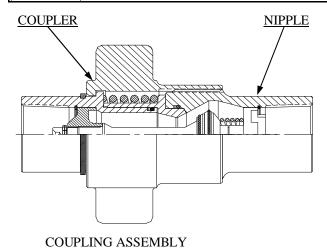




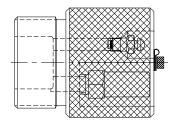
Thread To Connect - E15TV Series Couplings



Hydraulics Inc. E15TV Couplings were specifically designed for use in transfer of refrigerant from transport to storage vessels. CAUTION! User must assure compatability of coupling body and seal materials with fluid. Consult fluid manufacturer to determine compatibility.

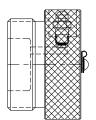
A key safety feature of this hand assembled coupling is that during Coupler and Nipple disconnect, the shut off valves close before the assembly seal vents. Virtually no fluid spill occurs. Should a valve not seal the two halves can be re-connected.

The Caps and Plugs including retention chains and rings are designed to limit Coupler and Nipple contamination and they provide safety features. Also the Coupling halves can be arranged on fluid lines to prevent liquid and vapor line crossover errors at transfer hook up.



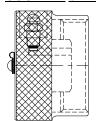
When fully inserted, the Coupler Pressure Relief Plug is designed to open the Coupler valve and communicate refrigerant trapped in the transfer hose bore. Thermal induced pressure build-up is then controlled by the plugs 400 psi relief valve. The plug also guards against contaminants and a button exhaust valve allows trapped gas release before plug removal.

COUPLER PRESSURE RELIEF PLUG



The Coupler Safety Plug is optional to the Relief Plug. It guards against contaminants and is designed to prevent product loss should the coupler valve fail. The safety plug button exhaust valve allows release of trapped gas before plug removal.

COUPLER SAFETY PLUG

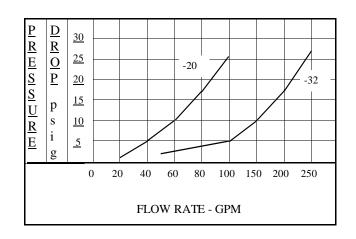


The Nipple Safety Cap is a contaminant safeguard and is designed to prevent product loss should the nipple valve fail. The cap's button exhaust valve allows release of trapped gas before removing the cap.

