

Table 3-2
MPC Helium Backfill Limits¹

MPC MODEL	LIMIT
MPC-24/24E/24EF	
i. Cask Heat Load ≤ 27.77 kW (MPC-24) or ≤ 28.17 kW (MPC-24E/EF)	0.1212 +/-10% g-moles/l OR ≥ 29.3 psig and ≤ 33.3 psig
MPC-68/68F/68FF	
i. Cask Heat Load ≤ 28.19 kW	0.1218 +/-10% g-moles/l OR ≥ 29.3 psig and ≤ 33.3 psig
MPC-32/32F	
Cask Heat Load ≤ 28.74 kW	≥ 29.3 psig and ≤ 33.3 psig

¹ Helium used for backfill of MPC shall have a purity of $\geq 99.995\%$. Pressure range is at a reference temperature of 70°F