



## "Copper Stuff"

### You will Benefit when you use SKY Copper fittings because they are:

- Designed, Manufactured and Tested to exceed the Australian Standard AS1571.
- Manufactured to stringent standards in an ISO9001 accredited facility.
- Passed through a rigorously controlled QA system including batch verification burst testing.
- Designed and manufactured to remove stress and fatigue focus points.
- All fittings less than 1 inch connection size are rated for refrigerant R-410A. (SWP 4200 kpa)
- R-410A rated fittings are marked accordingly on the fitting for your safety.

#### Note:

##### R-410A

- SKY's rating is based on the AIRAH accepted, standard safe working pressure for Refrigerant R-410A as 4,200 kpa @ 65°C.

##### R-744 (CO<sub>2</sub>)

- SKY's rating is based on the AIRAH accepted, standard safe working pressure for Subcritical Refrigerant R-744 as 5,200 kpa.
- Mueller's rating is based on a combination of UL and EN378-2

#### Installation:

- SKY copper fittings should be installed in accordance with the methodology recommended in AS HB40 by suitably qualified trade's people.
- 15% silver solder is recommended when brazing fittings into systems intended for R-410A or other high pressure applications.
- Pipe work should be designed and implemented in a way that mechanical and thermal stress is avoided.
- Burst testing of SKY copper fittings is done after the joints are braised to replicate as close as possible their application in the field. However, as copper can work harden and these fittings can be subject to unique dynamics created in the working environment, such as vibration, temperature, pressure and pulsation, end-users should satisfy themselves of the fitting suitability for the application.

#### The copper stuff in short:

- Due to their superior design, manufacture, QA and labelling, SKY copper fittings when installed properly will improve the outcome of your installation, and reduce the risk of premature failure and subsequent refrigerant leakage.

**"Install or repair with confidence."**

## Copper Bush (OD - ID)



SKY Item No.	Item Description	R-410A	CO2	Pack qty
100-0604	Bush (CU) - 3/8 OD x 1/4 ID	Yes	Yes	5
100-0804	Bush (CU) - 1/2 OD x 1/4 ID	Yes	Yes	5
100-0806	Bush (CU) - 1/2 OD x 3/8 ID	Yes	Yes	5
100-1006	Bush (CU) - 5/8 OD x 3/8 ID	Yes	Yes	5
100-1008	Bush (CU) - 5/8 OD x 1/2 ID	Yes	Yes	5
100-1208	Bush (CU) - 3/4 OD x 1/2 ID	Yes		5
100-1210	Bush (CU) - 3/4 OD x 5/8 ID	Yes		5
100-1408	Bush (CU) - 7/8 OD x 1/2 ID	Yes		5
100-1410	Bush (CU) - 7/8 OD x 5/8 ID	Yes		5
100-1412	Bush (CU) - 7/8 OD x 3/4 ID	Yes		5
100-1612	Bush (CU) - 1 OD x 3/4 ID	Yes		5
100-1808	Bush (CU) - 1-1/8 OD x 1/2 ID			2
100-1810	Bush (CU) - 1-1/8 OD x 5/8 ID			2
100-1810-410A	Bush (CU) - 1-1/8 OD x 5/8 ID - R410A	Yes		2
100-1812	Bush (CU) - 1-1/8 OD x 3/4 ID			2
100-1814	Bush (CU) - 1-1/8 OD x 7/8 ID			2
100-1814-410A	Bush (CU) - 1-1/8 OD x 7/8 ID - R410A	Yes		2
100-2016	Bush (CU) - 1-1/4 OD x 1 ID			2
100-2210	Bush (CU) 1 3/8 OD x 5/8 ID			2
100-2214	Bush (CU) - 1-3/8 OD x 7/8 ID			2
100-2214-410A	Bush (CU) - 1-3/8 OD x 7/8 ID - R410A	Yes		2
100-2218	Bush (CU) - 1-3/8 OD x 1-1/8 ID			2
100-2218-410A	Bush (CU) - 1-3/8 OD x 1-1/8 ID - R410A	Yes		2
100-2614	Bush (CU) - 1-5/8 OD x 7/8 ID			1
100-2618	Bush (CU) - 1-5/8 OD x 1-1/8 ID			1
100-2622	Bush (CU) - 1-5/8 OD x 1-3/8 ID			1
100-2622-410A	Bush (CU) - 1-5/8 OD x 1-3/8 ID - 410A	Yes		1
100-3224	Bush (CU) 2 OD x 1 1/2 ID			1
100-3418	Bush (CU) - 2-1/8 OD x 1-1/8 ID			1
100-3422	Bush (CU) - 2-1/8 OD x 1-3/8 ID			1
100-3426	Bush (CU) - 2-1/8 OD x 1-5/8 ID			1
100-4226	Bush (CU) - 2-5/8 OD x 1-5/8 ID			1
100-4234	Bush (CU) - 2-5/8 OD x 2-1/8 ID			1
100-4834	Bush (CU) - 3 OD x 2-1/8 ID			1
100-4842	Bush (CU) - 3 OD x 2-5/8 ID			1
100-5034	Bush (CU) - 3-1/8 OD x 2-1/8 ID			1
100-5042	Bush (CU) - 3-1/8 OD x 2-5/8 ID			1
100-5048	Bush (CU) - 3-1/8 OD x 3 ID			1
100-6442	Bush (CU) - 4 OD x 2 5/8 ID			1

