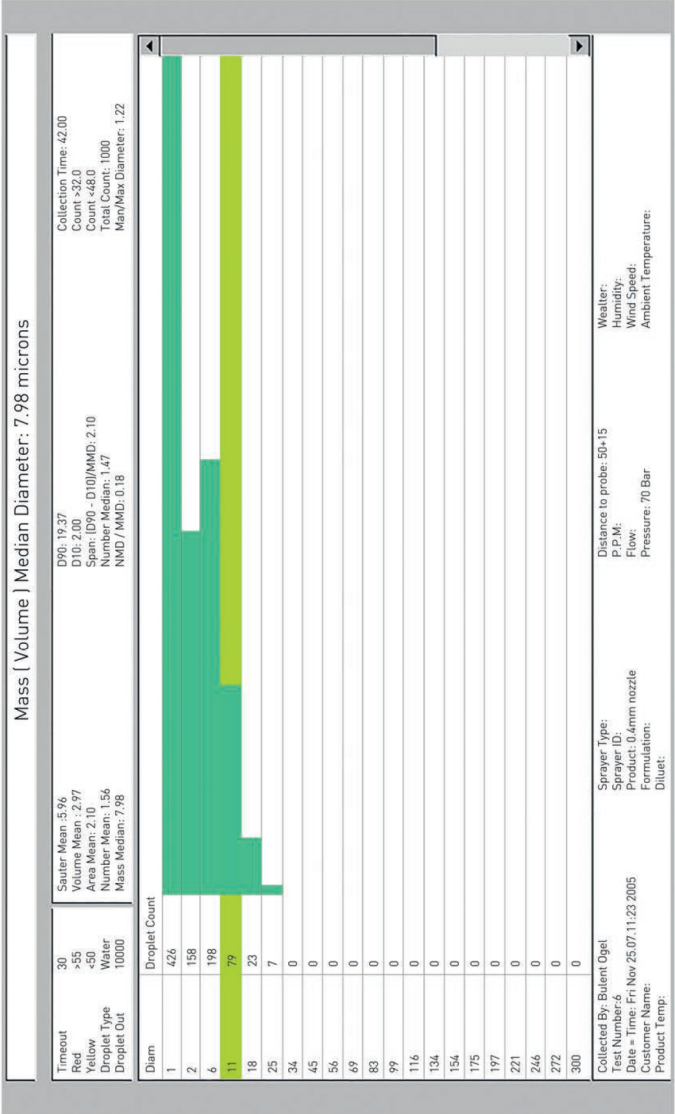
Normist high performance misting nozzles hex series

CODE	ORIFICE Ø	SPRAY ANGLE*	MEDIAN DROPLET SIZE*	THREAD SIZE	O RING COLOR	FLOW LPM & GPM												LPM
						1 GPM = 3.785 LPM												GPM
						30 BAR 435 PSI	40 BAR 580 PSI	50 BAR 725 PSI	60 BAR 870 PSI	70 BAR 1000 PSI	80 BAR 1160 PSI	90 BAR 1305 PSI	100 BAR 1450 PSI	110 BAR 1595 PSI	120 BAR 1740 PSI	130 BAR 1885 PSI		
NM10BH-M NM10BH-U1 NM10BH-U2	0.10mm 0.004"	45°	3µ	M5 UNC 10-24 UNC 10-24	Black " "		.017	.022	.027	.030	.039	.042	.044	.045	.047	.049		
NM15BH-M NM15BH-U1 NM15BH-U2	0.15mm 0.006"	55°	5µ	M5 UNC 10-24 UNC 10-24	Black " "	.024	.038	.043	.047	.050	.058	.064	.068	.070	.072	.075		
NM20BH-M NM20BH-U1 NM20BH-U2	0.20mm 0.008"	70°	6µ	M5 UNC 10-24 UNC 10-24	Black " "	.006	.010	.011	.012	.013	.015	.017	.018	.018	.019	.020		
NM30BH-M NM30BH-U1 NM30BH-U2	0.30mm 0.012"	85°	8µ	M5 UNC 10-24 UNC 10-24	Black " "	.041	.057	.063	.071	.075	.081	.085	.091	.093	.097	.102		
NM40BH-M NM40BH-U1 NM40BH-U2	0.40mm 0.016"	90°	11µ	M5 UNC 10-24 UNC 10-24	Black " "	.011	.015	.017	.019	.020	.021	.022	.024	.025	.025	.027		
NM50BH-M NM50BH-U1 NM50BH-U2	0.50mm 0.020"	95°	13µ	M5 UNC 10-24 UNC 10-24	Black " "	.070	.082	.091	.102	.105	.116	.122	.132	.140	.146	.150		
NM60BH-M NM60BH-U1 NM60BH-U2	0.60mm 0.024"	95°	17µ	M5 UNC 10-24 UNC 10-24	Black " "	.018	.022	.024	.027	.028	.031	.032	.035	.035	.038	.040		
NM70BH-M NM70BH-U1 NM70BH-U2	0.70mm 0.028"	100°	20µ	M5 UNC 10-24 UNC 10-24	Black " "	.094	.116	.128	.142	.150	.159	.169	.185	.190	.197	.209		
						.025	.031	.034	.037	.0408	.042	.045	.050	.050	.052	.055		
						.117	.136	.160	.180	.190	.195	.209	.228	.235	.240	.250		
						.031	.036	.042	.047	.050	.052	.055	.060	.062	.064	.066		
						.135	.162	.180	.196	.210	.228	.241	.255	.275	.285	.300		
						.036	.043	.047	.052	.056	.060	.064	.067	.072	.075	.079		
						.161	.184	.209	.228	.240	.256	.274	.294	.305	.315	.330		
						.042	.049	.055	.060	.064	.068	.072	.077	.080	.083	.087		

Orifice material is stainless steel 316 quality
Orifice size is laser marked on the nozzle body

*Measured at 70 Bar / 1000 PSI

Droplet test reports



Flow rate diagrams at 70 Bar /1000 PSI



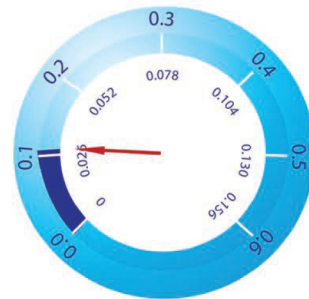
0.10mm
0.030 Lt./min



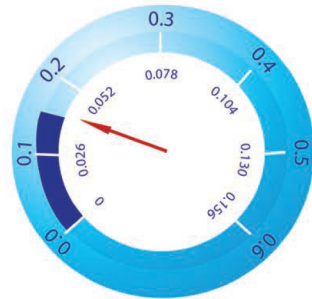
0.15mm
0.050 Lt./min



0.20mm
0.075 Lt./min



0.30mm
0.105 Lt./min.



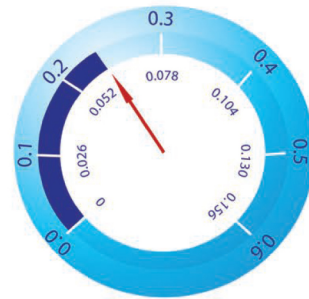
0.40mm
0.150 Lt./min



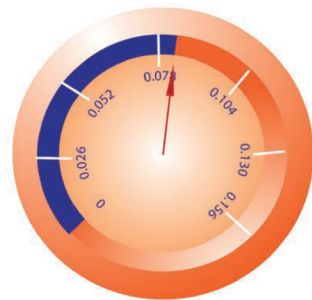
0.50mm
0.190 Lt./min



0.60mm
0.210 Lt./min.



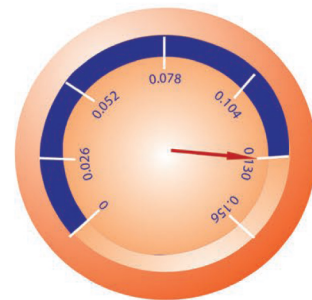
0.70mm
0.240 Lt./min



0.40mm HF
0.315 Lt./min.



