			PART NO.	REF A	REF B	REF C & D	REF E	CROSSES		
Pi	pe Crosses, Fem	ale	WHF-4-9	1/2" NPT	1/2" NPT	1/2" NPT	2-1/2"	Figure 1		
Pressures to 3000 PSIG (20,700 kPa)			WHF-4-12	3/4" NPT	3/4" NPT	3/4" NPT	2-3/4"	Figure 1		
E	E ` '	E ICl	WHF-4-16	.843"847"	.843"847"	1/2" NPT	2-1/2"	Figure 2		
			WHF-4-23	.843"847"	1/2" NPT	1/2" NPT	2-1/2"	Figure 3		
A B	<u>A</u> B	ABB	.843"847" = 1/2" Pipe Slip							
DI	D	D								
FIGURE 1	FIGURE 2 (SLIP THROUGH)	FIGURE 3								

PART NO.	REF A	REF B	REF C	REF E	TEES	
WHF-4-7	1/2" NPT	1/2" NPT	1/2" NPT	2-1/2"	Figure 1	Pipe Tees, Female
WHF-4-10	3/4" NPT	3/4" NPT	3/4" NPT	2-3/4"	Figure 1	Pressures to 3000 PSI (20,700 kPa)
WHF-4-14	.843"847"	.843"847"	1/2" NPT	2-1/2"	Figure 2	
WHF-4-18	1.053"-1.057"	1.053"-1.057"	3/4" NPT	2-3/4"	Figure 2	
WHF-4-13	1/2" NPT	1/2" NPT	.843"847"	2-1/2"	Figure 3	A B B
WHF-4-21	.843"847"	1/2" NPT	1/2" NPT	2-3/4"	Figure 4	E E
WHF-4-22	1.053"-1.057"	3/4" NPT	3/4" NPT	2-1/2"	Figure 4	FIGURE 1 C FIGURE 2 (SLIP THRO
WHF-4-1	1.053"-1.057"	1.053"-1.057"	1.053"-1.057"	2-3/4"	Figure 5	A
.843"	'847" = 1/2"	Pipe Slip* 1.05	53"-1.057" = 3	/4" Pip€	e Slip	C E E E

Temale NPT OUTLET ADAPTORS FOR MANIFOLD PIPELINE, BRASS & STAINLESS STEEL 500 PSIG (3400 kPa) 3000 PSIG (20,700 kPa) 6000 PSIG (41,300 kPa) 1321-1 CGA-326 RH Male .825".14 NGO to 1/4" NPT Female Nitrous Oxide, to 3000 PSIG: RH Male .825".14 NGO to 1/4" NPT Female Nitrous Oxide, to 3000 PSIG: RH Male .825".14 NGO to 1/4" NPT Female Nitrous Oxide, to 3000 PSIG: RH Male .825".14 NGO to 1/4" NPT Female Air, to 3000 PSIG: RH Male .825".14 NGO to 1/4" NPT Female Air, to 3000 PSIG: RH Male .825".14 NGO to 1/4" NPT Female Air, to 5000 PSIG: RH Male .825".14 NGO to 1/4" NPT Female Air, to 5500 PSIG: RH Male .825".14 NGO to 1/4" NPT Female Air, from 3,001 to 5500 PSIG: RH Male .825".14 NGO to 1/4" NPT Female Air, from 3,001 to 5500 PSIG: RH Male .825".14 NGO to 1/4" NPT Female Medical Mixtures, to 3000 PSIG: RH Female .885".14 NGO to 1/4" NPT Female Medical Mixtures, to 3000 PSIG: RH Female .885".14 NGO to 1/4" NPT Female Medical Mixtures, to 3000 PSIG: RH Female .885".14 NGO to 1/4" NPT Female POL Acetylene, Propane, to 500 PSIG: HF Female .885".14 NGO to 1/4" NPT Female POL Acetylene, Propane, to 500 PSIG: RH Female .885".14 NGO to 1/4" NPT Female POL Acetylene, Propane, to 500 PSIG: RH Male .903".14 NGO to 1/4" NPT Female Oxygen, to 3000 PSIG: RH Male .903".14 NGO to 1/4" NPT Female Oxygen, to 3000 PSIG: RH Male .903".14 NGO to 1/4" NPT Female Oxygen, to 3000 PSIG: RH Male .903".14 NGO to 1/4" NPT Female Oxygen, to 3000 PSIG: RH Male .903".14 NGO to 1/4" NPT Female Oxygen, to 3000 PSIG: RH Male .903".14 NGO to 1/4" NPT Female Oxygen, to 3000 PSIG: RH Male .903".14 NGO to 1/4" NPT Female Oxygen, to 3000 PSIG: RH Male .903".14 NGO to 1/4" NPT Female Oxygen, to 3000 PSIG: RH Male .903".14 NGO to 1/4" NPT Female	Brass Brass
