

D Series

Drop-In Submersed Coil
1 – 30 Ton Capacity

No Clog and Cleanable

Eliminate the worry of a clogged heat exchanger. Drop-in chillers work in the dirtiest, unfiltered processes without additional pumps. The D Series can be used in existing tanks for grinding and heavy cutting applications and provide the added benefit of reduced floor space.

Product Features

- Drop-In, Stainless Coil Design
- Capacities from 12,000 BTU/hr to 360,000 BTU/hr
- Water, Water/Glycol, Water-Soluble, and Oil-Based Fluids
- R407C Refrigerant
- Highly Customizable
- Air-Cooled Condenser (Standard)
- Powder Coated Cabinet
- Voltage Options Available
- Fluid Setpoint 70–95°F
- Ambient Temperature Range 50–95°F
- Temperature Stability $\pm 3^\circ\text{F}$ (Optional $\pm 1^\circ\text{F}$)
- 18-Month Parts and Labor Warranty
- 24/7 Service and Support
- Next Day Parts Available

(Fluid and ambient temperatures can vary. Consult factory for the effect on capacity. Stated capacity based on 85°F fluid setpoint and 95°F ambient.)

**Glen
Dimplex**
Thermal
Solutions



**Koolant
Koolers**



Base Configuration

Air-Cooled Condenser

Hermetically Sealed Scroll Compressor

NEMA 1 Standard E-Box

Digital Temperature Controller

Stainless Submersible Heat Exchanger

Vertical Air Discharge

Phase Monitor

Cleanable Air Filters

Options*

Remote or Water-Cooled Condensers

Fused Disconnect

Remote PDG (up to 150')

Remote Box (w/ PGD)

Remote Start/Stop

Voltage Options

Ambient Tracking

Lifting Frame

Service/Maintenance Packages

cUL Certification

*These are pre-designed options. Any configuration is available, but will affect delivery.

MODEL	CAPACITY	ELECTRICAL	FLA	MINIMUM COIL FRAME DEPTH	UNIT DIMENSIONS (LxWxH)	CRATED WEIGHT
WATER/WATER SOLUBLE	BTU/HR	VOLTAGE	AMPS	INCH	INCH	LBS
DVI-1000	12,000	230/3/60 460/3/60	6.8 3.5	18	36x25x40	800
DVI-2000	24,000	230/3/60 460/3/60	20 9.5	22	36x25x40	800
DVI-3000	36,000	230/3/60 460/3/60	20 9.5	28	35x35x54	1,000
DVI-5000	60,000	230/3/60 460/3/60	31 15.8	28	35x35x54	1,000
DVI-7500	90,000	230/3/60 460/3/60	43.8 22.3	33	67x35x54	1,350
DVI-10000	120,000	230/3/60 460/3/60	52.8 27	33	67x35x54	1,350
DVI-15000	180,000	230/3/60 460/3/60	79.5 40.5	36	50x46x74	1,600
DVI-20000	240,000	460/3/60	48.3	33	73x67x54	1,800
DVI-30000	360,000	460/3/60	76.8	36	84x48x74	3,000

OIL BASED	BTU/HR	VOLTAGE	AMPS	INCH	INCH	LBS
DVI-1000	11,000	230/3/60 460/3/60	9 4.6	18	36x25x40	800
DVI-2000	21,000	230/3/60 460/3/60	22.2 10.6	22	36x25x40	800
DVI-3000	32,000	230/3/60 460/3/60	22.2 10.6	28	35x35x54	1,000
DVI-5000	56,000	230/3/60 460/3/60	33.2 16.9	28	35x35x54	1,000
DVI-7500	81,000	230/3/60 460/3/60	48.2 24.5	33	67x35x54	1,350
DVI-10000	108,000	230/3/60 460/3/60	57.2 29.2	33	67x35x54	1,350
DVI-15000	165,000	230/3/60 460/3/60	83.9 42.7	36 33	50x46x74	1,600
DVI-20000	220,000	460/3/60	52.7	33	73x67x54	1,800
DVI-30000	330,000	460/3/60	81.2	36	84x48x74	3,000

