

# CBC 26, CBC 27, CBC 28, CBC 29 VAPOR RECOVERY SYSTEMS

## FOR: All Approved Chemicals

### TABLE OF WORST CASE PRESSURE DROPS AS A FUNCTION OF LOADING RATE AND VAPOR DENSITY OF THE CARGO

TABLE I. For Cargoes With Vapor Densities Ranging Up To And Including 2.0

<u>Loading Rate</u>	<u>Pressure Drop</u>	<u>Pressure Drop</u>
3500 bbls/hr	.08 psi	2.2 inches H <sub>2</sub> O
4000 bbls/hr	.1 psi	2.8 inches H <sub>2</sub> O
4500 bbls/hr	.126 psi	3.5 inches H <sub>2</sub> O
5000 bbls/hr	.153 psi	4.2 inches H <sub>2</sub> O
5500 bbls/hr	.186 psi	5.2 inches H <sub>2</sub> O
6000 bbls/hr	.214 psi	6.0 inches H <sub>2</sub> O
7000 bbls/hr	.282 psi	7.8 inches H <sub>2</sub> O
8000 bbls/hr	.366 psi	10.1 inches H <sub>2</sub> O

TABLE II. For Cargoes With Vapor Densities Ranging From Above 2.0 Up To And Including 3.0.

<u>Loading Rate</u>	<u>Pressure Drop</u>	<u>Pressure Drop</u>
3500 bbls/hr	.1 psi	2.8 inches H <sub>2</sub> O
4000 bbls/hr	.13 psi	3.6 inches H <sub>2</sub> O
4500 bbls/hr	.16 psi	4.5 inches H <sub>2</sub> O
5000 bbls/hr	.19 psi	5.4 inches H <sub>2</sub> O
5500 bbls/hr	.23 psi	6.5 inches H <sub>2</sub> O
6000 bbls/hr	.27 psi	7.6 inches H <sub>2</sub> O
7000 bbls/hr	.37 psi	10.2 inches H <sub>2</sub> O
8000 bbls/hr	.47 psi	13.0 inches H <sub>2</sub> O

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### TABLE OF WORST CASE PRESSURE DROPS AS A FUNCTION OF LOADING RATE AND VAPOR DENSITY OF THE CARGO

TABLE III. For Cargoes With Vapor Densities Ranging From Above 3.0 Up to And Including 4.0.

<u>Loading Rate</u>	<u>Pressure Drop</u>	<u>Pressure Drop</u>
3500 bbls/hr	.123 psi	3.4 inches H <sub>2</sub> O
4000 bbls/hr	.156 psi	4.3 inches H <sub>2</sub> O
4500 bbls/hr	.19 psi	5.4 inches H <sub>2</sub> O
5000 bbls/hr	.24 psi	6.6 inches H <sub>2</sub> O
5500 bbls/hr	.28 psi	7.9 inches H <sub>2</sub> O
6000 bbls/hr	.34 psi	9.3 inches H <sub>2</sub> O
7000 bbls/hr	.45 psi	12.5 inches H <sub>2</sub> O
8000 bbls/hr	.58 psi	16.0 inches H <sub>2</sub> O

TABLE IV. For Cargoes With Vapor Densities Ranging From Above 4.0 Up to And Including 5.0.

<u>Loading Rate</u>	<u>Pressure Drop</u>	<u>Pressure Drop</u>
3500 bbls/hr	.14 psi	3.9 inches H <sub>2</sub> O
4000 bbls/hr	.183 psi	5.1 inches H <sub>2</sub> O
4500 bbls/hr	.23 psi	6.4 inches H <sub>2</sub> O
5000 bbls/hr	.28 psi	7.7 inches H <sub>2</sub> O
5500 bbls/hr	.34 psi	9.3 inches H <sub>2</sub> O
6000 bbls/hr	.39 psi	10.9 inches H <sub>2</sub> O
7000 bbls/hr	.53 psi	14.7 inches H <sub>2</sub> O
8000 bbls/hr	.68 psi	18.9 inches H <sub>2</sub> O