

## THB F.R.L. Air Control Unit



FRL 202



FRL 804



C 908A



R-704



FR724



L 724



FRL 724

### Specification

DESCRIPTION \ TYPE	FRL202	FRL804	FRL724	C908A
PORT SIZE (PT, NPT)	1/4"	1/2"	1/2"	1"
FILTER ELEMENT	5μ	5μ	5μ	5μ
MAX INPUT PRESSURE (PSI)	150	215	250	250
MAX OUTPUT PRESSURE (PSI)	7~14	150	225	225
MAX FLOW (L/MIN)	1100	3000	4000	5200
OPERATING TEMP RANGE	5°C~60°C	5°C~60°C	5°C~60°C	5°C~60°C
DRAIN CAPACITY	15ml	80ml	80ml	300ml
OIL CAPACITY	30ml	125ml	150ml	350ml
RECOMMENDABLE LUBRICANTS	ISO VG-32	ISO VG-32	ISO VG-32	ISO VG-32

FRL-Filter, Regulator & Lubricator

# Main Line Filter

## FLMA968 (1")

### Pre-Filter F96

The first filter stage separates particle  $>5\mu$  condensed water and oil. The inside filter element of PE material separates the particles large than  $5\mu$ . Centrifugal force from Cyclone type filter removes water, oil and impurities.



### Activated-Charcoal-Filter FA96

For absorption of oil vapors, Protecting the painter from the harmful vapors and gases.  
Filter Element:  $0.01\mu$

### Micro-Filter FM96

The second filter stage separates smallest particle  $>0.01\mu$  efficiency to 99.998%  
Filter Element:  $0.01\mu$

### Features:

1.  $5\mu$  filter element:  
Remove oil, condensed water and particles  $>5\mu$
2.  $0.01\mu$  filter element:  
Remove 99.99% particles and oil  $>0.01\mu$
3. Active charcoal filter element:  
Absorb oil of vapors and harmful gases.

**Maximum Pressure: 15bar**

### Application

FM Type: Paint Spray Gun, Control systems, Sandblast, Fluids, Air condition systems.

FA Type: Packing Industry, Food & Beverage Industry, Pressure Chambers, Medicinal & Dental Technology.

## Coalescing Filter/Desiccant Dryer



FLM863

Desiccant

### TECHNICAL SPECIFICATION

Medium	Air
Port Size	3/8"
Filter Element	$0.01\mu$
Max. Pressure	150 psi
Max. Flow	300 L/min
Operation Temperature Range	5~60 °C
Drain Capacity	80ml

### Features:

1. The Red Service Indicator will rise when filter element needs to be changed.
2. Desiccant beads change color from blue to pink when they need to be changed or reactivated.
3.  $0.01\mu$  filter element removes 99.9% of oil vapor particles.
4. Clear bowl with metal guards provides easy viewing for contents as well as providing impact protection.
5. Quick release bowl for easy maintenance.
6. An additional filter after desiccant beads to ensure clean downstream air.

### Function:



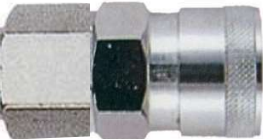



1. Coalescing filter removes oil vapors, which can get past standard filters and water separators.
2. Desiccant dryer reduces humidity in compressed air lines, a MUST HAVE for paint spraying operations.
3. Used for Paint Spray Gun & Air Measuring Instruments.

# THB Quick Release Coupler

## NITTO STYLE (MATERIAL-STEEL)

20SHA	5/16" (HOSE)			20PHA	5/16" (HOSE)
30SHA	3/8"(HOSE)			30PHA	3/8"(HOSE)
40SHA	1/2"(HOSE)			40PHA	1/2"(HOSE)
20SFA	1/4"(PT)			20PFA	1/4"(PT)
30SFA	3/8"(PT)			30PFA	3/8"(PT)
40SFA	1/2"(PT)			40PFA	1/2"(PT)
20SMA	1/4"(PT)			10PMA	1/8"(PT)
30SMA	3/8"(PT)			20PMA	1/4"(PT)
40SMA	1/2"(PT)			30PMA	3/8"(PT)
20SPA	5×8MM			40PMA	1/2"(PT)
30SPA	6.5×10MM			20PPA	5×8MM
40SPA	8×12MM			30PPA	6.5×10MM
				40PPA	8×12MM