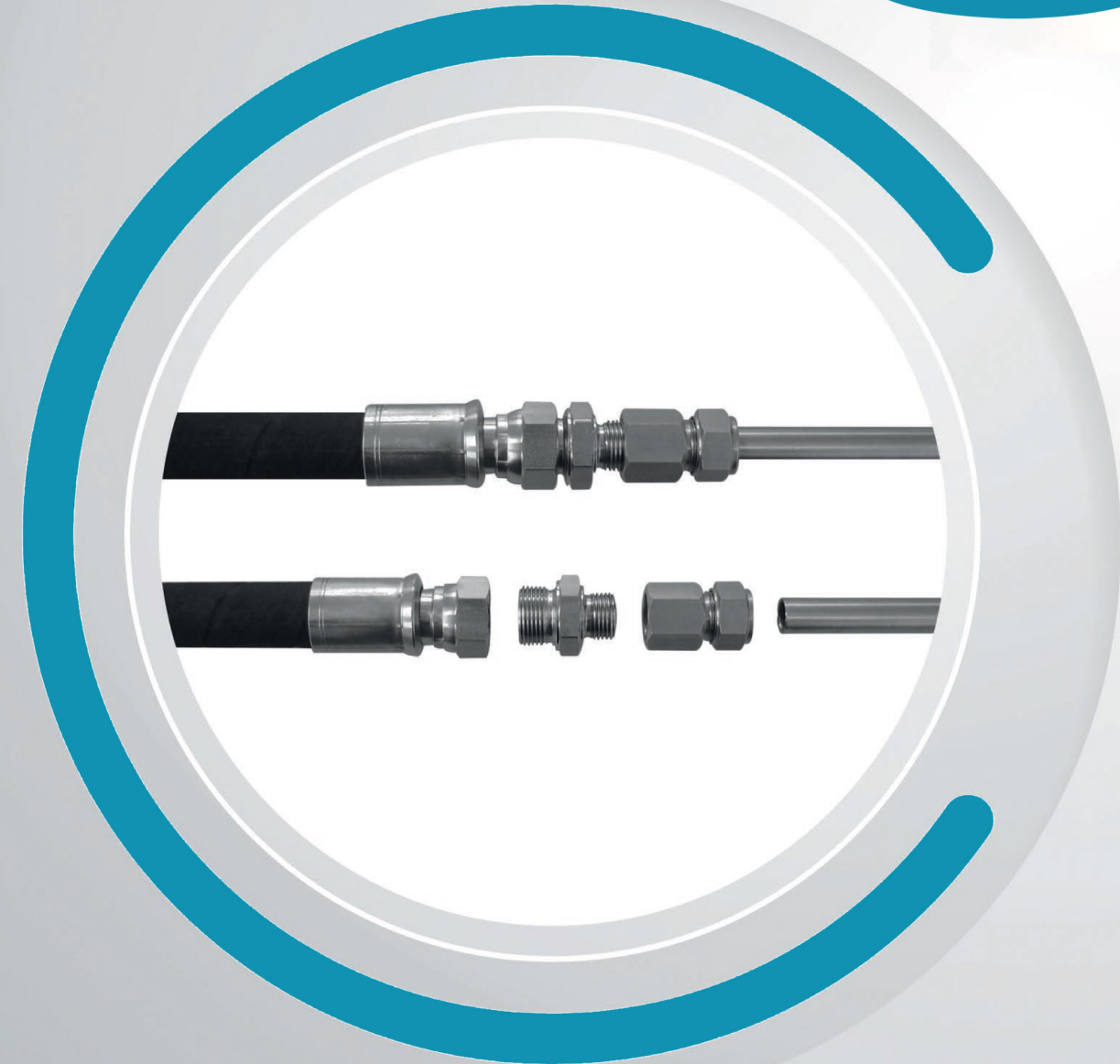
0.50mm HF
0.440 Lt./min



0.60mm HF
0.500 Lt./min.



0.70mm HF
0.590 Lt./min



HYDRAULIC HOSES

HYDRAULIC HOSES

HYDRAULIC HOSES

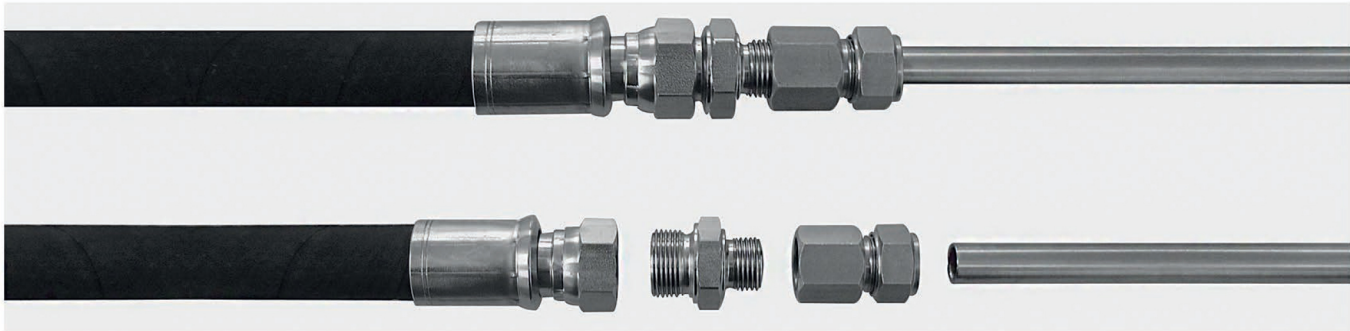
These hoses are the most economical way to transfer the high pressure water from pump room to different sections of the greenhouse.

SPECIFICATION OF HYDRAULIC HOSES

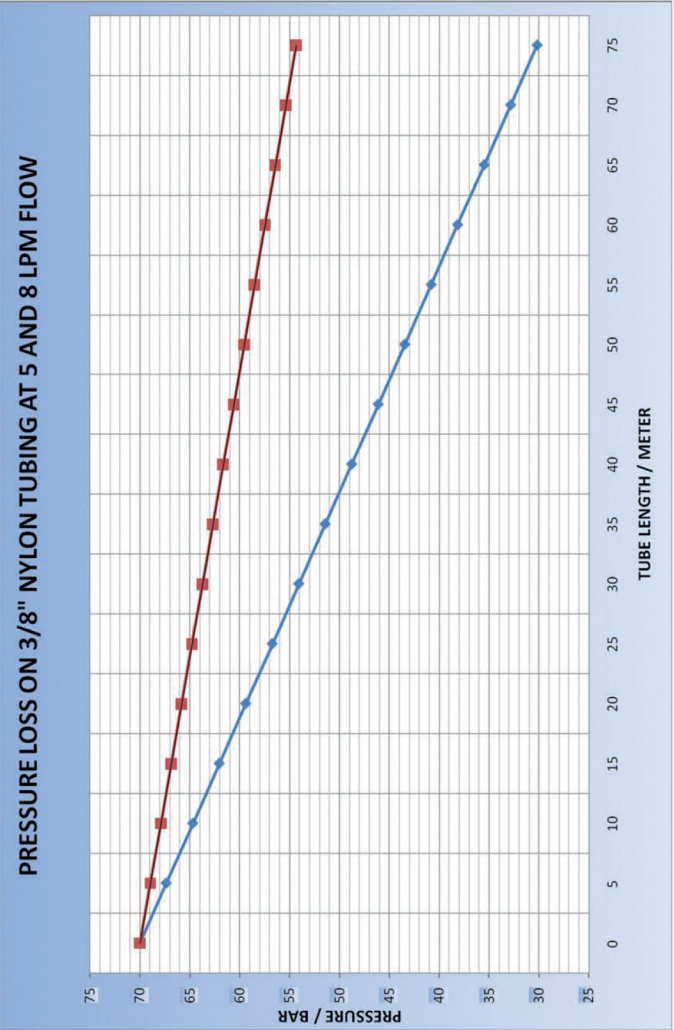
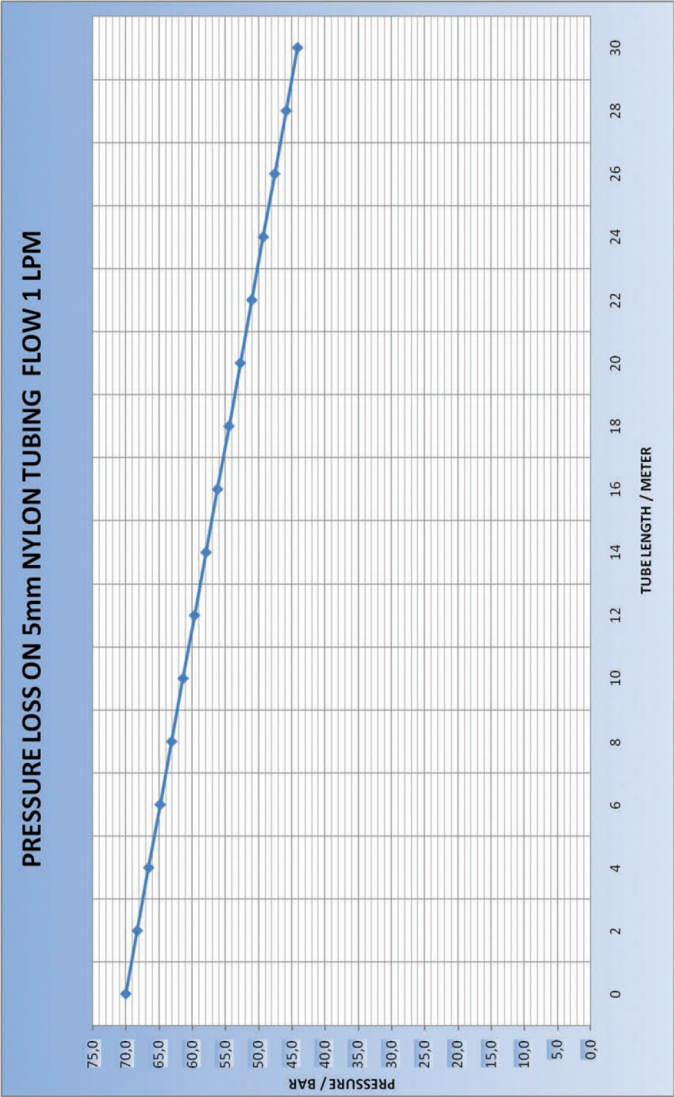
Tube: Mineral, vegetable and hydraulic oil resistant special synthetic rubber.
Reinforcement: High tensile steel wire braid.
Cover: oil, abrasion and weather resistant special synthetic rubber.

