




Loews / Chiller 2: Circled chiller. Lift plan to be filed separately.



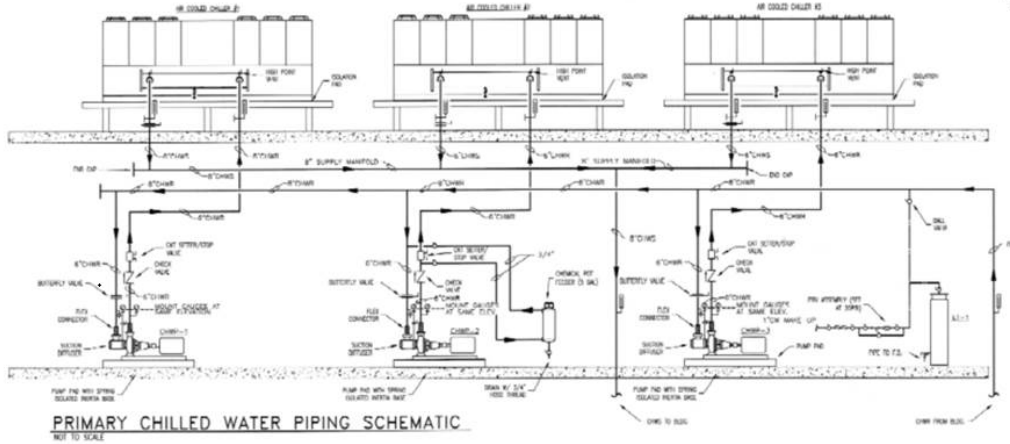
300 Poydras St Building




Proposed location is minimally visible from the public right of way because of parapet walls and overall height of building.

Any conduit or other mechanical equipment that would be visible from the public right of way must be approved by the HDLC.





PRIMARY CHILLED WATER PIPING SCHEMATIC
NOT TO SCALE

Summary Performance Report For ACC-1

Project: Loews Hotel Chiller 03/15/2022
 Prepared By: 12:39PM



AquaForce™ Air-Cooled Variable Speed Screw Chiller



Unit Information

Tag Name: ACC-1
 Model Number: 30XV200S
 Quantity: 1
 Manufacturing Source: Charlotte, NC USA
 ASHRAE 90.1: 2013/2016, 2010, 2007
 Refrigerant: R-134a
 Independent Refrigerant Circuits: 2
 Shipping Weight: 12090 lb
 Operating Weight: 12317 lb
 Refrigerant Weight (Circuit A): 130 lb
 Refrigerant Weight (Circuit B): 140 lb
 Unit Length: 255 in
 Unit Width: 88 in
 Unit Height: 99 in
 Required Pad Length: 235 in

Accessories and Installed Options

- Suction Line Insulation
- Control Transformer
- Non-Fused Disconnect
- Micro Channel, E-Coat
- Flooded Evaporator, 2 pass, w/ Heater
- Variable Speed Condenser Fans
- High SCRR 65 kA Current Rating
- Coil Trim Panels (Header side only)
- Low Ambient Head Pressure Control
- Standard Tier

Electrical Information

Unit Voltage: 460-3-60 V-Ph-Hz
 Connection Type: Single Point
 Minimum Voltage: 414 Volts
 Maximum Voltage: 506 Volts
 SCCR: .65 kA

Amps	Electrical Circuit 1	Electrical Circuit 2
MCA	372.0	---
MOCP	500.0	---
Rec Fuse Size	450.0	---

Evaporator Information

Fluid Type: Fresh Water
 Fouling Factor: 0.000100 (hr-sqft-F)/BTU
 Leaving Temperature: 44.00 °F
 Entering Temperature: 55.69 °F
 Fluid Flow: 400.0 gpm
 Pressure Drop: 14.9 ft H2O

Condenser Information

Altitude: 0.000 ft
 Number of Fans: 10
 Total Condenser Fan Air Flow: 145,000 CFM
 Entering Air Temperature: 95.0 °F

Integrated Pump Information

No Pump Selected

Performance Information

Cooling Capacity: 195.6 Tons
 Total Compressor Power: 216.8 kW
 Total Fan Motor Power: 13.60 kW
 Total Unit Power (without pump): 234.3 kW
 Efficiency (without pump) (EER): 10.02 BTU/Wh
 IPLV: IP: 19.35 BTU/Wh