NIPPLE SAFETY CAP

E15TV-CN-20 Coupling
E15TV-CN-32 Coupling

PRESSURE DROP Vs. FLOW FLUID AT 150 SSU





NIPPLE SAFETY CAP

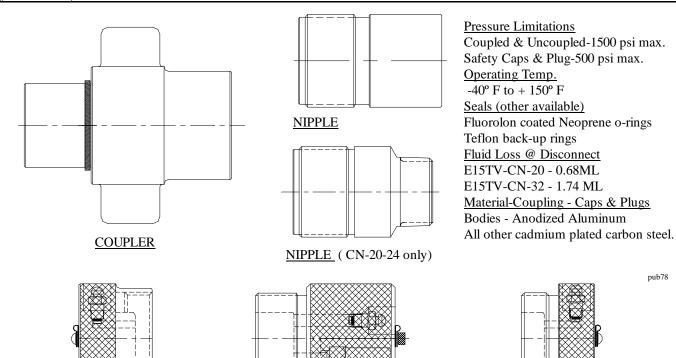
CHAIN & RING

Thread To Connect - E15TV Series Couplings

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COUPLER SAFETY PLUG

CHAIN & RING

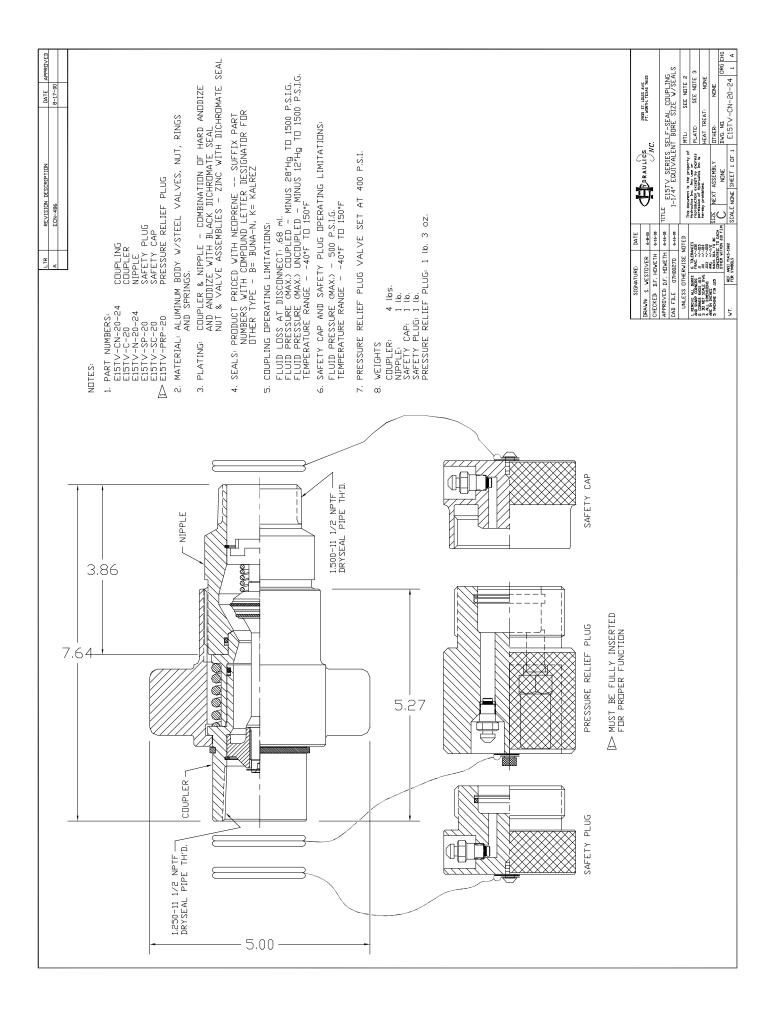


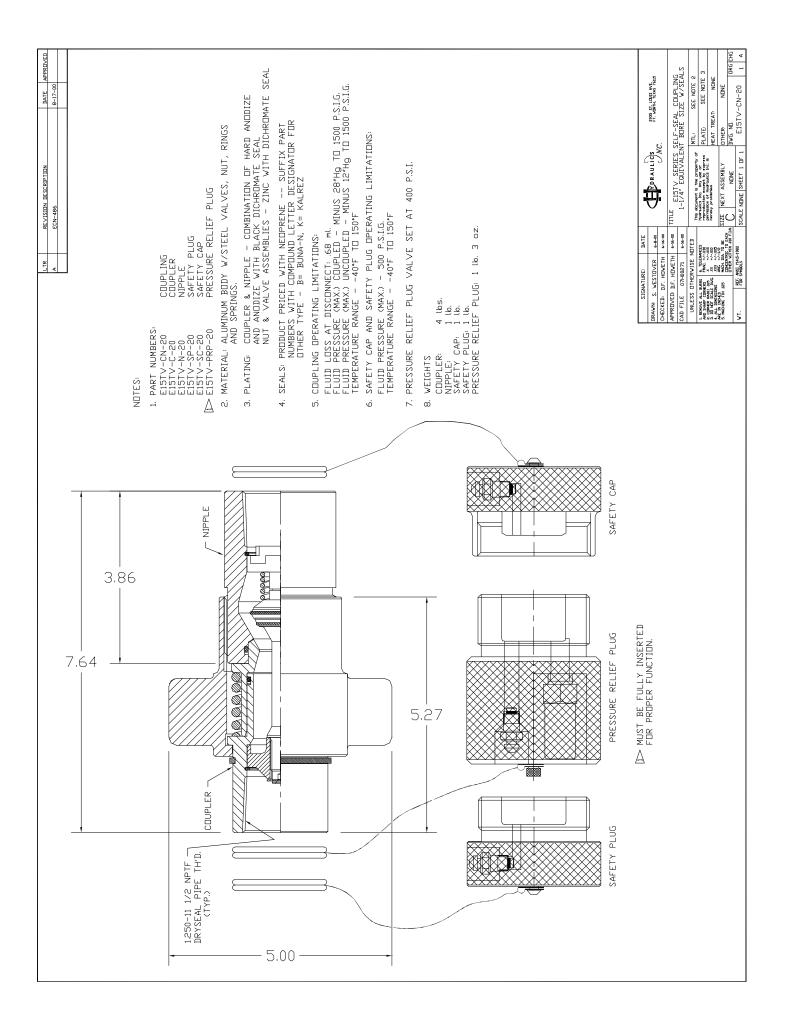
BODY SIZE	COUPLING PART No.	COUPLER PART No.	NIPPLE PART No.	SAFETY CAP PART No.	SAFETY PLUG PART No.	PRESSURE RELIEF PLUG PART No.
1-1/4"	E15TV-CN-20-24	E15TV-C-20	E15TV-N-20-24	E15TV-SC-20	E15TV-SP-20	E15TV-PRP-20
I-1/4"	E15TV-CN-20	E15TV-C-20	E15TV-N-20	E15TV-SC-20	E15TV-SP-20	E15TV-PRP-20
2.0"	E15TV-CN-32	E15TV-C-32	E15TV-N-32	E15TV-SC-32	E15TV-SP-32	E15TV-PRP-32