15-1 CGA-300 RH Male .825"-14 NGO to 1/4" NPT Female Carbon Dioxide, to 3000 PSIG: RH Male .825"-14 NGO to 1/4" NPT Female Carbon Dioxide, to 3000 PSIG: RH Male .825"-14 NGO, to 1/4" NPT Female Nitrous Oxide, to 3000 PSIG: RH Male .825"-14 NGO, to 1/4" NPT Female Nitrous Oxide, to 3000 PSIG: RH Male .825"-14 NGO to 1/4" NPT Female Air, to 3000 PSIG: RH Male .825"-14 NGO to 1/4" NPT Female Air, to 3000 PSIG: RH Male .825"-14 NGO to 1/4" NPT Female Air, to 3000 PSIG: RH Male .825"-14 NGO to 1/4" NPT Female Air, to 500 PSIG: RH Male .825"-14 NGO to 1/4" NPT Female Air, to 500 PSIG: RH Male .825"-14 NGO to 1/4" NPT Female Air, for 3000 PSIG: RH Male .825"-14 NGO to 1/4" NPT Female Air, for 3000 PSIG: RH Male .825"-14 NGO to 1/4" NPT Female Hydrogen, Natural Gas, to 3000 PSIG: LH Male .825"-14 NGO to 1/4" NPT Female Hydrogen, Natural Gas, to 3000 PSIG: RH Female .885"-14 NGO to 1/4" NPT Female POL Acetylene, Propane, to 500 PSIG: LH Female .885"-14 NGO to 1/4" NPT Female POL Acetylene, Propane, to 500 PSIG: NPT Female NPT Femal	Brass Brass
15-1 CGA-300 RH Male .825"-14 NGO to 1/4" NPT Female	Brass Brass
BRASS & STAINLESS STEEL 500 PSIG (3400 kPa) 3000 PSIG (20,700 kPa) 6000 PSIG (41,300 kPa) 1321-1 CGA-326 RH Male .825"-14 NGO to 1/4" NPT Female Air, to 3000 PSIG: RH Male .825"-14 NGO to 1/4" NPT Female Air, to 3000 PSIG: SS-1341-1 CGA-346 RH Male .825"-14 NGO to 1/4" NPT Female Air, to 5500 PSIG: RH Male .825"-14 NGO to 1/4" NPT Female Air, to 5500 PSIG: RH Male .825"-14 NGO to 1/4" NPT Female Air, to 5500 PSIG: RH Male .825"-14 NGO to 1/4" NPT Female Air, from 3,001 to 5500 PSIG: RH Male .825"-14 NGO to 1/4" NPT Female Air, from 3,001 to 5500 PSIG: RH Male .825"-14 NGO to 1/4" NPT Female Hydrogen, Natural Gas, to 3000 PSIG: LH Male .825"-14 NGO to 1/4" NPT Female Medical Mixtures, to 3000 PSIG: RH Female .885"-14 NGO to 1/4" NPT Female POL Acetylene, Propane, to 500 PSIG: UH Female .885"-14 NGO to 1/4" NPT Female POL Acetylene, Propane, to 500 PSIG: Oxygen, to 3000 PSIG:	Brass
1321-1 CGA-326 RH Male .825".14 NGO to 1/4" NPT Female	Brass
3000 PSIG (20,700 kPa) 6000 PSIG (41,300 kPa) 1321-1	
Air, to 3000 PSIG: 1341-1 CGA-346 RH Male .825"-14 NGO to 1/4" NPT Female Air, to 3000 PSIG: SS-1341-1 CGA-346 RH Male .825"-14 NGO to 1/4" NPT Female Air, to 5500 PSIG: RH Male .825"-14 NGO to 1/4" NPT Female Air, from 3,001 to 5500 PSIG: SS-347-1 CGA-347 RH Male .825"-14 NGO to 1/4" NPT Female Air, from 3,001 to 5500 PSIG: RH Male .825"-14 NGO to 1/4" NPT Female Hydrogen, Natural Gas, to 3000 PSIG: LH Male .825"-14 NGO to 