

## Subject: Setup of Nugget Ice Machines on Ice and Beverage Dispensers

Kits by dispenser brand and model, specific instructions provided with each kit:

### Scotsman ID150, ID200 and ID250

- Add correct adapter kit (see Scotsman sales literature)
- NME models: Add thermostat kit KDIL-N-ID2 with ID200 and ID250. Not used on ID150.
- **N0422, N0622, N0922, N1322** models: Add KVS ice level control. Set to first setting.
- All: Add KNUGDIV diverting plate kit
- All: Discard or keep restrictor plate, adjust to 1.5" opening
- All: Adjust agitation time to 2 seconds on every 3 hours

### Cornelius

- Add correct adapter kit (see Scotsman sales literature)
- ED150: Change agitator to R629088514 when using w/cold plate
- ED200/DF200 and NME models: Add thermostat and ice slide kit KDIL-N-200
- ED250/DF250 and NME models: Add thermostat and ice slide kit KDIL-N-250
- ED300 and NME models: Add thermostat kit KDIL-N-ID3 plus Cornelius adapter plus Cornelius agitator kit.
- IDC215/255 and NME models: Add thermostat kit KDIL-N-CFF
- **ED200/DF200 and N0422, N0622, N0922, N1322 models:** Add KDIL-PN-200 ice level and slide kit
- **ED250/DF250 and N0422, N0622, N0922, N1322 models:** Add KDIL-PN-250 ice level and slide kit
- **ED300 and N0422, N0622, N0922, N1322 models:** Add KDIL-PN-ID3 thermostat kit plus Cornelius adapter plus Cornelius agitator kit.
- **IDC215/255 and N0422, N0622, N0922 or N1322:** Add KVS ice level control kit
- All: Discard or keep restrictor plate, adjust to 1.5" opening
- All: Adjust agitation time to 2 seconds on every 3 hours

**Lancer** - nugget ready dispensers and NME models only. Prodigy Nugget models do not fit current Lancer adapter.

- Use Lancer adapter with Nugget-ready Lancer dispenser
- Use Lancer thermostat bracket, included with Lancer adapter
- Add Scotsman thermostat kit KDIL-N-L
- Route thermostat cap tube per Lancer instructions - see page 3
- Position ice machine flush with right side of dispenser
- Adjust agitation time to 4 seconds on every 150 minutes

### SerVend

- Install components as recommended by SerVend - if an ice level control is added, connect contacts in series with mode switch of ice machine.

## General Background Information

NME654, NME954 and NME1254

- Added bin control contacts to be wired in series with the mode (toggle) switch.
- Thermostat must not shut unit off until ice is in full contact with cap tube or bracket
- TXV bulb must be tight to suction line
- Water level in reservoir should be checked

N0422, N0622, N0922 or N1322. Prodigy nugget models

- Use KVS instead of thermostat.

### Adapters:

All installations require an adapter plate. The adapter plate covers the top of the dispenser, has a drop zone hole for the ice to go through and supports the ice machine. Some adapters include a baffle to keep the ice from forcing its way out the front during dispensing.

### Kits:

Additional kits are required for proper operation. See the table for kit applications.

- KNUGDIV – diverter kit for Scotsman and Cornelius dispensers. Installed in the ice chute area.
- KBT bin tops. Adapters for Scotsman and Cornelius dispensers.
- KDIL-N-ID2. Kit to add a bin thermostat to ID200 and ID250
- KDIL-N-200. Kit to add a bin thermostat and ice slide to 200 size Cornelius ice beverage dispensers. Also includes KNUGDIV
- KDIL-N-250. Same as above except fits the 250 sized models.
- KDIL-PN-200. Kit to add a KVS and ice slide, only used with Prodigy Nugget models.
- KDIL-PN-250. Same as above
- KDIL-PN-ID3. Kit to add a thermostat when placed on an ED300. Only used with Prodigy Nugget models.
- KDIL-N-CFF. Kit to add a bin thermostat to Cornelius Flavor Fusion models.
- KDIL-N-L. Kit to add a bin thermostat to the special nugget capable Lancer dispenser.
- KVS - ultrasonic adjustable ice level control. Only used with Prodigy Nugget models.

### Adjustments:

All the dispensers have automatic agitation to keep the ice stirred up. If agitation is too frequent, the nugget ice will be damaged and will become difficult to dispense. The Scotsman and Cornelius dispensers need to be set to .5 seconds on every 3 hours and the Lancer needs to be set to 4 seconds on 150 minutes off.

The Scotsman and Cornelius dispensers also have a restrictor plate at the outlet of the hopper. That plate should be discarded or adjusted to be 1.5" open to limit the speed the nugget ice flows out during dispensing.

### KDIL Overview:

The KDIL-N-ID2 kit includes a thermostat, thermostat mounting bracket and cap tube mounting bracket.

The KDIL-N-200 and 250 kits include a thermostat, thermostat mounting bracket, cap tube mounting bracket and ice slide. The cap tube mounting bracket is also the baffle that mounts to the adapter.

The ice slide snaps into the slot in the bottom of the ice hopper that allows ice to flow to the cold plate. The thermostat is wired in series with the ice machine mode switch and mounts in the control box. A KNUGDIV kit is also included.

The KDIL-N-L kit includes a thermostat and a mounting bracket for the control box. A separate part from Lancer is also required. That part includes an ice machine mounting plate and a bin thermostat cap tube bracket. The thermostat in this kit is also wired in series with the mode switch.

The KDIL-PN-200 or 250 include a KVS, ice slide and a KNUGDIV.

The KDIL-PN-ID3 includes a thermostat and mounting bracket.