SIZE	INT. Ø mm	EXT. Ø mm	WORKING PRESSURE BAR	BURST PRESSURE BAR	MINIMUM BENDING RADIUS mm
5/16"	8,0	17,1	215	970	115
3/8"	9,5	19,4	180	820	130
1/2"	12,7	22,6	160	700	180
5/8"	16,0	25,8	130	600	200
3/4"	19,0	29,8	105	500	240
1"	25,4	37,6	88	385	300
1"1/4 Special Grade	31,8	49,8	125	620	420

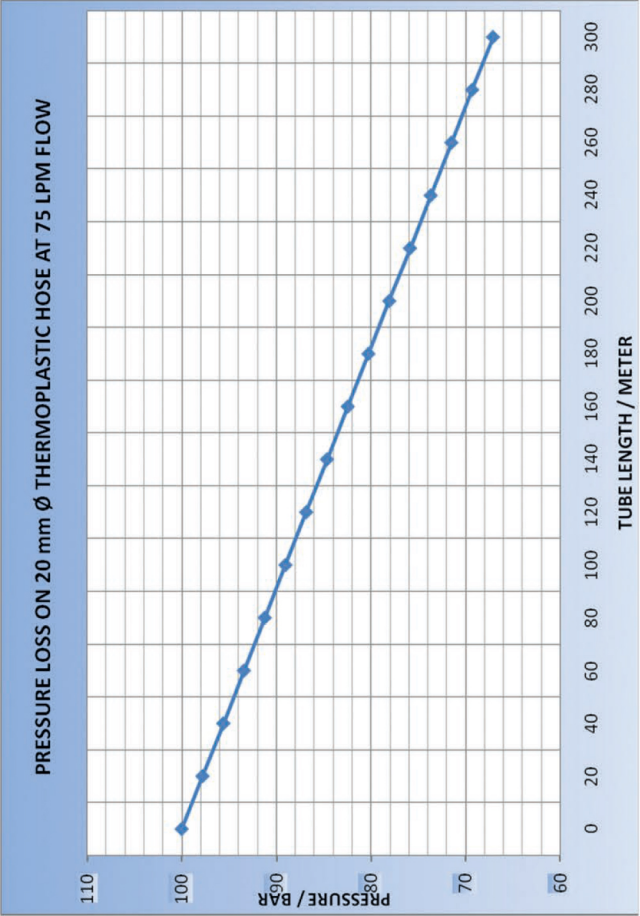
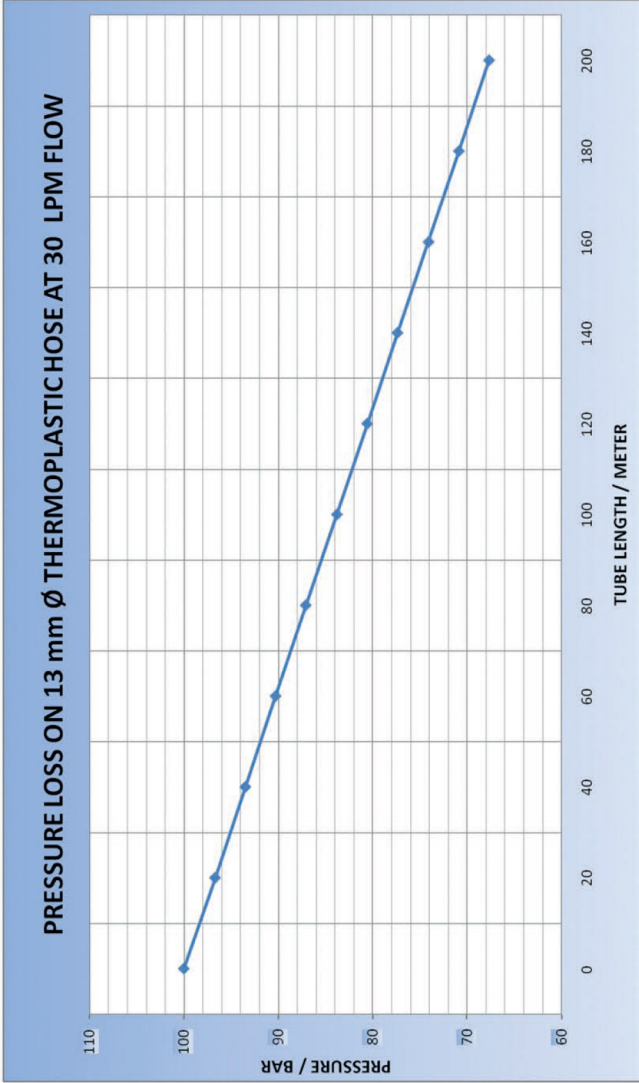
TYPICAL CONNECTION FROM HOSE TO SS PIPE



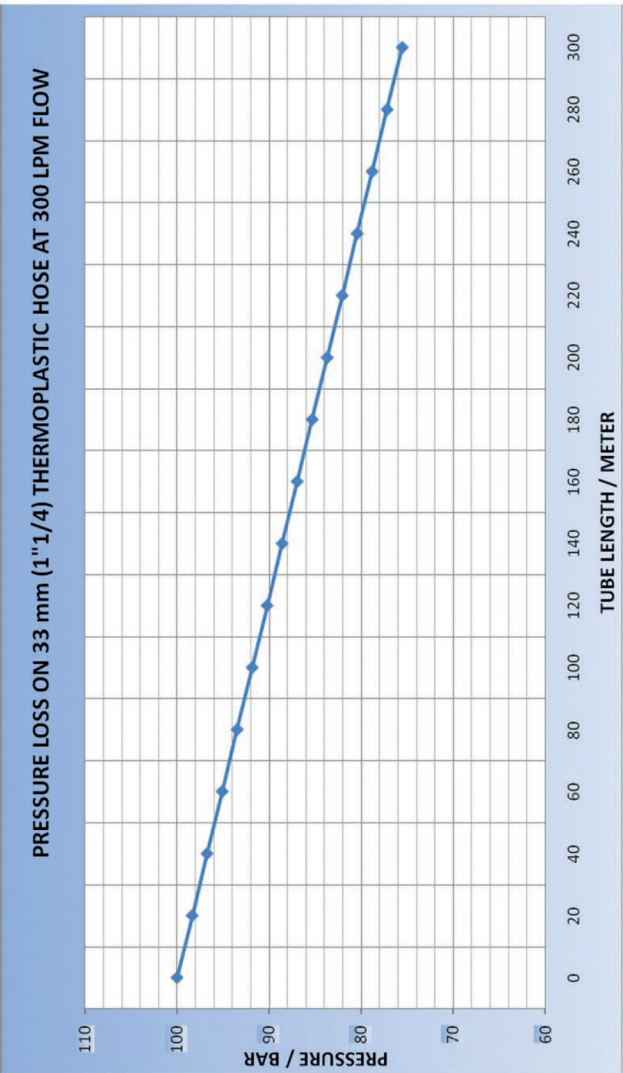
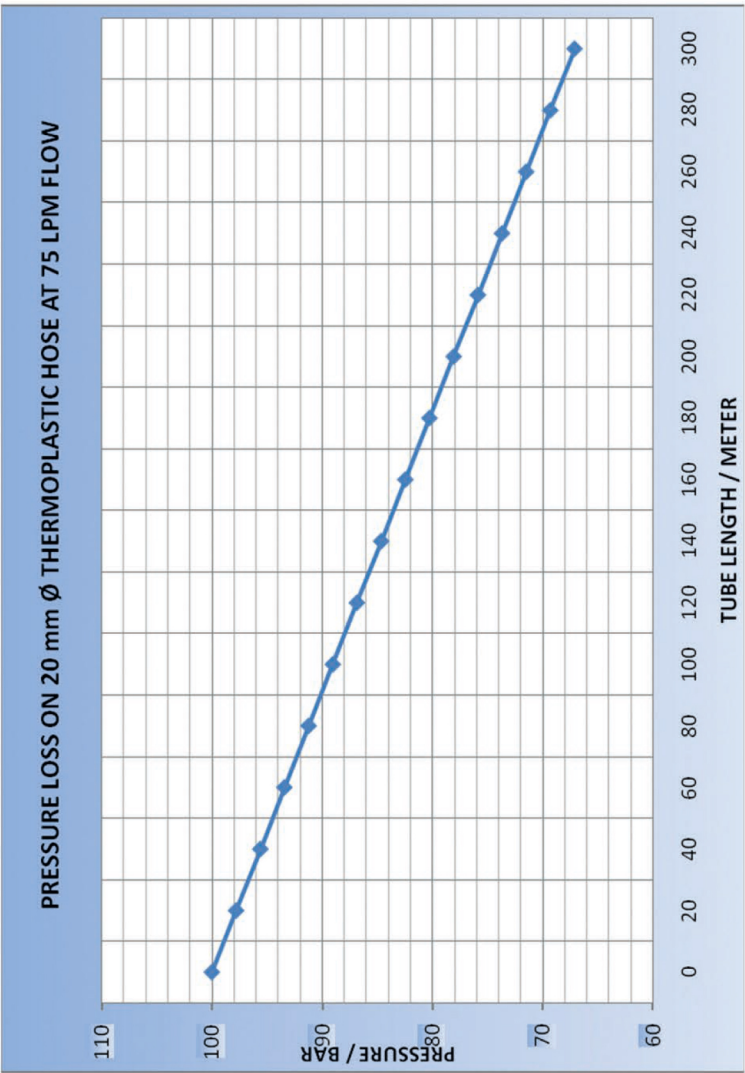
PRESSURE LOSS ON TUBES, PIPES AND HOSES
PRESSURE LOSS ON NYLON TUBES



