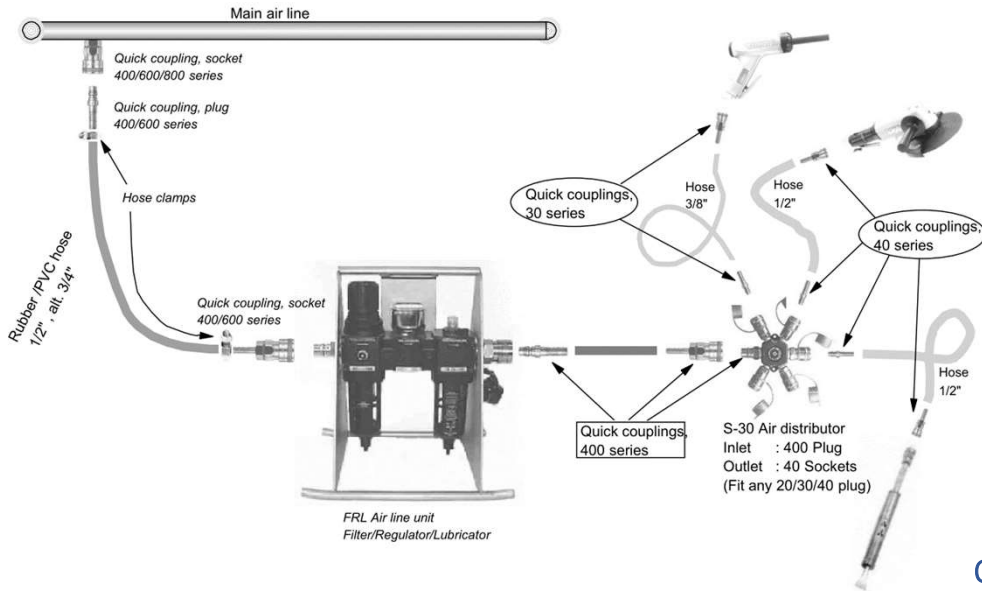


UNITOR™ Quick Coupling System

Safe and secure way to build efficient, leak free air distribution lines and air tools



Example of Set-Up



Product Features

- Material: Stainless Steel, SS304
- Working pressure: 15 bar (Safety Test Pressure: 45 bar)
- Connecting types: Male/Female thread, Hose Stem
- Product Conformance according to JPE UNITOR Technical Standards and Design & ISO Standards

- 20-30-40 series are interchangeable.
- 400-600-800 series are interchangeable.
- **BUT no interchangeability between the series!**

Product Types

2 digit series (20-30-40):

- Standard type, normal flow couplers, used in connection with single air tools.

3 digit series (400-600-800)

- Less pressure drop and allowance for higher air flow, mostly used on main air lines.

Medusa Air Distributor

- The Medusa is an ideal product for distributing air to several tools or other sources needing air



Ordering Guide

NUMBER SERIES		LETTER SERIES	
Normal Flow Couplers			
<i>Mainly used for air supply to one tool</i>			
20	1/4" connection (flex. hose/ threads)	USH	Socket, Hose Stem (1/4" - 1")
30	3/8" connection (flex. hose/threads)	USM	Socket, Male Thread (1/4" - 1")
40	1/2" connection (flex. hose/threads)	USF	Socket, Female Thread (1/4" - 1")
High Flow Couplers			
<i>Mainly used for main air lines, supply to several tools</i>			
400	1/2" connection (flex. hose/threads)	UPH	Plug, Hose Stem (1/4" - 1")
600	3/4" connection (flex. hose/threads)	UPM	Plug, Male Thread (1/4" - 1")
800	1" connection (flex. hose/threads)	UPF	Plug, Female Thread (1/4" - 1")

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Ordering Instructions

2 digit series (20-30-40) Normal Flow Couplers

Sockets

Type	WSS Std Number	Part Description
USH	191676	20 USH SOCKET 1/4" HOSE
	191684	30 USH SOCKET 3/8" HOSE
	191692	40 USH SOCKET 1/2" HOSE
USM	191726	20 USM SOCKET 1/4" MALE BSP.T
	191734	30 USM SOCKET 3/8" MALE BSP.T
	191742	40 USM SOCKET 1/2" MALE BSP.T
USF	191775	20 USF SOCKET 1/4" FEMALE BSP.T
	191783	30 USF SOCKET 3/8" FEMALE BSP.T
	191791	40 USF SOCKET 1/2" FEMALE BSP.T

Plugs

Type	WSS Std Number	Part Description
UPH	191825	20 UPH PLUG 1/4" HOSE
	191833	30 UPH PLUG 3/8" HOSE
	191841	40 UPH PLUG 1/2" HOSE
UPM	191874	20 UPM PLUG 1/4" MALE BSP.T
	191882	30 UPM PLUG 3/8" MALE BSP.T
	191890	40 UPM PLUG 1/2" MALE BSP.T
UPF	191924	20 UPF PLUG 1/4" FEMALE BSP.T
	191932	30 UPF PLUG 3/8" FEMALE BSP.T
	191940	40 UPF PLUG 1/2" FEMALE BSP.T

3 digit series (400-600-800) High Flow Couplers

Sockets

Type	WSS Std Number	Part Description
USH	191700	400 USH SOCKET 1/2" HOSE
	191718	600 USH SOCKET 3/4" HOSE
	633459	800 USH SOCKET 1" HOSE
USM	191759	400 USM SOCKET 1/2" MALE BSP.T
	191767	600 USM SOCKET 3/4" MALE BSP.T
	633467	800 USM SOCKET 1" MALE BSP.T
USF	191809	400 USF SOCKET 1/2" FEMALE BSP.T
	191817	600 USF SOCKET 3/4" FEMALE BSP.T
	633475	800 USF SOCKET 1" FEMALE BSP.T

Plugs

Type	WSS Std Number	Part Description
UPH	191858	400 UPH PLUG 1/2" HOSE
	191866	600 UPH PLUG 3/4" HOSE
	633483	800 UPH PLUG 1" HOSE
UPM	191916	600 UPM PLUG 3/4" MALE BSP.T
	633491	800 UPM PLUG 1" MALE BSP.T
	770909	800 UPM PLUG 1" MALE NPT
UPF	191940	40 UPF PLUG 1/2" FEMALE BSP.T
	191957	400 UPF PLUG 1/2" FEMALE BSP.T
	191965	600 UPF PLUG 3/4" FEMALE BSP.T

Air Distributor & Hose

Type	WSS Std Number	Part Description
Air Distributor	193490	UNITOR MEDUSA AIR DISTRIBUTOR
Hose	183418	FLEXIBLE HOSE 30CM 3/8IN

2 Digit Series



Medusa Air Distributor



3 Digit Series



Flexible Hose

