

WHEN DEPENDABLE PERFORMANCE IS CRITICAL

CVR-MODULAR SERIES VAPOR RECOVERY UNITS APPLICATION DATA



SINGLE-STAGE VAPOR RECOVERY

<u>Inlet Pressure</u>	<u>Discharge Pressure @</u>	45 PSIA	55 PSIA	65 PSIA	75 PSIA	85 PSIA
CAPACITY (MSCFD)/HORSE POWER						
P1=14.7 PSIA Sea Level STANDARD	CVR-M-20	138/13	132/15	128/16		
	CVR-M-30	247/22	235/26	231/30		
	CVR-M-40	306/30	297/35	287/40		
	CVR-M-50	407/38	394/44	381/50		
	<u>CVR-MH-25</u>	125/13	119/16	114/18	109/21	103/23
	<u>CVR-MH-40</u>	224/23	210/27	195/30	181/34	166/37

Performance based @ Atmospheric pressure=sea level, Temperature=100° F

TWO-STAGE VAPOR RECOVERY

<u>Inlet Pressure</u>	<u>Discharge Pressure @</u>	100 PSIA	125 PSIA	150 PSIA
CAPACITY (MSCFD) / HORSE POWER				
P1=14.7 PSIA	<u>CVR-M-2-60 Maximum Volume*</u>	200 / 47	197 / 54	193 / 60
	CVR-M-2-60 Minimum Volume**	84 / 25	82 / 29	81 / 32
Sea Level STANDARD	<u>CVR-M-2-75 Maximum Volume*</u>	327 / 61	325 / 69	323 / 75
	CVR-M-2-75 Minimum Volume**	130 / 31	129 / 35	128 / 38

* Denotes VFD @ 60 Hz

**Denotes VFD @ 30 Hz

CVR-MODULAR SERIES VAPOR RECOVERY UNITS APPLICATION DATA

OPTIONAL ADDITIONS:

1. VFD/Motor controls (N1) (shipped loose for installation outside of hazardous area)

Note 1: VFD/Accessory starters motor control panel:

- Rated for full horsepower, 3-Phase, 460 Vac. with:
- 460 Volt, Combination VFD Panel to Include Main Breaker w/Operator, Input Line Reactor, 40HP Fuji Mega Series Drive, Enclosure Cooling, Keypad on the door w/Cover, Speed Pot, H.O.A Switch, Thermostat for Heating and Cooling
- (1) 1Hp Cooler Motor Starter, ***Note: 3 Hp on CVR-M-2 units***
- (1) 1/2Hp Lubricator/Coolant Pump Starter
- (1) 1/2HP Condensate Pump Motor
- Outdoor rated Enclosure
 - CVR-M-1-20 & 25,
 - CVR-M-1-30,
 - CVR-M-1-30
 - CVR-M-1-40
 - CVR-M-2-60
 - CVR-M-1-75

2. Cold environment heat trace (N2)

Note 2: Artic heat trace and insulation is provided on the condensate pump piping and valves with:

- 120 Vac, 1-phase thermostat
- Heat trace tape
- Silicate insulation and aluminum covering
- Thermostatic fan control

Customer to supply 120 Vac, 1-phase power if not purchased with starters

3. Proportional bypass (N3)

Note 3: Proportional gas recycle valve for continuous flow control with:

- Control Logic
- Pneumatic 3-15 psi top works
- I2P Transmitter 4-20 mA valve positioner

4. Double Bellows mechanical seal assembly

Prices Available Upon Request