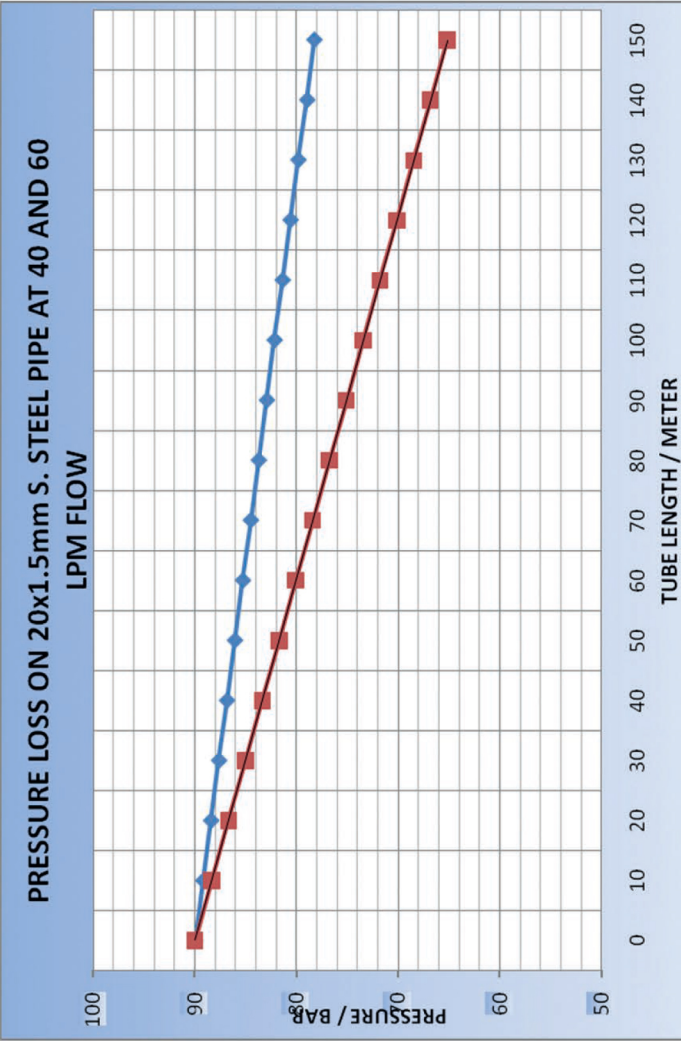
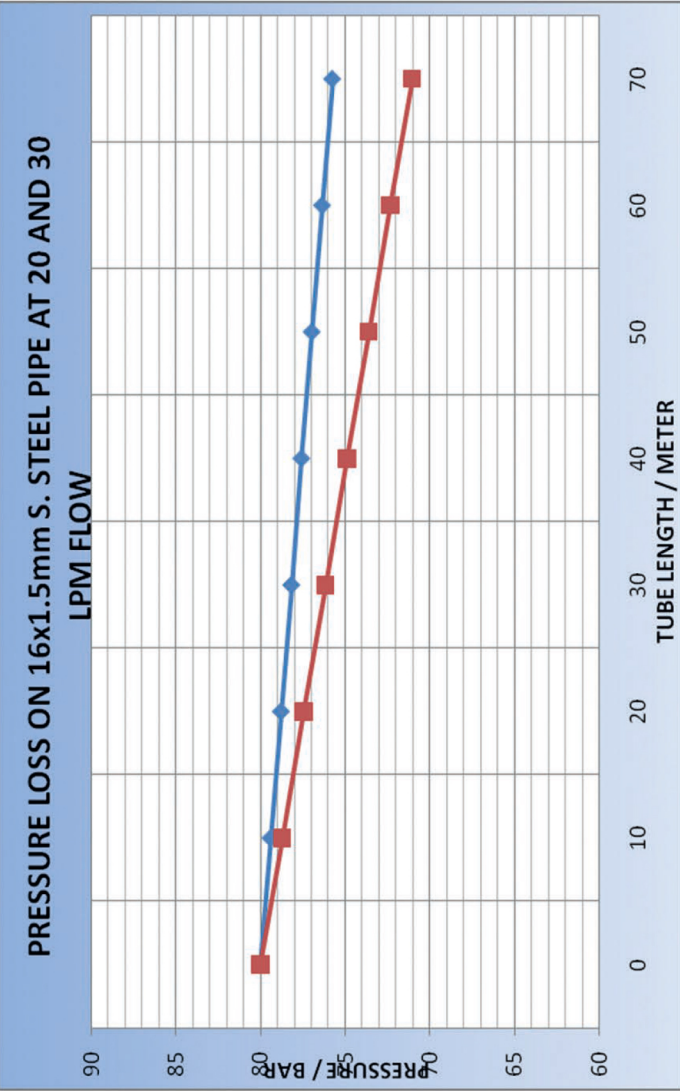
PRESSURE LOSS ON HYDRAULIC HOSES
16.5 mm = 5/8" 20 mm = 3/4"



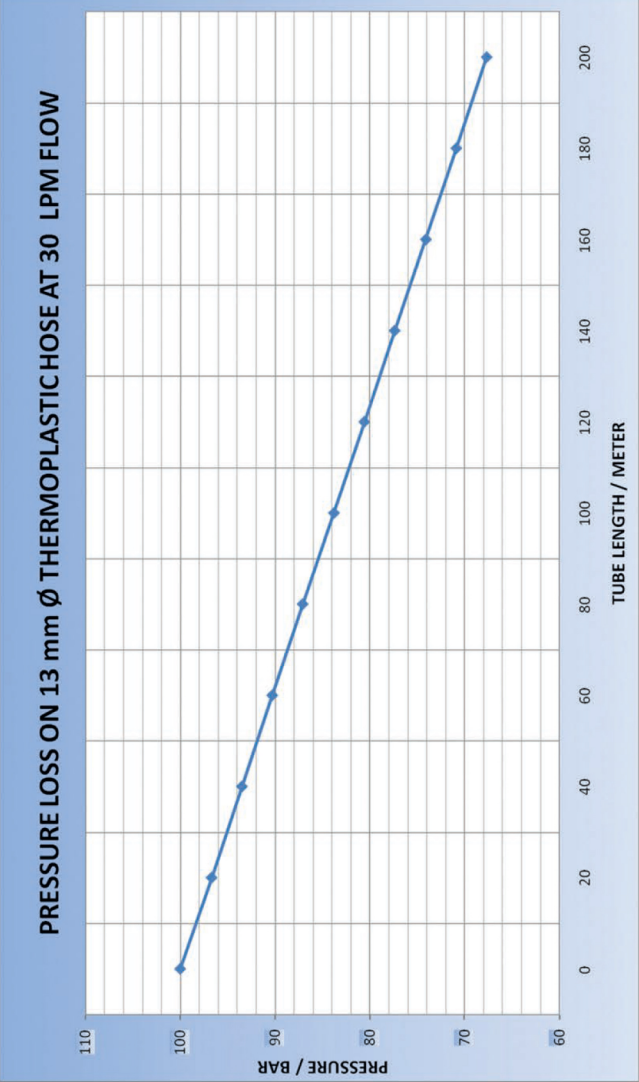
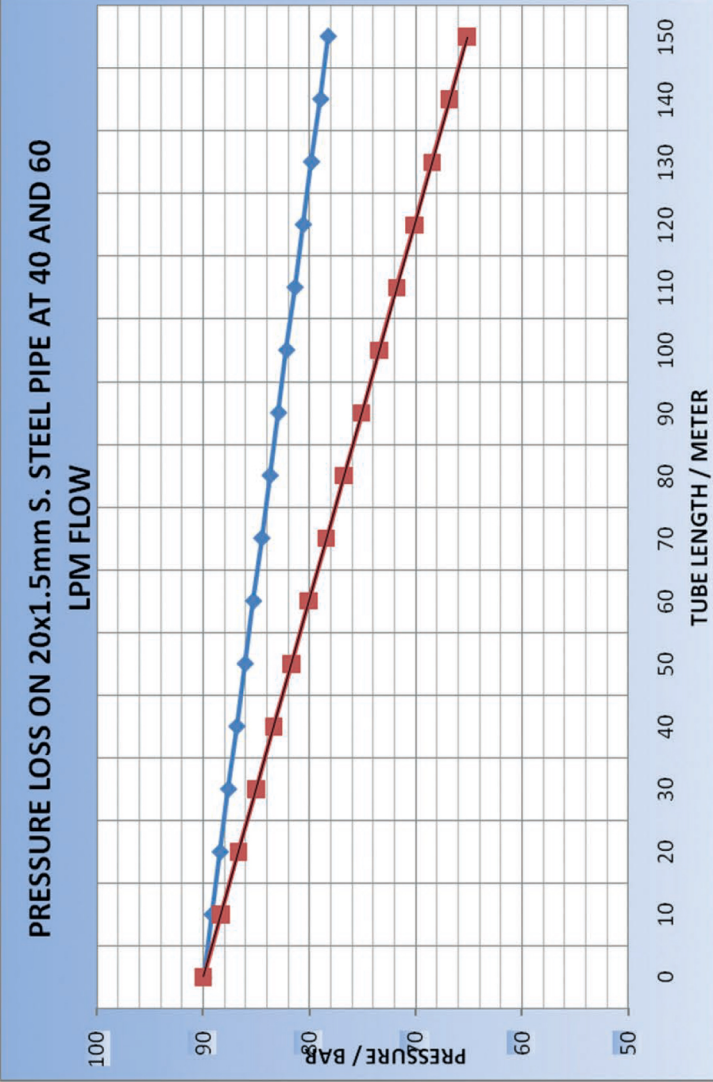
PRESSURE LOSS ON HYDRAULIC HOSES
25 mm = 1" 33 mm = 1 1/4"