## Copper Coupling (ID - ID)



SKY Item No.	Item Description	R-410A	CO2	Pack qty
101-0404	1/4 ID x 1/4 ID	Yes	Yes	10
101-0505	5/16 ID x 5/16 ID	Yes	Yes	10
101-0604	3/8 ID x 1/4 ID	Yes	Yes	10
101-0606	3/8 ID x 3/8 ID	Yes	Yes	10
101-0804	1/2 ID x 1/4 ID	Yes	Yes	10
101-0806	1/2 ID x 3/8 ID	Yes	Yes	10
101-0808	1/2 ID x 1/2 ID	Yes	Yes	10
101-1006	5/8 ID x 3/8 ID	Yes	Yes	10
101-1008	5/8 ID x 1/2 ID	Yes	Yes	10
101-1010	5/8 ID x 5/8 ID	Yes	Yes	10
101-1206	3/4 ID x 3/8 ID	Yes	Yes	5
101-1208	3/4 ID x 1/2 ID	Yes	Yes	5
101-1210	3/4 ID x 5/8 ID	Yes	Yes	5
101-1212	3/4 ID x 3/4 ID	Yes	Yes	5
101-1408	7/8 ID x 1/2 ID	Yes		5
101-1410	7/8 ID x 5/8 ID	Yes		5
101-1412	7/8 ID x 3/4 ID	Yes		5
101-1414	7/8 ID x 7/8 ID	Yes		5
101-1608	1 ID x 1/2 ID	Yes		5
101-1612	1 ID x 3/4 ID	Yes		5
101-1614	1 ID x 7/8 ID	Yes		5
101-1616	1 ID x 1 ID	Yes		5
101-1808	1-1/8 ID x 1/2 ID			2
101-1810	1-1/8 ID x 5/8 ID			2
101-1810-410A	1-1/8 ID x 5/8 ID - R410A	Yes		2
101-1812	1-1/8 ID x 3/4 ID			2
101-1812-410A	1-1/8 ID x 3/4 ID - R410A	Yes		2
101-1814	1-1/8 ID x 7/8 ID			2
101-1814-410A	1-1/8 ID x 7/8 ID - R410A	Yes		2
101-1816	1-1/8 ID x 1 ID			2
101-1818	1-1/8 ID x 1-1/8 ID			2
101-1818-410A	1-1/8 ID x 1-1/8 ID - R410A	Yes		2
101-2016	1-1/4 ID x 1 ID			2
101-2020	1-1/4 ID x 1-1/4 ID			2
101-2210	1-3/8 ID x 5/8 ID			2
101-2212	1-3/8 ID x 3/4 ID			2
101-2214	1-3/8 ID x 7/8 ID			2
101-2218	1-3/8 ID x 1-1/8 ID			2
101-2222	1-3/8 ID x 1-3/8 ID			2
101-2222-410A	1-3/8 ID x 1-3/8 ID - R410A	Yes		2
101-2420	1-1/2 ID x 1-1/4 ID			2
101-2424	1-1/2 ID x 1-1/2 ID			2
101-2614	1-5/8 ID x 7/8 ID			2
101-2618	1-5/8 ID x 1-1/8 ID			1
101-2622	1-5/8 ID x 1-3/8 ID			1
101-2622-410A	1-5/8 ID x 1-3/8 ID - R410A	Yes		1
101-2626	1-5/8 ID x 1-5/8 ID			1
101-2626-410A	1-5/8 ID x 1-5/8 ID R410A	Yes		1



