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**Volume Correction Factors to 15°C for Ethanol (Ethyl Alcohol Anhydrous) /
Facteurs de correction de volume de l'éthane (alcool éthylique anhydre) à 15°C**

Temp/ Temp. °C	Density/ Masse volum. (kg/m ³)	Volume Correction Factor/ Facteur de correction	Temp/ Temp. °C	Density/ Masse volum. (kg/m ³)	Volume Correction Factor/ Facteur de correction	Temp/ Temp. °C	Density/ Masse volum. (kg/m ³)	Volume Correction Factor/ Facteur de correction
-30.0	831.2	1.0475	-4.0	809.5	1.0202	22.0	787.5	0.9925
-29.5	830.8	1.047	-3.5	809.1	1.0197	22.5	787.1	0.9919
-29.0	830.3	1.0464	-3.0	808.7	1.0192	23.0	786.7	0.9914
-28.5	829.9	1.0459	-2.5	808.3	1.0187	23.5	786.3	0.9909
-28.0	829.5	1.0454	-2.0	807.9	1.0181	24.0	785.8	0.9903
-27.5	829.1	1.0449	-1.5	807.5	1.0176	24.5	785.4	0.9898
-27.0	828.7	1.0444	-1.0	807.1	1.0171	25.0	784.9	0.9892
-26.5	828.3	1.0438	-0.5	806.6	1.0165	25.5	784.5	0.9887
-26.0	827.9	1.043	0.0	806.2	1.016	26.0	784.1	0.9882
-25.5	827.5	1.0428	0.5	805.8	1.0155	26.5	783.7	0.9876
-25.0	827.1	1.0423	1.0	805.3	1.0149	27.0	783.3	0.9871
-24.5	826.7	1.0418	1.5	804.9	1.0144	27.5	782.8	0.9865
-24.0	826.2	1.0412	2.0	804.5	1.0139	28.0	782.4	0.986
-23.5	825.8	1.0407	2.5	804.1	1.0133	28.5	782.0	0.9855
-23.0	825.4	1.0402	3.0	803.7	1.0128	29.0	781.5	0.9849
-22.5	825.0	1.0397	3.5	803.3	1.0123	29.5	781.1	0.9844
-22.0	824.6	1.0392	4.0	802.8	1.0117	30.0	780.6	0.9838
-21.5	824.1	1.0386	4.5	802.4	1.0112	30.5	780.2	0.9833
-21.0	823.7	1.0381	5.0	802	1.0107	31.0	779.9	0.9828
-20.5	823.3	1.0376	5.5	801.6	1.0102	31.5	779.4	0.9822
-20.0	822.9	1.0371	6.0	801.1	1.0096	32.0	779.0	0.9817
-19.5	822.5	1.0365	6.5	800.7	1.0091	32.5	778.5	0.9811

Volume Correction Factors to 15°C for Ethanol (Ethyl Alcohol Anhydrous) / Facteurs de correction de volume de l'éthane (alcool éthylique anhydre) à 15°C								
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-19.0	822.1	1.036	7.0	800.3	1.0086	33.0	778.1	0.9806
-18.5	821.7	1.0355	7.5	799.8	1.008	33.5	777.7	0.9801
-18.0	821.3	1.035	8.0	799.5	1.0075	34.0	777.2	0.9795
-17.5	820.8	1.0344	8.5	799.1	1.007	34.5	776.8	0.979
-17.0	820.4	1.0339	9.0	798.6	1.0064	35.0	776.4	0.9784
-16.5	820.0	1.0334	9.5	798.2	1.0059	35.5	776.0	0.9779
-16.0	819.6	1.0329	10.0	797.8	1.0054	36.0	775.5	0.9773
-15.5	819.2	1.0324	10.5	797.3	1.0048	36.5	775.1	0.9768
-15.0	818.7	1.0318	11.0	796.9	1.0043	37.0	774.7	0.9763
-14.5	818.3	1.0313	11.5	796.4	1.0037	37.5	774.2	0.9757
-14.0	817.9	1.0308	12.0	796.0	1.0032	38.0	773.8	0.9752
-13.5	817.5	1.0303	12.5	795.6	1.0027	38.5	773.3	0.9746
-13.0	817.1	1.0297	13.0	795.2	1.0021	39.0	772.9	0.9741
-12.5	816.7	1.0292	13.5	794.8	1.0016	39.5	772.5	0.9735
-12.0	816.3	1.0287	14.0	794.4	1.0011	40.0	772.1	0.973
-11.5	815.9	1.0282	14.5	793.9	1.0005			
-11.0	815.4	1.0276	15.0	793.5	1.0000			
-10.5	815.0	1.0271	15.5	793.1	0.9995			
-10.0	814.6	1.0266	16.0	792.6	0.9989			
-9.5	814.1	1.026	16.5	792.2	0.9984			
-9.0	813.7	1.0255	17.0	791.8	0.9979			
-8.5	813.3	1.025	17.5	791.4	0.9973			
-8.0	812.9	1.0245	18.0	791.0	0.9968			

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-7.5	812.5	1.0239	18.5	790.5	0.9962			
-7.0	812.1	1.0234	19.0	790.1	0.9957			
-6.5	811.7	1.0229	19.5	789.7	0.9952			
-6.0	811.3	1.0224	20.0	789.2	0.9946			
-5.5	810.8	1.0218	20.5	788.8	0.9941			
-5.0	810.4	1.0213	21.0	788.4	0.9936			
-4.5	810.0	1.0208	21.5	787.9	0.993			

**Cubical coefficient of expansion at 15°C =
0.001072 per °C**

**Coefficient cubique de dilatation à 15°C =
0.001072 par °C**

To obtain the net volume of liquid at 15°C, multiply the uncompensated meter reading by the Volume Correction Factor (VCF) which corresponds to the average measured temperature of the liquid during the delivery.

Pour obtenir le volume net du liquide à 15°C, multiplier le volume non compensé enregistré par le compteur, par le facteur de correction du volume (FCV) qui correspond à la température moyenne du liquide, mesurée pendant la livraison.

Densities are mass (in vacuum) and are taken from: Thermodynamic Properties of Ethanol at Atmospheric Temperature, by T.S. Khasanshin and A.A. Aleksandrov, *Journal of Engineering Physics*, Vol. 47, No. 3, 1984.

Les masses volumiques sont des masses (sous vide) et sont tirées de : Les propriétés thermodynamiques de l'éthanol à la pression atmosphérique, *Journal of Engineering Physics*, Vol. 47, No.3, 1984.