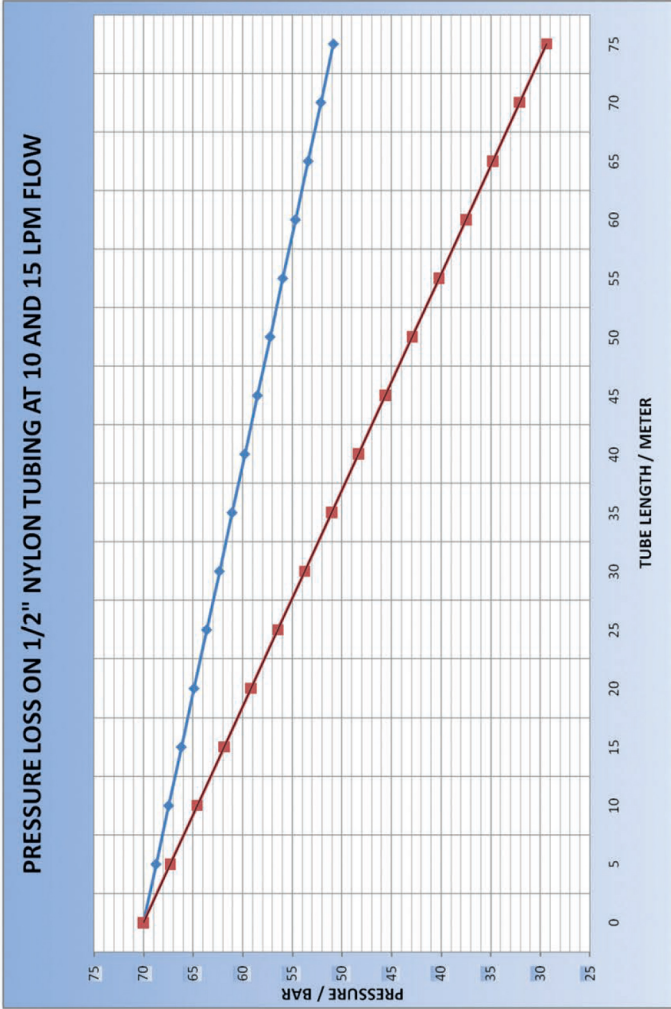
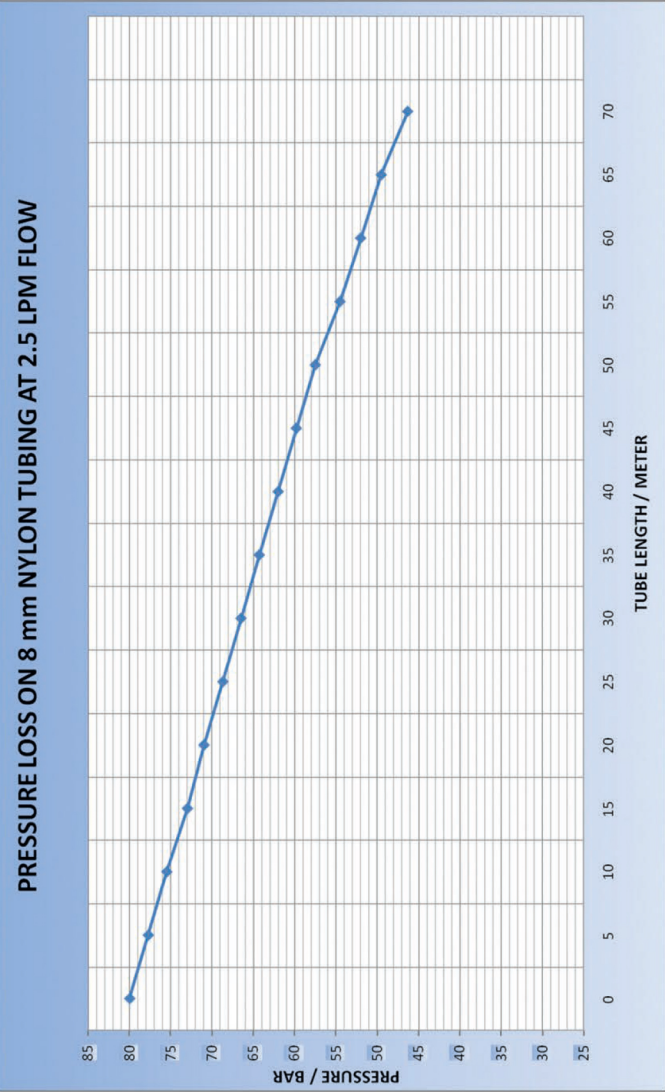
PRESSURE LOSS ON S. STEEL PIPES



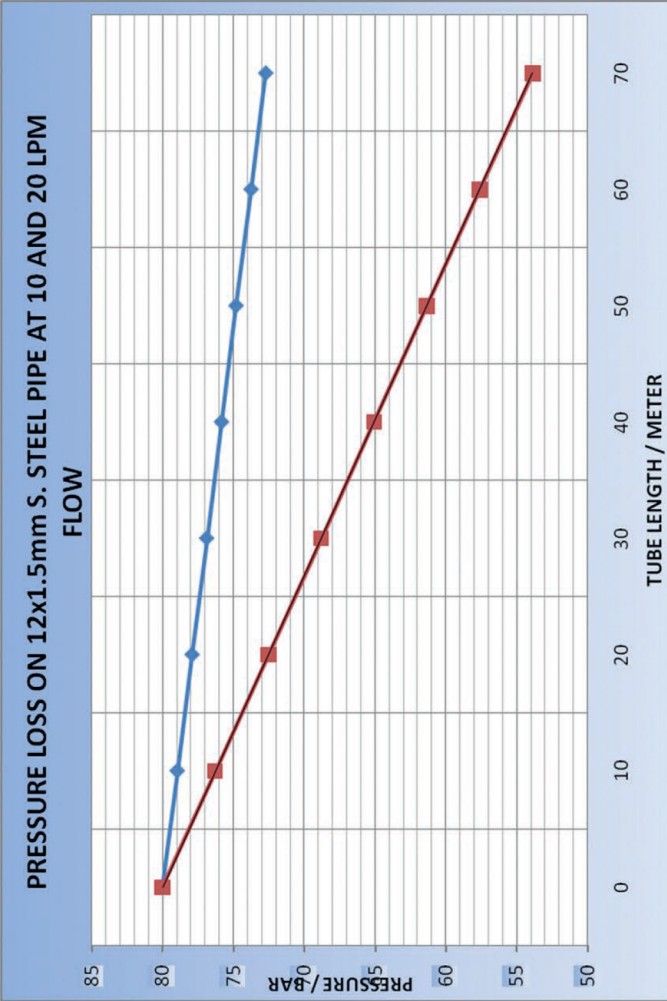
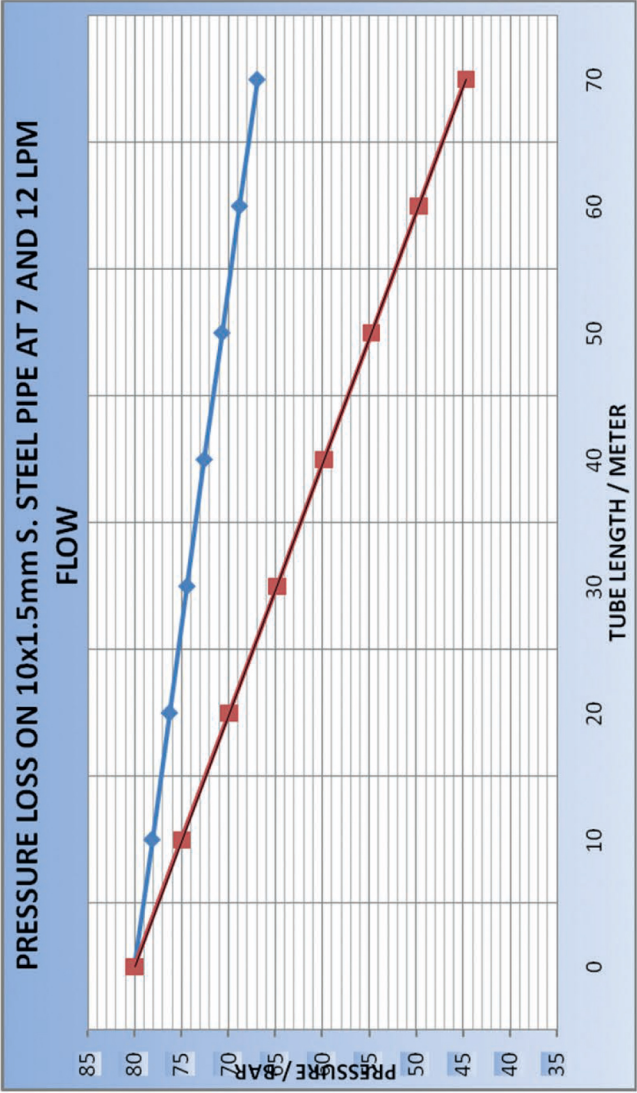
PRESSURE LOSS ON HYDRAULIC HOSES
9.3 mm = 3/8" 13 mm = 1/2"



