



ULTRA FLOW
MODEL 60858



1. INSTALLATION

1.1 Unpacking and Inspection:

Each Power Pack was thoroughly inspected before leaving the factory and the carrier has accepted and signed for it. Any damage or irregularities should be noted at the time of delivery and immediately reported to delivering carrier. Request a written inspection report from the Claim Inspector to substantiate any necessary claims. File the claim with the delivering carrier, NOT with Ultra Flow Holdings.

1.2 Location – Placement of Unit:

- A. Good air circulation to dissipate heat. To ensure adequate air circulation with makeup air, allow a minimum of ten inches of clearance on sides and top. Unit cannot be placed flat against a wall or in an enclosed area.
- B. Cool area if possible.
- C. Install as level as possible.
- D. Power Pack should be placed where temperature gauges are visible.
- E. Power pack should be on its own dedicated breaker. (See Specifications for your particular model).

1.3 Electrical Hook-Up:

- A. A separate electrical box has been supplied on Power Pack for the electrician to directly Hook-up to permanent power source. (See Specifications for voltage requirement for your particular unit)
- B. Supply an independent circuit breaker or receptacle for Power Pack.
- C. Optional NEMA 5-20P power cord available for specific models. (60835A, 60835A & 60858)

1.4 Connection of Supply Lines:

- A. Outlet line on Power Pack should go to farthest station first, and then feed Subsequent stations.

1.5 Filling Unit with Glycol:

- A. Remove cap from top of unit pour provided glycol into reservoir. (See glycol container for mixture dilution instructions).
- B. Making sure all line connections have been connected securely, turn pump switch on.
- C. Liquid level will drop until system is full. As pump is running, replenish liquid supply as needed.
- D. Temperature setting is preset at 30°F with cycling differential @ 3°F. (If desired temperature setting needs to be adjusted, see thermostat instructions)

1.6 Starting-up of Glycol Unit:

- A. Upon start-up of refrigeration unit, at least one pump-motor must be running at all times to ensure positive liquid flow through refrigeration system. Refrigeration system is built with a Flat plate evaporator that requires water/glycol flow to avoid possible freezing of evaporator plate.

1.7 Maintenance of Glycol Unit:

- A. Every 3 months the air filter located on rear of unit should be checked. Failing to check the filter regularly can be costly: dust, dirt and grease can clog filter and also work their way into the condenser fins, reducing the refrigeration operating efficiency and eventually damaging the compressor.
- B. Check Glycol levels every 6 months to ensure a +5 to +10°F dilution range using hydrometer .
- C. Visually check surround area of power pack location from blocked air flow, debris or anything that may restrict airflow through the refrigeration system.



2. GENERAL DESCRIPTION

2.1 Ultra Flows Cold Blast® Power Pack is designed to maintain the temperature of draft beer from the

Cooler to the dispensing station. This is accomplished by refrigerating food grade propylene glycol in a reservoir and circulating it through polyethylene lines, attached to separate beer lines from the Cooler to the dispensing station.

2.2 Each machine consists of a 3 gallon sealed glycol reservoir, circulating pump and motor, easy to read digital temperature controller and glycol return digital LED temperature display, and individual ON/OFF illuminated power rocker switches controlling compressor and each circulating pump and motor.

2.3 Table of Design

Specifications – Part no. UF58 / Model 60858

Safety Inspection Listings	ETL
Maximum Distance	400'
Condenser Type	AIR COOLED
Water Connection	None
Drain Required	None
Refrigerant Type	404A
Refrigerant Charge by Weight	4 lbs. 4 oz
Factory Charging Pressures @ 90° F Ambient with 29° Water/Glycol Solution	52 Low 250 High
Compressor Horse Power	5/8
BTUH @ +15° Evaporator, 90° F Ambient	5000+
Voltage – 60 Hz / 1 Phase	115V
Compressor Run Amps (LRA)	54.5
Compressor Run Amps (RLA)	10.5
(1) Pump Motor 1/3 HP, 1725 RPM (Amps)	5.6
LED Thermometer – Transformer	12V
Overall System Run (RLA)	16.10
Required Minimum Fuse Size – Dedicated NEMA 5-20R Receptacle	20 Amp Service
Heat Rejection @ 90°F – BTUH	6500
Reservoir Capacity – Gallons	3
Thermostat – Digital Control Dif Adjust/Preset	4°
Circulating Pump, GPH (adjustable)	100
Dimensions	Width Length Height
	30” 21” 19”
Weight of Unit (glycol filled)	157 lbs