## Copper Coupling (ID - ID) continued...



SKY Item No.	Item Description	R-410A	CO2	Pack qty
101-3232	2 ID x 2 ID			1
101-3418	2-1/8 ID x 1-1/8 ID			1
101-3422	2-1/8 ID x 1-3/8 ID			1
101-3426	2-1/8 ID x 1-5/8 ID			1
101-3434	2-1/8 ID x 2-1/8 ID			1
101-4222	2-5/8 ID x 1-3/8 ID			1
101-4226	2-5/8 ID x 1-5/8 ID			1
101-4234	2-5/8 ID x 2-1/8 ID			1
101-4242	2-5/8 ID x 2-5/8 ID			1
101-4842	3 ID x 2-5/8 ID			1
101-5042	3-1/8 ID x 2-5/8 ID			1
101-5050	3-1/8 ID x 3-1/8 ID			1
101-6442	4 ID X 2 5/8 ID			1
101-6444	4 ID X 4 ID			1

## Copper Elbow 90° (OD - ID)



SKY Item No.	Item Description	R-410A	CO2	Pack qty
102-0606	3/8 OD x 3/8 ID	Yes	Yes	10
102-0808	1/2 OD x 1/2 ID	Yes	Yes	10
102-1010	5/8 OD x 5/8 ID	Yes	Yes	10
102-1212	3/4 OD x 3/4 ID	Yes		5
102-1414	7/8 OD x 7/8 ID	Yes		5
102-1616	1 OD x 1 ID	Yes		2
102-1818	1-1/8 OD x 1-1/8 ID	Yes		2
102-2020	1-1/4 OD x 1-1/4 ID			1
102-2222	1-3/8 OD x 1-3/8 ID			1
102-2424	1-1/2 OD x 1-1/2 ID			1
102-2626	1-5/8 OD x 1-5/8 ID			1
102-3434	2-1/8 OD x 2-1/8 ID			1
102-4242	2-5/8 OD x 2-5/8 ID			1
102-5050	3-1/8 OD x 3-1/8 ID			1

## Copper Elbow 90° Short Radius



SKY Item No.	Item Description	R-410A	CO2	Pack qty
104-0404	1/4 ID x 1/4 ID	Yes	Yes	10
104-0606	3/8 ID x 3/8 ID	Yes	Yes	10
104-0808	1/2 ID x 1/2 ID	Yes	Yes	10
104-1010	5/8 ID x 5/8 ID	Yes	Yes	10
104-1212	3/4 ID x 3/4 ID	Yes		5
104-1414	7/8 ID x 7/8 ID	Yes		5
104-1616	1 ID x 1 ID	Yes		2
104-1818	1-1/8 ID x 1-1/8 ID			2
104-2020	1-1/4 ID x 1-1/4 ID			1
104-2222	1-3/8 ID x 1-3/8 ID			1
104-2424	1-1/2 ID x 1-1/2 ID			1
104-2626	1-5/8 ID x 1-5/8 ID			1
104-3434	2-1/8 ID x 2-1/8 ID			1
104-4848	3 ID x 3 ID			1

## Copper Elbow 90°



SKY Item No.	Item Description	R-410A	CO2	Pack qty
103-0404	1/4 ID x 1/4 ID	Yes	Yes	10
103-0606	3/8 ID x 3/8 ID	Yes	Yes	10
103-0808	1/2 ID x 1/2 ID	Yes	Yes	10
103-1010	5/8 ID x 5/8 ID	Yes	Yes	10
103-1212	3/4 ID x 3/4 ID	Yes		5
103-1414	7/8 ID x 7/8 ID	Yes		5
103-1616	1 ID x 1 ID	Yes		2
103-1818	1-1/8 ID x 1-1/8 ID			2
103-1818-410A	1-1/8 ID x 1-1/8 ID - 410A	Yes		2
103-2020	1-1/4 ID x 1-1/4 ID			1
103-2020-410A	1-1/4 ID x 1-1/4 ID - 410A	Yes		1
103-2222	1-3/8 ID x 1-3/8 ID			1
103-2222-410A	1-3/8 ID x 1-3/8 ID - 410A	Yes		1
103-2424	1-1/2 ID x 1-1/2 ID			1
103-2626	1-5/8 ID x 1-5/8 ID			1
103-2626-410A	1-5/8 ID x 1-5/8 ID - 410A	Yes		1
103-3232	2 ID x 2 ID			1
103-3434	2-1/8 ID x 2-1/8 ID			1
103-4242	2-5/8 ID x 2-5/8 ID			1
103-4848	3 ID x 3 ID			1
103-5050	3-1/8 ID x 3-1/8 ID			1
103-6464	4 ID x 4 ID			1

