



## CHILLER MODEL: GD-90H-3LC-VA3

230 Volt 1 Phase	
FLA	-
MCA	-
MOC	-

230 Volt 3 Phase	
FLA	374
MCA	401
MOC	507

460 Volt 3 Phase	
FLA	185
MCA	198
MOC	251

Dimensions <sup>1</sup>	91"W x 167"L x 102"H
Frame	Powder Coated Steel
Housing	Powder Coated Aluminum
Tank	120 Gallon Stainless Steel
Compressor	30 HP Two-Stage Recip (x3)
Condenser	Air-Cooled Vertical Discharge
Process Pump	5 HP
Flow Rate	75 GPM @ 25 PSI
Recirc Pump	5 HP
Connection Size	2" CTS Flange
Heat Exchanger	Stainless Steel Brazed Plate
Controls	Microprocessor w/ Comm.

Electrical Enclosure	NEMA 3R
Refrigerant	R404a

### Cooling Capacity by Leaving Fluid Temperature<sup>2</sup>

LFT	Btu/H	kW
-50 °F	162,600	47.7
-40 °F	219,200	64.2
-30 °F	288,300	84.5

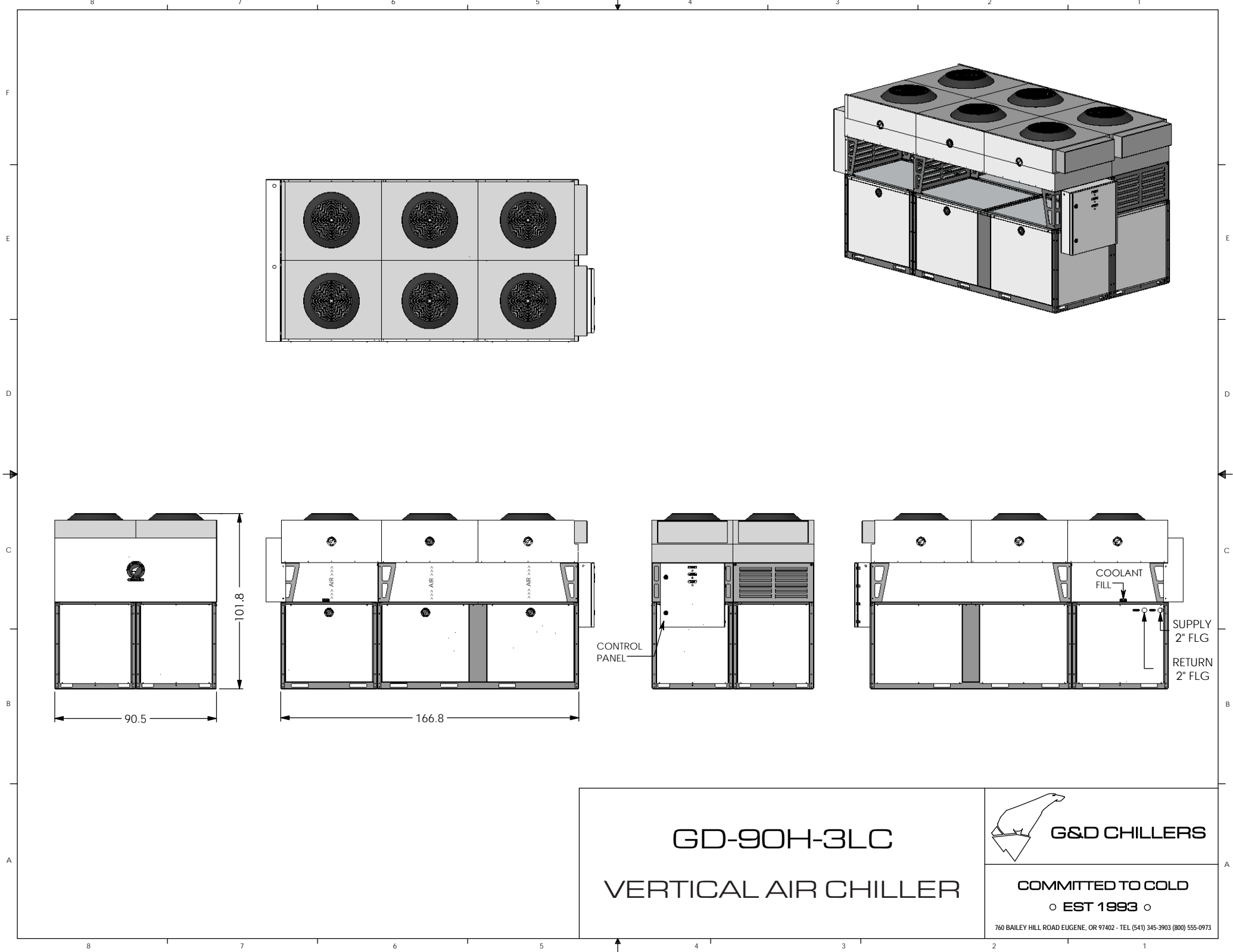
<sup>1</sup> Dimensions accurate for package chiller, remote condenser options will vary

<sup>2</sup>All capacities at 90 °F ambient

### Chiller package consists of the following:

- Three complete refrigeration circuits
- Air-cooled condenser
- Process pump with VFD
- Recirculation pump
- Fluid bypass valve
- Freeze stat safety switch
- All insulated copper piping
- Powder coated steel frame
- Powder coated aluminum housing
- Semi-hermetic two-stage reciprocating compressors with subcoolers
- Engineered high efficiency heat exchanger for maximum energy savings
- Heavily insulated stainless steel coolant reservoir
- Microprocessor controller with communication
- ETL (UL508) listed complete control panel with single point electrical connection, breakers, starters & safety switches
- CTS flange coolant connections
- Louvered aluminum access panels for easy service & maintenance
- Factory run tested and fully charged with refrigerant

**2 Year Parts and 1 Year Labor Warranty**



# GD-90H-3LC

## VERTICAL AIR CHILLER



COMMITTED TO COLD  
 ○ EST 1993 ○

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