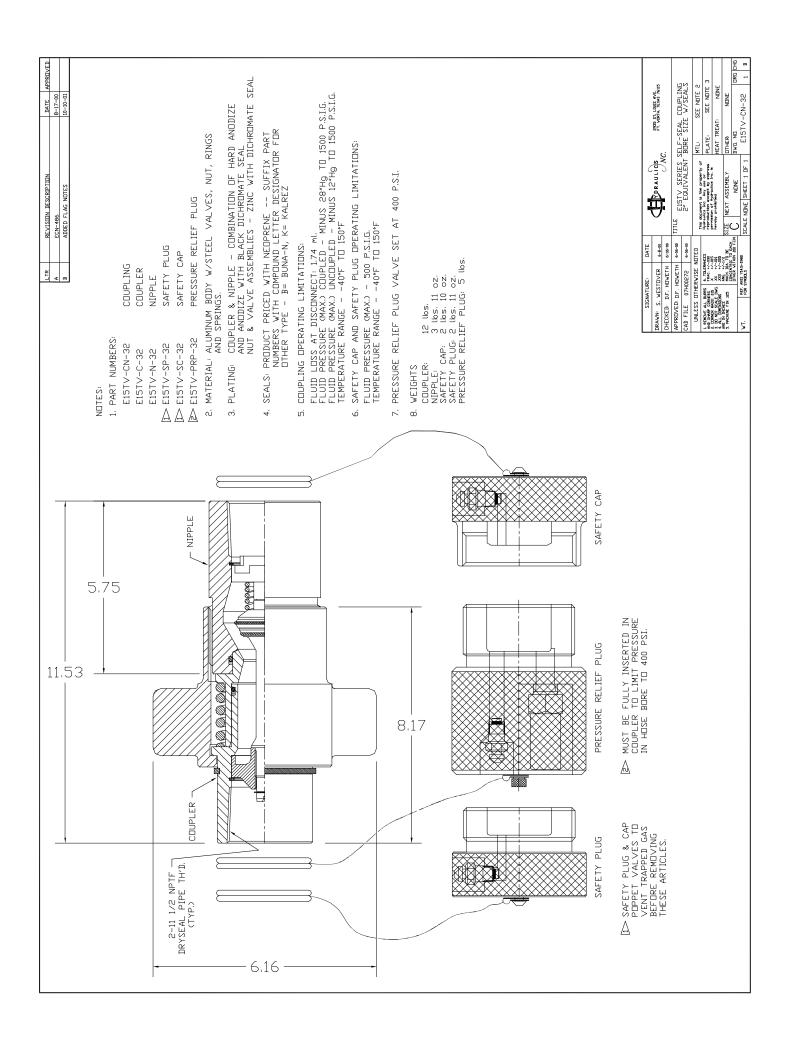
COUPLER PRESSURE RELIEF PLUG

CHAIN & RING

BODY	COUPLING	DIMENSIONS - INCHES				FEMALE PIPE THD	MALE PIPE THD	WEIGHT POUNDS
SIZE	PART No.	COUPLING	COUPLER	NIPPLE	ACROSS	SIZE	SIZE	POUNDS
		LENGTH	LENGTH	LENGTH	WING NUT		~	
1-1/4"	E15TV-CN-20-24	7.64	5.27	3.86	5.00	1-1/4:11-1/2	1-1/2:11-1/2	5
1-1/4"	E15TV-CN-20	7.64	5.27	3.86	5.00	1-1/4:11-1/2		5
2.0"	E15TV-CN-32	11.53	8.17	5.75	6.16	2:11-1/2		14









Tel: 817-923-1965 Fax: 817-927-8002 Plant & Offices 2935 St. Louis Ave P.O. Box 6479 Ft. Worth, TX 76115-0479

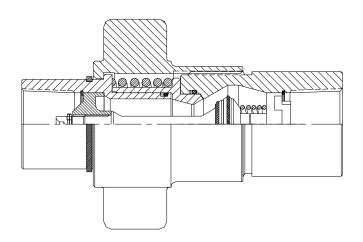
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- **6. Changes, Reschedules and Cancellations:** Buyer may request to modify the designs or specifications for the items sold hereunder as well as the quantities and delivery dates thereof, or may request to cancel all or part of this

- order, however, no such requested modification or cancellation shall become part of the contract between the Buyer and Seller unless accepted by the Seller in a written amendment to this Agreement. Acceptance of any such requested modification or cancellation shall be at the Seller's discretion, and shall be upon such terms and conditions as Seller may require.
- **7. Returns:** Buyer may request to return items sold hereunder, however no such requests shall become part of the contract between Buyer and Seller unless accepted by the Seller in a written amendment to this Agreement.
- 8. Taxes: Unless otherwise indicated on the face hereof, all prices and charges are exclusive of excise, sales, use, property, occupational or like taxes which may be imposed by any taxing authority upon the manufacture, sale or delivery of the items sold hereunder. If any such tax must be paid by the Seller or if Seller is liable for the collection of such tax, the amount thereof shall be in addition to the amounts of the items sold. Buyer agrees to pay all such taxes or to reimburse Seller therefore upon receipt of its invoice. If Buyer claims exemption from any sales, use or other tax imposed by any taxing authority, Buyer shall save Seller harmless from against such tax, together with any interest or penalties thereon which may be assessed if the items are held to be taxable
- 9. Force Majeure: Seller does not assume the risk of and shall not be liable for delay or failure to perform any of Seller's obligations by reason of circumstances beyond control of Seller (hereinafter events of Force Majeure). Events of Force Majeure shall include without limitation, accidents, acts of God, strikes or labor disputes, acts ,laws, rules or regulations of any government agency, fires, floods, delays or failures in delivery of carriers or suppliers, shortages of materials and any other cause beyonds Seller's control.
- 10. Entire Agreement / Governing Law: The terms and conditions set forth herein, together with any amendments, modifications and any terms or conditions expressly accepted by Seller in writing, shall constitute the entire Agreement concerning the items sold, and there are no oral or other representations or agreements which pertain thereto. This agreement shall be governed in all respects by the law of the State of Texas. No actions arising out of sale of the items sold hereunder or this Agreement may be brought by either party more than two (2) years after the cause of the action accrues.

E15TV SERIES BULK FLUID TRANSFER QUICK CONNECT COUPLING





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Tel: 817-923-1965 Fax: 817-927-8002

Website:

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