## Copper Elbow 45°



SKY Item No.	Item Description	R-410A	CO2	Pack qty
105-0606	3/8 ID x 3/8 ID	Yes	Yes	10
105-0808	1/2 ID x 1/2 ID	Yes	Yes	10
105-1010	5/8 ID x 5/8 ID	Yes	Yes	10
105-1212	3/4 ID x 3/4 ID	Yes		5
105-1414	7/8 ID x 7/8 ID	Yes		5
105-1616	1 ID x 1 ID	Yes		2
105-1818-410A	1-1/8 ID x 1-1/8 ID - 410A	Yes		2
105-1818	1-1/8 ID x 1-1/8 ID			2
105-2020	1-1/4 ID x 1-1/4 ID			2
105-2222	1-3/8 ID x 1-3/8 ID			1
105-2222-410A	1-3/8 ID x 1-3/8 ID - 410A	Yes		1
105-2424	1-1/2 ID x 1-1/2 ID			1
105-2626	1-5/8 ID x 1-5/8 ID			1
105-2626-410A	1-5/8 ID x 1-5/8 ID - 410A	Yes		1
105-3232	2 ID x 2 ID			1
105-3434	2-1/8 ID x 2-1/8 ID			1
105-4242	2-5/8 ID x 2-5/8 ID			1
105-5050	3-1/8 ID x 3-1/8 ID			1

## Copper P-Trap



SKY Item No.	Item Description	R-410A	CO2	Pack qty
107-10	5/8 ID	Yes		5
107-12	3/4 ID	Yes		5
107-14	7/8 ID	Yes		5
107-18	1-1/8 ID			2
107-22	1 3/8 ID			2
107-26	1 5/8 ID			2
107-34	2 1/8 ID			1

## Copper Tee



SKY Item No.	Item Description	R-410A	CO2	Pack qty
106-040404	1/4 ID x 1/4 ID x 1/4 ID	Yes	Yes	10
106-050504	5/16 ID x 5/16 ID x 1/4 ID	Yes	Yes	10
106-050505	5/16 ID x 5/16 ID x 5/16 ID	Yes	Yes	10
106-060604	3/8 ID x 3/8 ID x 1/4 ID	Yes	Yes	10
106-060606	3/8 ID x 3/8 ID x 3/8 ID	Yes	Yes	10
106-080804	1/2 ID x 1/2 ID x 1/4 ID	Yes	Yes	10
106-080806	1/2 ID x 1/2 ID x 3/8 ID	Yes	Yes	10
106-080808	1/2 ID x 1/2 ID x 1/2 ID	Yes	Yes	10
106-101006	5/8 ID x 5/8 ID x 3/8 ID	Yes	Yes	5
106-101008	5/8 ID x 5/8 ID x 1/2 ID	Yes	Yes	5
106-101010	5/8 ID x 5/8 ID x 5/8 ID	Yes	Yes	5
106-121206	3/4 ID x 3/4 ID x 3/8 ID	Yes		5
106-121208	3/4 ID x 3/4 ID x 1/2 ID	Yes		5
106-121210	3/4 ID x 3/4 ID x 5/8 ID	Yes		5
106-121212	3/4 ID x 3/4 ID x 3/4 ID	Yes		5
106-141414	7/8 ID x 7/8 ID x 7/8 ID	Yes		2
106-161608	1 ID x 1 ID x 1/2 ID	Yes		2
106-161612	1 ID x 1 ID x 3/4 ID	Yes		2
106-161616	1 ID x 1 ID x 1 ID	Yes		2
106-181814	1-1/8 ID x 1-1/8 ID x 7/8 ID			1
106-181818	1-1/8 ID x 1-1/8 ID x 1-1/8 ID			1
106-181818-410A	1-1/8 ID x 1-1/8 ID x 1-1/8 ID - 410A	Yes		1
106-202020	1-1/4 ID x 1-1/4 ID x 1-1/4 ID			1
106-222214	1-3/8 ID x 1-3/8 ID x 7/8 ID			1
106-222222	1-3/8 ID x 1-3/8 ID x 1-3/8 ID			1
106-222222-410A	1-3/8 ID x 1-3/8 ID x 1 3/8 ID - 410A	Yes		1
106-242424	1-1/2 ID x 1-1/2 ID x 1-1/2 ID			1
106-262626	1-5/8 ID x 1-5/8 ID x 1-5/8 ID			1
106-323232	2 ID x 2 ID x 2 ID			1
106-343434	2-1/8 ID x 2-1/8 ID x 2-1/8 ID			1
106-424242	2-5/8 ID x 2-5/8 ID x 2-5/8 ID			1
106-484848	3 ID x 3 ID x 3 ID			1
106-505050	3-1/8 ID x 3-1/8 ID x 3-1/8 ID			1
106-646464	4 ID x 4 ID x 4 ID			1

