

TECHNICAL SPECIFICATION
DRINKING WATER COOLER / CHILLER
300/500 Liters

Item	Technical Specification
Brand	NC, Fisher, Bel Cold or Equivalent commercial Grade high durability as approved by the Engineer In charge
Type	Heavy Duty commercial Indoor Drinking Water Cooler / Chiller
Storage Capacity	300/500 Litres, suitable for approximately 400–450/ 600-700 persons
Water Tank	Stainless Steel, minimum 18 SWG thickness Double wall insulated Tank
Tank Material	Food-grade Stainless Steel, SS /308
Compressor	2 × Copeland (USA) compressors, 1 HP each or as approved by the Engineer
Compressor Power Supply	1-Phase
Fan Motor	High-speed fan motor, copper
Condenser	Industrial-grade condenser (Copper)
Filter Dryer	Industrial-grade filter dryer
Refrigerant System	Refrigerant piping complete with R-134a
Temperature Control	Digital temperature controller with protection and safety features
Cooling Efficiency	Imported fan motor for enhanced cooling efficiency
Pipe Connection	PPRC pipe connection from chiller to filtration tabs/fittings Food grade
Fittings	Complete with all required fittings and transportation

Note: Vendor/Contractor shall get formal approval of all the material and components through the detailed technical submittal prior to delivery of all the equipment at site.