

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

Unit Dimensions

Connection Dimensions (OD)

Model #	Modulation Capacity		X	Y	Z	EE	L	M	G	Application
APR-410-1	1.5 tons		8.5"	8"	4"	N/A	3/8"	5/8"	3/8"	G - BOTTOM 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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