

# APR-E™ VALVE - SPEC. & DIMENSION SHEET (R-410A & R-22)

Model #	Modulation Capacity (Tons)		Unit Dimensions			Connection Dimensions (OD)			Application Notes
	R-22	R-410A	X	Y	Z	L	M	G	
APR-E1	0.65 tons	1 ton	7.5"	12"	3.5"	3/8"	5/8"	3/8"	
APR-E2	1.8 tons	2.9 tons	8.5"	13"	4.5"	3/8"	5/8"	1/2"	
APR-E4	3.7 tons	5.9 tons	8.5"	13"	4.5"	3/8"	5/8"	1/2"	
APR-E5	5.1 tons	8 tons	8.5"	13"	4.5"	3/8"	5/8"	5/8"	
APR-E7	6.9 tons	11.3 tons	10"	14"	5"	3/8"	5/8"	5/8"	
APR-E12	12.5 tons	20.3 tons	10"	14"	5"	3/8"	5/8"	5/8"	

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

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

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

## 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

## RAWAL DEVICES, INC.

Call Tech Support: (800) 727-6447

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