

# APR CONTROL - R-410A - SPEC. & DIMENSION SHEET

Model #	Modulation Capacity	Unit Dimensions			Connection Dimensions (OD)				Application
		X	Y	Z	EE	L	M	G	
APR-410-1	1.5 tons	8.5"	8"	4"	N/A	3/8"	5/8"	3/8"	G - BOTTOM CONNECTION
APR-410-1R	1.5 tons	8.5"	8"	4"	1/4"	3/8"	5/8"	1/2"	G - SIDE CONNECTION
APR-410-2	2.5 tons	8.5"	8"	4"	1/4"	3/8"	5/8"	3/8"	G - BOTTOM CONNECTION
APR-410-2R "The Modulatr"	3 tons	7.5"	8"	4"	1/4"	3/8"	5/8"	5/8"	G - SIDE CONNECTION
APR-410-3	3.5 tons	8.5"	8"	4"	1/4"	3/8"	5/8"	3/8"	G - BOTTOM CONNECTION
APR-410-6	6.5 tons	9.5"	10"	4.5"	1/4"	3/8"	5/8"	5/8"	G - SIDE CONNECTION
APR-410-10	10 tons	12"	11"	5.5"	1/4"	3/8"	7/8"	7/8"	G - SIDE CONNECTION

The APR Control Compression Ratio Reduction (CRR) Valve should be set to begin opening at approximately **118 PSI ~40°F**

- SUPPLY BALL SHUT-OFF VALVES FOR ALL CONNECTIONS
- SUPPLY TEE FOR SUCTION LINE CONNECTION
- SUPPLY TEE FOR DISCHARGE LINE CONNECTION
- SUPPLY TEE FOR LIQUID LINE CONNECTION

### APR Control Selection:

System or Stage size is reduced by the Modulation Capacity listed above.

Oil entrainment in suction line must be addressed.

Please refer to Rawal Devices Fast Selection Chart or Consult with Rawal Devices Engineers

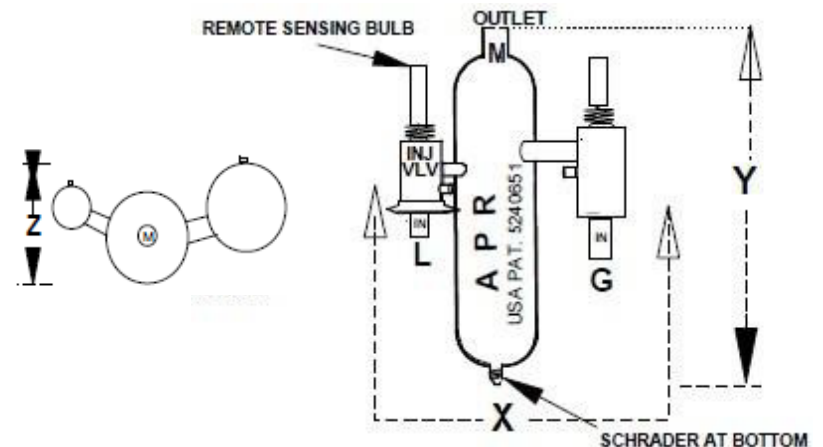
WHEN REQUIRED, SUPPLY TEE FOR EE CONNECTIONS EXTERNAL EQUILIZERS - EE - HAVE 1/4" SWEAT CONNECTION TEE EE CONNECTIONS INTO SUCTION LINE

BOTH SENSING BULBS ON LIQ INJ VALVE AND CRR VALVE MUST BE ATTACHED AND INSULATED TO SUCTION LINE BETWEEN TEE TO APR CONTROL DISCHARGE COMING FROM TOP OF THE CHAMBER AND COMPRESSOR

### ONLY WHEN NECESSARY:

REMOVE CAPS FROM ADJUSTMENT STEMS PRIOR TO ADJUSTING

TO ADJUST VALVES WHEN FACING ADJUSTING STEM CLOCKWISE DECREASES PRESSURE / TEMPERATURE. COUNTER-CLOCKWISE INCREASES PRESSURE / TEMPERATURE.



## RAWAL DEVICES, INC.

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