PRESSURE LOSS ON NYLON PIPES



PRESSURE LOSS ON S. STEEL PIPES



HYDRAULIC HOSES

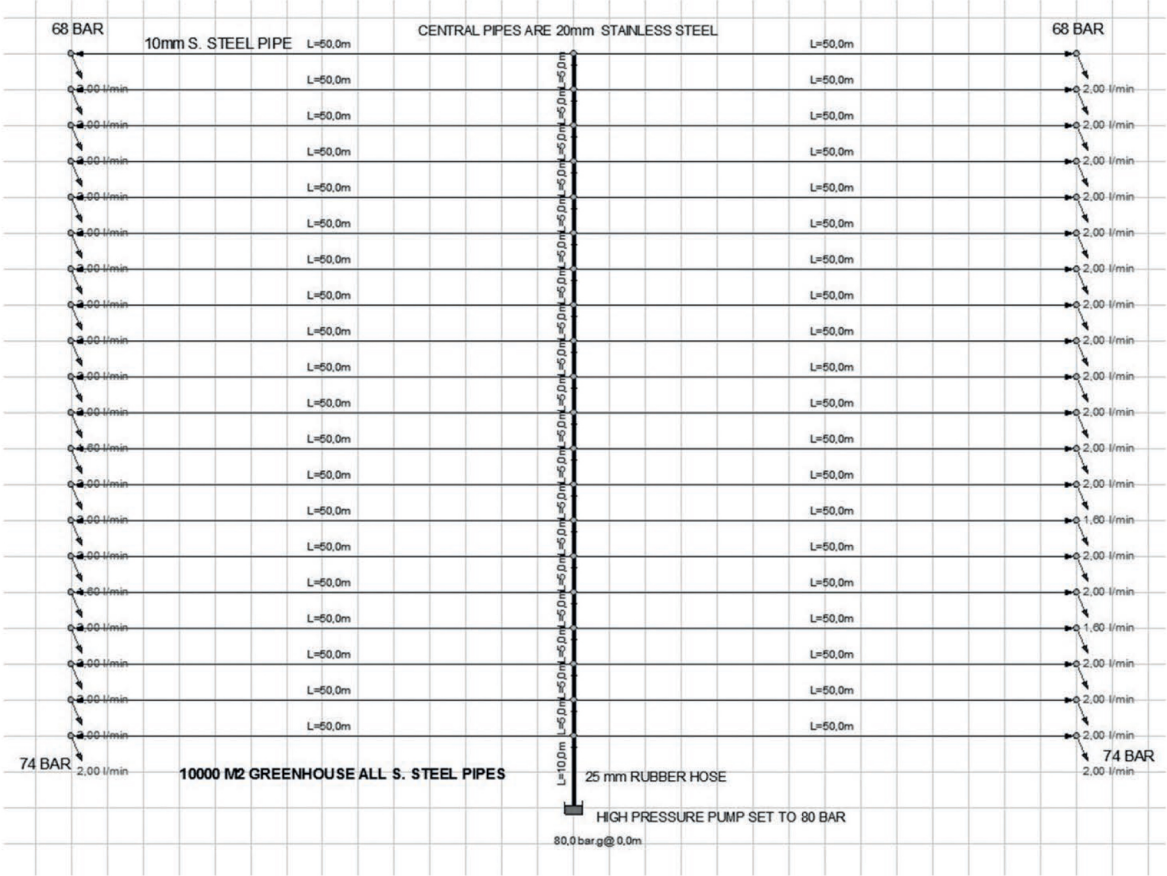
10000 M² GREENHOUSE EXAMPLE
ALL STAINLESS STEEL TUBE. CAPACITY 0.480 L/M²/H

2XAR50 100 Bar, 100 LPM high pressure pump unit.
Control Box with electronic ON/OFF Timer, humidistat, auto drain system, and pump protection.
Misting capacity 0.48 liters/m²/hour.



HYDRAULIC HOSES

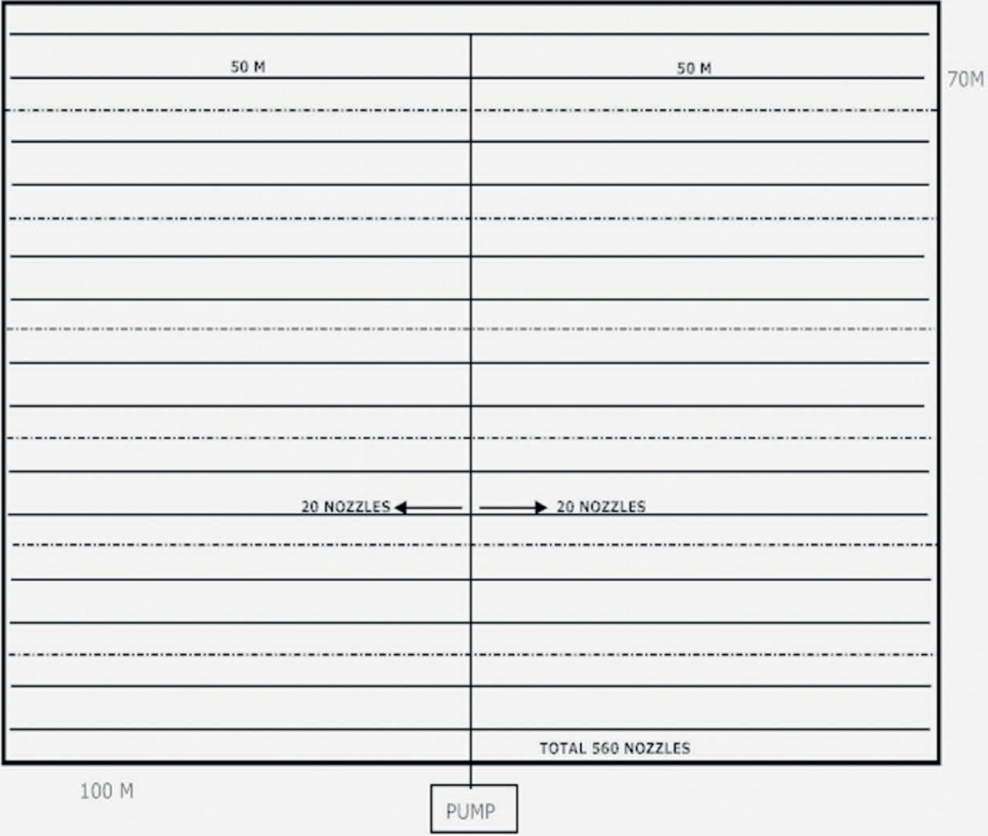
800 each 0.3 mm orifice, 0.1 lpm flow fine droplet hex nozzles.
Fittings for 10mm S. Steel tube are quick insert. Compression fittings for 20 mm S. Steel pipes.
Primary lines 20x1.5 mm Stainless Steel, secondary lines 10mm S. Steel pipe.
20" large double filter X 2 group. 5-20 and 20 microns cartridges.