## NITTO STYLE (HIGH FLOW TYPE)

400 SHA	1/2"HOSE			400 PHA	1/2" HOSE
600 SHA	3/4"HOSE			600 PHA	3/4" HOSE
800 SHA	1"HOSE			800 PHA	1" HOSE
400 SFA	1/2"PT			400 PFA	1/2" PT
600 SFA	3/4"PT			600 PFA	3/4" PT
800 SFA	1"PT			800 PFA	1" PT
400 SMA	1/2"PT			400 PMA	1/2" PT
600 SMA	3/4"PT			600 PMA	3/4" PT
800 SMA	1"PT			800 PMA	1" PT

## RECTUS TYPE (MATERIAL-BRASS)

20SFB	1/4"G			20PMB	1/4"G
30SFB	3/8"G			20PFB	1/2"G
30SHB	3/8"Hose				

### SPECIFICATION:

Working Pressure: 15 Bar  
 Max Pressure: 20 Bar  
 Temp. Range: -20°C~+80°C

### APPLICATION:

Pneumatic Tools  
 Air Piping  
 Air Pressure Equipment

# Plastic Coupler & Manifold

## NITTO TYPE

PART NO.	SIZE
S1A-20SP	5X8 mm Hose
S1A-30SP	6.5X10 mm Hose
S1A-40SP	8X12 mm Hose



### Features:

1. The design of 3 layers sealing for excellent air tight.
2. Plastic sleeve with metal bush inserted for abrasion resistance and longer life use.
3. Working pressure: 10 Bar
4. Better to prevent the body surface from impacting and scratching.
5. Available for electrical insulation.

## MULTI COUPLERS (Body-Aluminum, Coupler-Steel)



SMV



SMY



SML



SMT



SMM



SMX

## SWIVEL MULTI COUPLERS (STEEL)



SRL-S10



SRLT-S10

### Specification

Working Pressure: 15 Bar  
 Maximum Pressure: 20 Bar  
 Temperature: -20°C~ + 80°C  
 Port Size: 1/4"

### Features:

1. Three or two couplers can apply for three or two working stations.
2. The manifold can be 360 rotated which would be more convenience for users.

## Three Function Tire Pressure Gauge

### Specification

DESCRIPTION	TYPE	B20	B25D
PORT SIZE (PT, NPT)		1/4"	
MAX PRESSURE		14kgf/cm <sup>2</sup> (200 PSI)	
TEMP RANGE		-20°C~80°C	
NOZZLE LENGTH		30 cm	85 cm
PRESSURE GAUGE		2"	2.5"

### APPLICATIONS

- \* Truck
- \* Car
- \* Motorcycle
- \* Bicycle Tire
- \* Inflating toys

### FEATURES

- \* Measure precisely the tire pressure.
- \* Release unnecessary pressure.
- \* Inflate it quick.
- \* Tire chuck change convenience, (Optional clamp chuck 6" dual chuck.
- \* Hose swivel connects the tire maneuverability.
- \* hanging hook convenience for storage.



**B-90 Air Blower**  
Max pressure : 200PSI



**B-60**  
Max pressure : 240 PSI  
Air Flow : 1500 L/m@10kgf/cm<sup>2</sup>



**B-61**  
Max pressure : 240 PSI  
Air Flow : 1500 L/m@10kgf/cm<sup>2</sup>



**B-40A**  
Engine Cleaning Gun



**B-70S10**  
Pocket Blow Gun



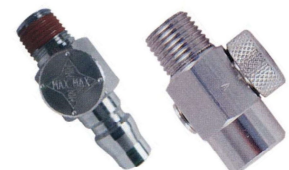
**L-102**  
1/4" Mini Oiler



**J-702**  
1/4" Swivel fitting



**V-202**  
1/4" Swivel Connector



**N52-20PMA / N-502**  
1/4" Air Flow Control Valve



**For Instrumentation & Pneumatic Control System**  
(IN STRAIGHT AND COIL FORM)

**PU ROLL**

ITEM CODE	SIZE	Standard Length Per Roll
HUS2504	2.5x4	200
HUS0406	4x6	200
HUS0508	5x8	100
HUS0608	6x8	100
HUS6510	6.5x10	100
HUS0810	8x10	100
HUS0812	8x12	100
HUS1012	10x12	100
HUS1216	12x16	50



**PU COIL**



\* Connector/QRC are not included with coil

ITEM CODE	SIZE	Standard Length Per Coil
HUR050805	5x8	5
HUR050810	5x8	10
HUR050815	5x8	15
HUR081205	8x12	5
HUR081210	8x12	10
HUR081215	8x12	15

- LIGHT WEIGHT
- SPACE SAVING
- ANTI - SPARK
- FLEXIBILITY
- HIGH CUTTING STRENGTH
- MULTI COLOUR
- EXCELLENT RESISTANCE TO ABRASION, OZONE HYDROCARBON