1/4" NPT Female Medical Mixtures, to 3000 PSIG: RH Female .885"-14 NGO to 1/4" NPT Female POL Acetylene, Propane, to 500 PSIG: LH Female .885"-14 NGO to 1/4" NPT Female POL Acetylene, Propane, to 500 PSIG: 16-1 CGA-510 CGA-510 GA-510 POL Acetylene, Propane, to 500 PSIG: 90° LH Female Nut .885"-14 NGO to 1/4" NPT Female POL Acetylene, Propane, to 500 PSIG: 90° LH Female Nut .885"-14 NGO to 1/4" NPT Female Oxygen, to 3000 PSIG:	
1341-1 CGA-346 RH Male .825"-14 NGO to 1/4" NPT Female Air, to 3000 PSIG:	D
Air, to 3000 PSIG: SS-1341-1 CGA-346 RH Male .825"-14 NGO to 1/4" NPT Female Air, to 5500 PSIG: 347-1 CGA-347 RH Male .825"-14 NGO to 1/4" NPT Female Air, from 3,001 to 5500 PSIG: SS-347-1 CGA-347 RH Male .825"-14 NGO to 1/4" NPT Female Hydrogen, Natural Gas, to 3000 PSIG: Hydrogen, Natural Gas, to 3000 PSIG: LH Male .825"-14 NGO to 1/4" NPT Female Medical Mixtures, to 3000 PSIG: Medical Mixtures, to 3000 PSIG: Toda-500 RH Female .885"-14 NGO to 1/4" NPT Female POL Acetylene, Propane, to 500 PSIG: LH Female .885"-14 NGO to 1/4" NPT Female POL Acetylene, Propane, to 500 PSIG: 300-1 CGA-510 90° LH Female Nut .885"-14 NGO to 1/4" NPT Female Oxygen, to 3000 PSIG:	n 1
SS-1341-1 CGA-346 RH Male .825".14 NGO to 1/4" NPT Female Air, to 5500 PSIG: 347-1 CGA-347 RH Male .825".14 NGO to 1/4" NPT Female Air, from 3,001 to 5500 PSIG: SS-347-1 CGA-347 RH Male .825".14 NGO to 1/4" NPT Female Hydrogen, Natural Gas, to 3000 PSIG: 800-1 CGA-350 LH Male .825".14 NGO to 1/4" NPT Female Medical Mixtures, to 3000 PSIG: 800-1 CGA-500 RH Female .885".14 NGO to 1/4" NPT Female POL Acetylene, Propane, to 500 PSIG: 16-1 CGA-510 LH Female .885".14 NGO to 1/4" NPT Female POL Acetylene, Propane, to 500 PSIG: 90° LH Female Nut .885".14 NGO to 1/4" NPT Female Oxygen, to 3000 PSIG:	Brass
Air, to 5500 PSIG: 347-1	
347-1 CGA-347 RH Male .825"-14 NGO to 1/4" NPT Female Air, from 3,001 to 5500 PSIG: SS-347-1 CGA-347 RH Male .825"-14 NGO to 1/4" NPT Female Hydrogen, Natural Gas, to 3000 PSIG: 800-1 CGA-350 LH Male .825"-14 NGO to 1/4" NPT Female Medical Mixtures, to 3000 PSIG: 500-1 CGA-500 RH Female .885"-14 NGO to 1/4" NPT Female POL Acetylene, Propane, to 500 PSIG: 16-1 CGA-510 LH Female .885"-14 NGO to 1/4" NPT Female POL Acetylene, Propane, to 500 PSIG: 90° LH Female Nut .885"-14 NGO to 1/4" NPT Female Oxygen, to 3000 PSIG:	St. Steel
Air, from 3,001 to 5500 PSIG: SS-347-1 CGA-347 RH Male .825"-14 NGO to 1/4" NPT Female Hydrogen, Natural Gas, to 3000 PSIG: 800-1 CGA-350 LH Male .825"-14 NGO to 1/4" NPT Female Medical Mixtures, to 3000 PSIG: 500-1 CGA-500 RH Female .885"-14 NGO to 1/4" NPT Female POL Acetylene, Propane, to 500 PSIG: 16-1 CGA-510 LH Female .885"-14 NGO to 1/4" NPT Female POL Acetylene, Propane, to 500 PSIG: 90° LH Female Nut .885"-14 NGO to 1/4" NPT Female Oxygen, to 3000 PSIG:	