HYDRAULIC HOSES

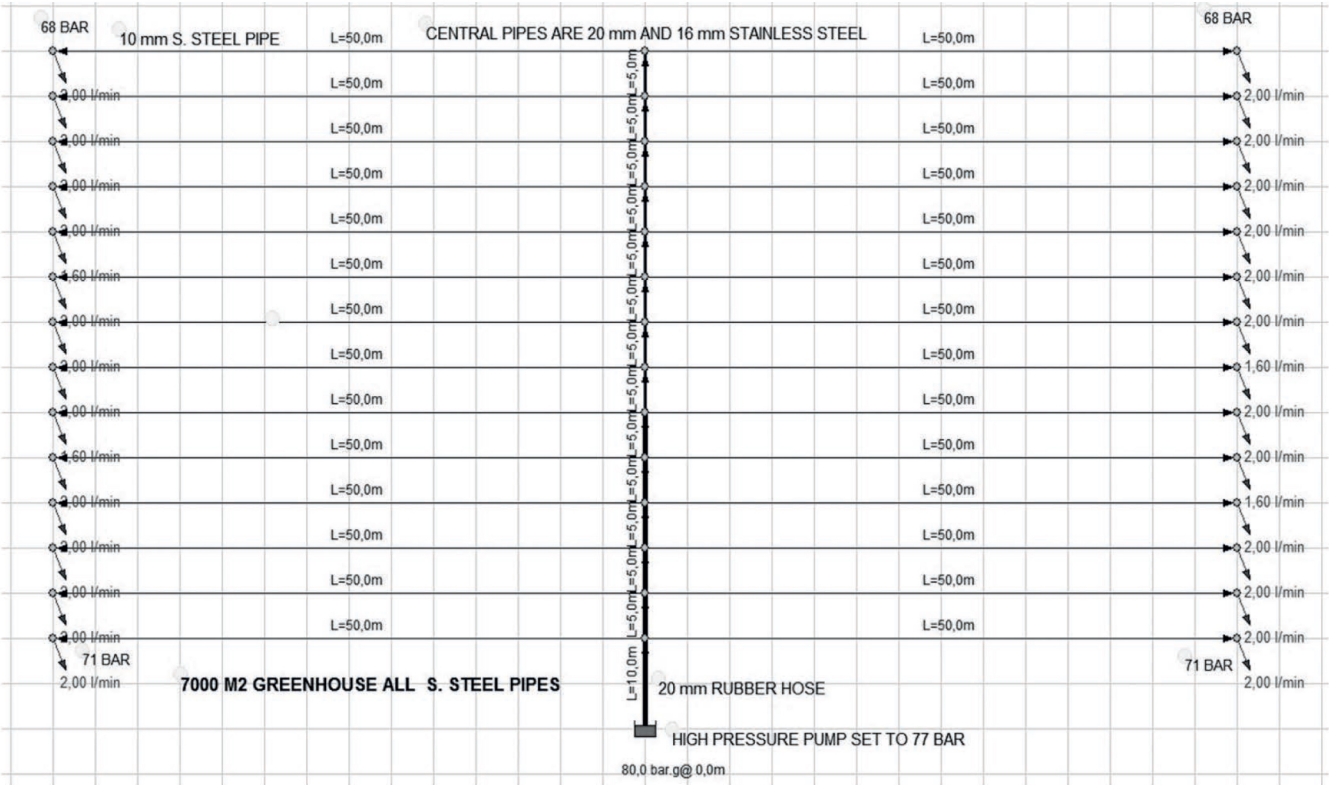
7000 M² GREENHOUSE EXAMPLE
ALL STAINLESS STEEL TUBE. CAPACITY .480 L/M²/H

2XAR36 100 Bar 72 lpm high pressure pump unit.
Control Box with electronic ON/OFF Timer, humidistat, auto drain system, and pump protection.
Misting capacity 0.48 liters/m²/hour.



HYDRAULIC HOSES

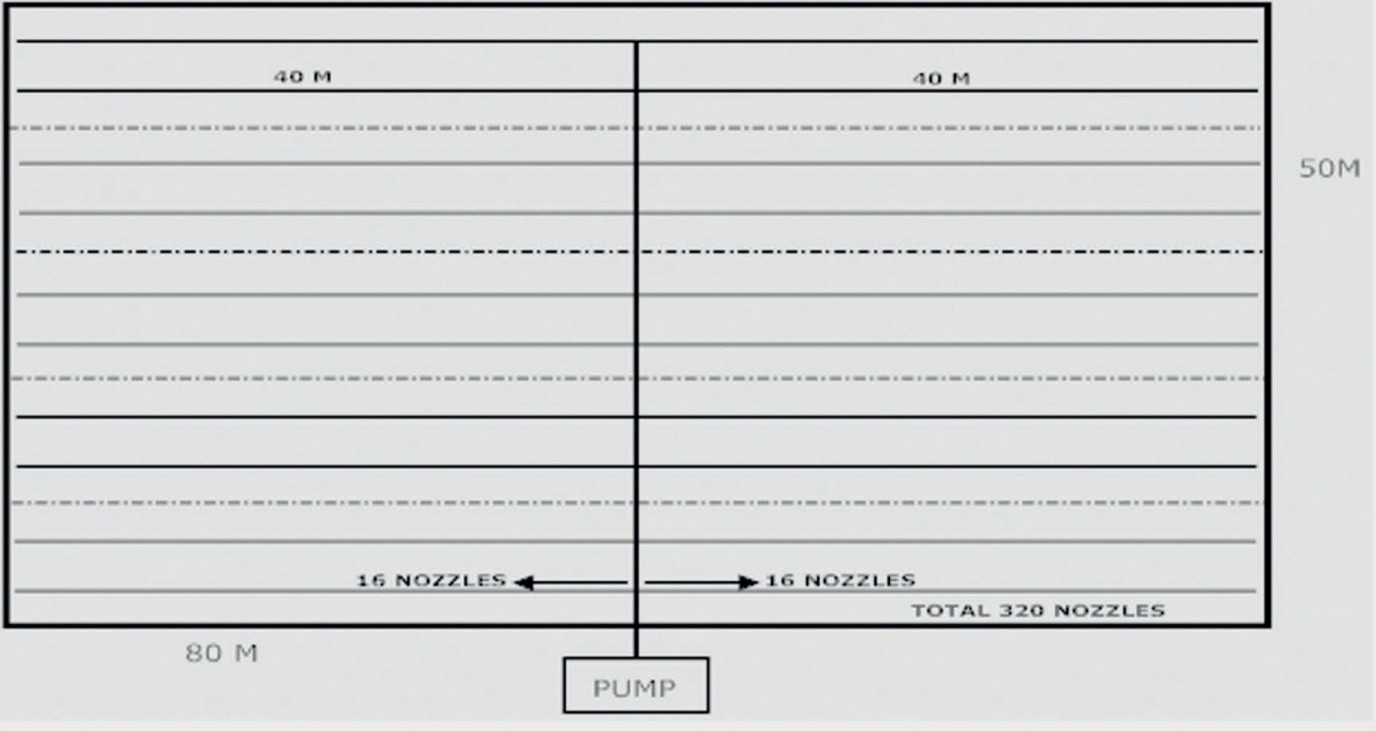
560 each 0.3 mm orifice, 0.1 lpm flow fine droplet hex nozzles.
Fittings for 10 mm SS pipe are quick insert. Compression fittings for S. Steel pipes 16 and 20 mm.
Primary lines 20x1.5 mm and 16x1.5 mm Stainless Steel, secondary lines 10 mm stainless steel.
20" large double filter group. 5-20 and 20 microns cartridges.



HYDRAULIC HOSES

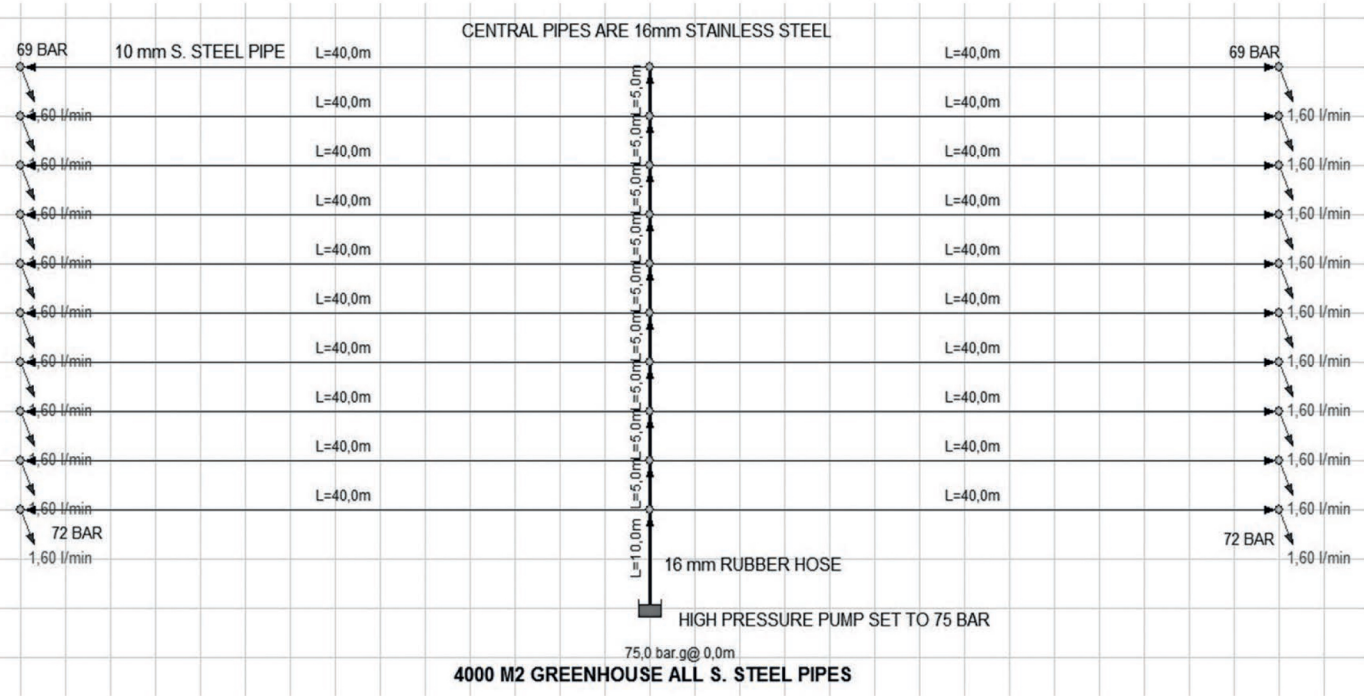
4000 M² GREENHOUSE EXAMPLE
ALL STAINLESS STEEL TUBE. CAPACITY 0.480 L/M²/H

AR36 100 Bar 36 lpm high pressure pump unit.
Control Box with electronic ON/OFF Timer, humidistat, auto drain system, and pump protection.
Misting capacity 0.48 liters/m²/hour.