## Copper Bonnet



SKY Item No.	Item Description	R-410A	CO2	Pack qty
108-04	1/4 SAE	Yes		10
108-06	3/8 SAE	Yes		10
108-08	1/2 SAE	Yes		10
108-10	5/8 SAE	Yes		10
108-12	3/4 SAE	Yes		10

## Copper Flare Washer



SKY Item No.	Item Description	R-410A	CO2	Pack qty
109-04	1/4 SAE	Yes		10
109-06	3/8 SAE	Yes		10
109-08	1/2 SAE	Yes		10
109-10	5/8 SAE	Yes		10
109-12	3/4 SAE	Yes		10

## Copper End Cap



SKY Item No.	Item Description	R-410A	CO2	Pack qty
110-06	3/8 ID	Yes	Yes	5
110-08	1/2 ID	Yes	Yes	5
110-10	5/8 ID	Yes	Yes	5
110-12	3/4 ID	Yes	Yes	5
110-14	7/8 ID	Yes	Yes	5
110-16	1 ID	Yes	Yes	5
110-18	1-1/8 ID	Yes	Yes	2
110-20	1-1/4 ID	Yes	Yes	2
110-22	1-3/8 ID	Yes	Yes	2
110-24	1-1/2 ID	Yes		2
110-26	1-5/8 ID	Yes		2
110-32	2 ID			2
110-34	2-1/8 ID			2
110-42	2 5/8 ID			1
110-48	3 ID			1
110-50	3-1/8 ID			1
110-64	4 ID			1



## Copper Flare Washer (Flare Safe)



SKY Item No.	Item Description	R-410A	Pack qty
111-04	1/4MSAE	Yes	10
111-05	5/16MSAE	Yes	10
111-06	3/8MSAE	Yes	10
111-08	1/2MSAE	Yes	10
111-10	5/8MSAE	Yes	10
111-12	3/4MSAE	Yes	5

## Copper Y Piece



SKY Item No.	Item Description	R-410A	Pack qty
113-080606	1/2 ID x 3/8 ID x 3/8 ID - R410A	Yes	5
113-080808	1/2 ID x 1/2 ID x 1/2 ID - R410A	Yes	5
113-100808	5/8 ID x 1/2 ID x 1/2 ID - R410A	Yes	5
113-101010	5/8 ID x 5/8 ID x 5/8 ID - R410A	Yes	5
113-121010	3/4 ID x 5/8 ID x 5/8 ID		5
113-121212	3/4 ID x 3/4 ID x 3/4 ID		5
113-141010	7/8 ID x 5/8 ID x 5/8 ID		2
113-141414	7/8 ID x 7/8 ID x 7/8 ID		2
113-161212	1 ID x 3/4 ID x 3/4 ID		5
113-181414	1-1/8 ID x 7/8 ID x 7/8 ID		5
113-221414	1-3/8 ID x 7/8 ID x 7/8 ID		2
113-261818	1-5/8 ID x 1-1/8 ID x 1-1/8 ID		2

## Copper Pipe Saddle



SKY Item No.	Item Description	Pack qty
115-04	1/4 Dia	10
115-05	5/16 Dia	10
115-06	3/8 Dia	10
115-08	1/2 Dia	10
115-10	5/8 Dia	10
115-12	3/4 Dia	10
115-14	7/8 Dia	10
115-16	1 Dia	10
115-18	1-1/8 Dia	10
115-20	1-1/4 Dia	10
115-22	1-3/8 Dia	10
115-26	1-5/8 Dia	10
115-34	2-1/8 Dia	10