SS-347-1 CGA-347 RH Male .825"-14 NGO to 1/4" NPT Female Hydrogen, Natural Gas, to 3000 PSIG: 800-1 CGA-350 LH Male .825"-14 NGO to 1/4" NPT Female Medical Mixtures, to 3000 PSIG: 800-1 CGA-500 RH Female .885"-14 NGO to 1/4" NPT Female POL Acetylene, Propane, to 500 PSIG: 16-1 CGA-510 LH Female .885"-14 NGO to 1/4" NPT Female POL Acetylene, Propane, to 500 PSIG: 90° LH Female Nut .885"-14 NGO to 1/4" NPT Female Oxygen, to 3000 PSIG:	Brass
Hydrogen, Natural Gas, to 3000 PSIG: 800-1	
800-1 CGA-350 LH Male .825"-14 NGO to 1/4" NPT Female Medical Mixtures, to 3000 PSIG: 500-1 CGA-500 RH Female .885"-14 NGO to 1/4" NPT Female POL Acetylene, Propane, to 500 PSIG: 16-1 CGA-510 LH Female .885"-14 NGO to 1/4" NPT Female POL Acetylene, Propane, to 500 PSIG: 90° LH Female Nut .885"-14 NGO to 1/4" NPT Female Oxygen, to 3000 PSIG:	St. Steel
Medical Mixtures, to 3000 PSIG: 500-1 CGA-500 RH Female .885"-14 NGO to 1/4" NPT Female POL Acetylene, Propane, to 500 PSIG: 16-1 CGA-510 LH Female .885"-14 NGO to 1/4" NPT Female POL Acetylene, Propane, to 500 PSIG: 90° LH Female Nut .885"-14 NGO to 1/4" NPT Female Oxygen, to 3000 PSIG:	
500-1 CGA-500 RH Female .885"-14 NGO to 1/4" NPT Female POL Acetylene, Propane, to 500 PSIG: 16-1 CGA-510 LH Female .885"-14 NGO to 1/4" NPT Female POL Acetylene, Propane, to 500 PSIG: 90° LH Female Nut .885"-14 NGO to 1/4" NPT Female Oxygen, to 3000 PSIG:	Brass
POL Acetylene, Propane, to 500 PSIG: 16-1	
16-1 CGA-510 LH Female .885"-14 NGO to 1/4" NPT Female POL Acetylene, Propane, to 500 PSIG: 90° LH Female Nut .885"-14 NGO to 1/4" NPT Female Oxygen, to 3000 PSIG:	Brass
POL Acetylene, Propane, to 500 PSIG: 90° LH Female Nut .885"-14 NGO to 1/4" NPT Female Oxygen, to 3000 PSIG:	
300-1 CGA-510 90° LH Female Nut .885"-14 NGO to 1/4" NPT Female Oxygen, to 3000 PSIG:	Brass
Oxygen, to 3000 PSIG:	_
	Brass
1 415-1 CGA-540 RH Male 903"-14 NGO to 1/4" NPI Female	
	Brass
Oxygen, 10 3000 F316.	0: 0: 1
SS-415-1 CGA-540 RH Male .903"-14 NGO to 1/4" NPT Female	St. Steel
Butane, Propane Liquid, 3000 PSIG:	D .
414-1 CGA-555 LH Male .903"-14 NGO to 1/4" NPT Female	Brass
Argon, Helium, Nitrogen to 3000 PSIG:	D .
416-1 CGA-580 RH Female .965"-14 NGO to 1/4" NPT Female	Brass
Industrial Air, to 3000 PSIG:	D
417-1 CGA-590 LH Female .965"-14 NGO to 1/4" NPT Female	Brass
Refrigerant Gases, to 3000 PSIG: 660-1 CGA-660 RH Male 1.030"-14 NGO to 1/4" NPT Female	D
	Brass
Refrigerant Gases, to 3000 PSIG: SS-660-1 CGA-660 RH Male 1.030"-14 NGO to 1/4" NPT Female	St. Steel
	of. Steel
Argon, Helium, Nitrogen from 5,501 to 7500 PSIG: SS-677-1 CGA-677 LH Male 1.030"-14 NGO to 1/4" NPT Female	St. Steel