

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

USA PATENT # 5,240,651

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"	1/4"	1/4"	5/8"	3/8"	
APR-410-2	2.5 tons	8.5"	8"	4"	1/4"	1/4"	5/8"	3/8"	
APR-410-3	3.5 tons	8.5"	8"	4"	1/4"	1/4"	5/8"	3/8"	
APR-410-6	6.5 tons	9.5"	10"	4.5"	1/4"	1/4"	5/8"	5/8"	<b>G - SIDE CONNECTION</b>
APR-410-10	10 tons	12"	11"	5.5"	1/4"	1/4"	7/8"	7/8"	<b>G - SIDE CONNECTION</b>

The Hot Gas Bypass Valve should be set to begin opening at min. 32 degrees F. ~ 101 psi

SUPPLY BALL SHUT-OFF VALVES FOR ALL CONNECTIONS  
 SUPPLY TEE FOR SUCTION LINE CONNECTION  
 SUPPLY TEE FOR HOT-GAS CONNECTION

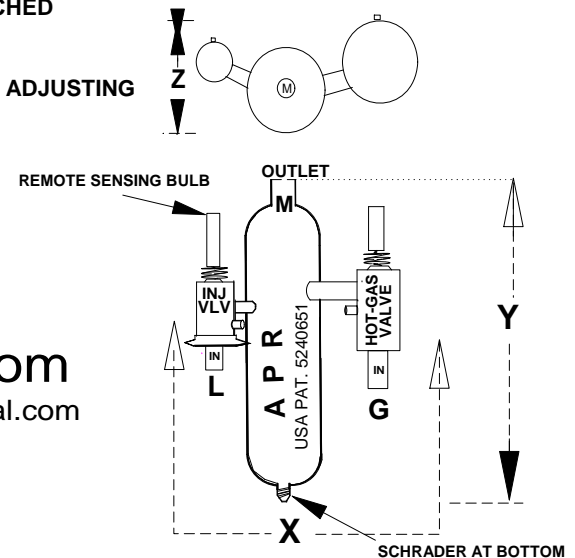
**APR Control Selection:**  
 System or Stage size is reduced by the Modulation Capacity listed above.  
 Oil entrainment in suction line must be addressed.  
 Please refer to Rawal Devices Fast Selection Chart

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

BULB ON LIQ INJ VALVES MUST BE ATTACHED TO SUCTION LINE  
 BETWEEN TEE TO APR CONTROL DISCHARGE AND COMPRESSOR

BULB ON HOT GAS BYPASS VALVES MUST BE ATTACHED  
 TO SUCTION LINE AND INSULATED

REMOVE CAPS FROM ADJUSTMENT STEMS PRIOR TO ADJUSTING  
 TO ADJUST VALVES WHEN FACING ADJUSTING STEM  
 CLOCKWISE LOWERS PRESSURE / TEMPERATURE  
 COUNTER-CLOCKWISE RAISES PRESSURE / TEMP.



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