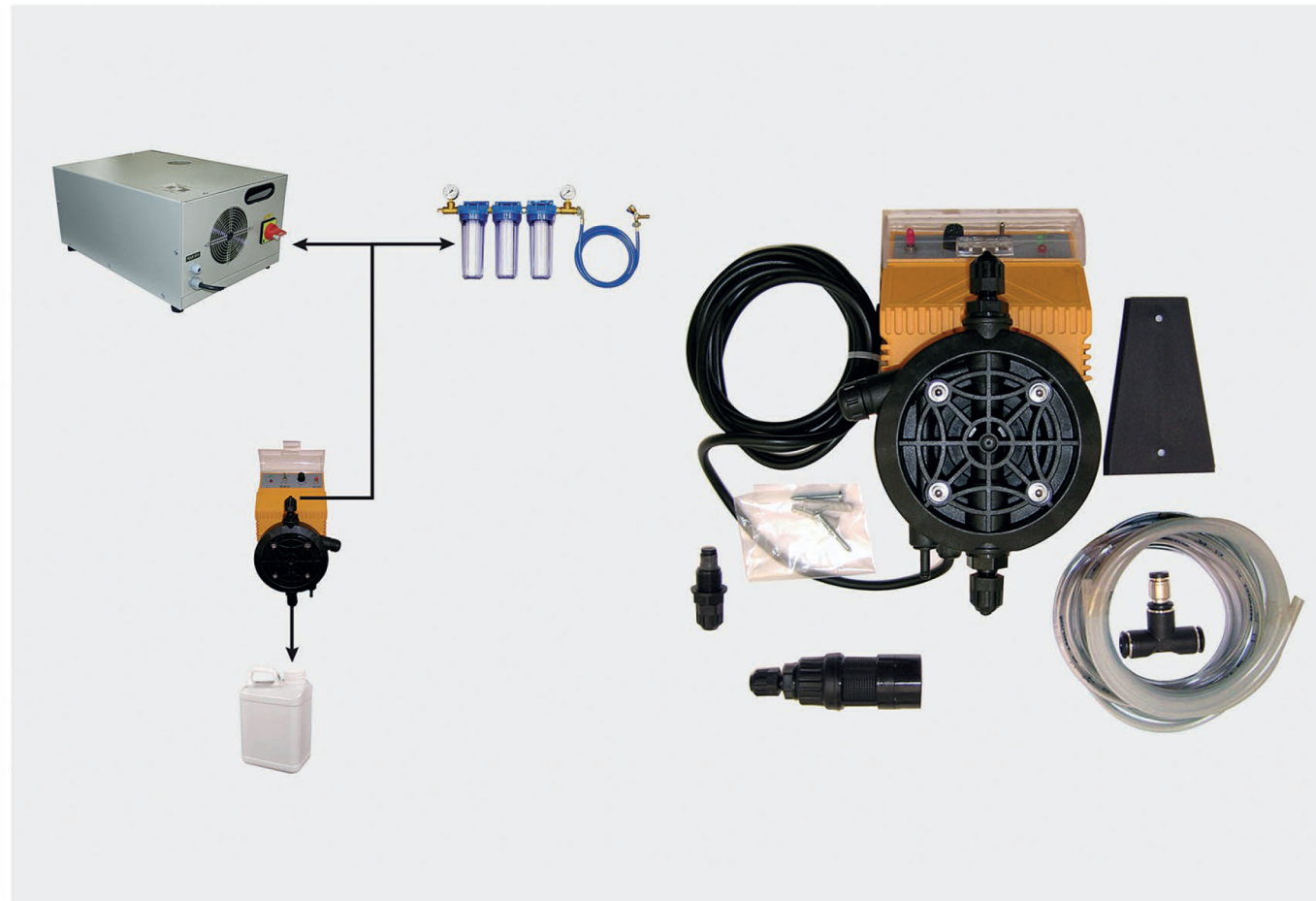


HYDRAULIC HOSES

320 each 0.3 mm orifice, 0.1 lpm flow fine droplet hex nozzles.
Fittings for 10 mm steel tube are quick insert (slip-lock). Compression fitting for 16 mm S. Steel pipes.
Primary lines 16x1.5 mm Stainless Steel, secondary lines 10 mm stainless steel.
20" triple filter group. 5-10-25 microns.



Dosing pump



Parfuming the air is also possible by addition of our dosing pump kit



0305001



10" Triple filter unit

3x10" housings
3 filters
5, 10, 25 microns
Max flow 25 liters per minute
Max working pressure 6 Bar
Entry and output size is slip-lok 12 mm
Weight 5.7 kg

0305002



20" Triple filter unit

3x20" housings
3 filters
5, 10, 25 microns
Max flow 45 liters per minute
Max working pressure 6 Bar
Entry and output size is 20 mm
Weight 7.8 kg

20" Jumbo double filter unit

1" Water inlet and outlet
5 and 20 Microns
Max working pressure 6 bar
Max flow 70 liters per minute

0305000



20" Jumbo triple filter unit

1" Water inlet and outlet
5-10 and 20 Microns
Max working pressure 6 bar
Max flow 70 liters per minute

0305001





SCW 36

Specifications

Air (@ 10')	TBD
Blade Color	Gray
Brand	Sch
Cfm (free Air)	11690
Drive	Direct
Housing Material	Polyethylene
Phase	1
Speeds	1
Vfd Compatible	No
Cfm/watt (free Air)	25.1
Cord	Included - Not Wired
Diameter (inches)	36
Frequency (hz)	60

Guard Color	White
Nameplate Amps	7/3.5
Number Of Wings	3
Bess Lab Performance Test #	13213
Power (hp)	1/2
Product Dimensions (L X W X H Inches)	TBD
Product Net Weight (lbs)	130
Switch	Not included
Voltage	115/230
Air Velocity (@ 5 Times Diameter)	810
Blade Material	Galvanized Steel
Cfm (high)	TBD
Cfm Calculation Standard	ANSI/AMCA Standard 230-99

Product Color	White
Speed Control Compatible?	No
Cfm Range (free Air)	10001 - 15000
Cord Length (feet)	5
Fixed Or Portable	Fixed
Guard Material	Powder Coated Steel
Oscillating	Yes
Country Of Origin	US
Guard Spacing (inches)	1/2 - 1 UL507
Housing Color	White
Cfm/watt (@0.10")	TBD
Cfm/watt (@0.05")	TBD



SCB 36

Specifications

Air (@ 10')	TBD
Blade Color	Gray
Brand	Sch
Cfm (free Air)	11690
Drive	Direct
Housing Material	Polyethylene
Phase	1
Speeds	1
Vfd Compatible	No
Cfm/watt (free Air)	25.1
Cord	Included - Not Wired
Diameter (inches)	36
Frequency (hz)	60

Guard Color	White
Nameplate Amps	7/3.5
Number Of Wings	3
Bess Lab Performance Test #	13213
Power (hp)	1/2
Product Dimensions (L X W X H Inches)	TBD
Product Net Weight (lbs)	130
Switch	Not included
Voltage	115/230
Air Velocity (@ 5 Times Diameter)	810
Blade Material	Galvanized Steel
Cfm (high)	TBD
Cfm Calculation Standard	ANSI/AMCA Standard 230-99

Product Color	Black
Speed Control Compatible?	No
Cfm Range (free Air)	10001 - 15000
Cord Length (feet)	5
Fixed Or Portable	Fixed
Guard Material	Powder Coated Steel
Oscillating	Yes
Country Of Origin	US
Guard Spacing (inches)	1/2 - 1 UL507
Housing Color	White
Cfm/watt (@0.10")	TBD
Cfm/watt (@0.05")	TBD



CTF 1

TECHNICAL PARAMETERS

Model no. BTF	Diameter (mm)	Voltage (V)	Frequency (Hz)	Speed (r/min)	Watts (W)	Capacity (m³/min)	Static (pa)	Noise dB(A)
CTF-1-24"	600	110	50/60	960/1120	370/420	170/180	90/105	62
CTF-1-24"	600	220~240	50/60	960/1120	370/420	170/180	90/105	62
CTF-1-28"	700	110	50/60	960/1120	500/550	205/220	105/120	65
CTF-1-28"	700	220~240	50/60	960/1120	500/550	205/220	105/120	65
CTF-1-32"	800	110	50/60	720/850	600/650	240/260	110/120	67
CTF-1-32"	800	220~240	50/60	720/850	600/650	240/260	110/120	67
CTF-1-36"	900	110	50/60	720/850	800/850	330/350	125/135	70
CTF-1-36"	900	220~240	50/60	720/850	800/850	330/350	125/135	70



RC

Item no	LC008HP
Name	RC
Voltage	220V
Frequency	60Hz
Power	600W
Nozzle	5A
Air-flow	160m³/min
Spray Effective distance	10-20m
Pressure	20Kg
Specification	20"
Pcking	1
MEAS	0.21
G.W	30 Kg



SAR
الشركة السعودية للخطوط الحديدية


وزارة التعليم
Ministry of Education


الفيصلية
AL FAISALIAH




المملكة
KINGDOM


انتركونتيننتال
الرياض


HOMETOWN
SPECIALITY COFFEE


MANUEL
Caffé


الرياض

الجمارك السعودية
SAUDI CUSTOMS 


مركز غرناطة
GRANADA CENTER


Caffè
Teti



Cities Systems Corporation
Creative solutions in fog systems

Fog Systems

info@cities-systems.sa
www.cities-systems.sa

- C/Principe de Vergara,89 28006Madrid-Spain / +34 660 184 481
- Airport Road, Building 7 The Business Gate, Riyadh 11683 / +966 53 336 0688 / +966 50 558 0899