	SUBJECT: (W/G)O2 Series Installation Guidelines - Siting		NUMBER: ENG-SVC-0066
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Purpose:	Define process of (W/G) Series chiller installation siting considerations
Scope:	Applicable to all field personnel participating in installation of defined equipment.
Related Documents:	F-M001.3 Medical Installation Checklist Rev 3

Affected Equipment:

All versions of the following product lines.

Table 1: Affected Equipment

WO2-3000	WO2-2-3000
WO2-5000	(W/G)02-2-5000
(W/G)02-7500	WO2-2-7500
WO2-10000	(W/G)02-2-10000

Receipt/Delivery:


All installation is the responsibility of installation contractor/customer. Always follow all local ordinances and codes.

Unit Weight:

- Please refer to your unit's manual, or reach out to Dimplex for the weight of the unit in question.

Arrangements:

- Unit and glycol (if purchased) will arrive on a flat-bed truck. The freight carrier does not provide unloading service. This will need to be completed by receiving location.
- The chiller is shipped with protective packing and wrapping that should remain in place until the unit is transported to its final installation location. It is recommended that the chiller (crated or uncrated) be moved with a forklift.
- Upon delivery of the chiller, always verify that the shipment matches the bill of lading. Inspect the chiller immediately for signs of shipping damage both visible and concealed. Damaged crating likely indicates damage to the chiller and may require the removal of the panel and/or air filter(s) for further inspection. Any damage must be reported to the shipping carrier and a copy of the damage claim submitted to your sales representative.
- The Chiller is designed to be installed outdoors. The WO2 series is suitable for installation indoors provided the space can dissipate the heat rejected from the Chiller.
- When installing the GO2 series read ENG-SVC-0089 to ensure compliance to all flammable refrigerant specific requirements.
- The Chiller has potential for misuse that could result in unplanned downtime. The main disconnect, drain and possibly field installed service valves can be operated by unauthorized personnel. It is recommended that the

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unit has restricted access to the public.

Installation Environmental Guidelines:

- Units installed within 30 miles of the ocean should be a coastal designated design to prevent excessive corrosion.
- If OSHPD certification is required in your area, please ensure you are installing a chiller that has OSHPD Certification prior to delivery of unit.
- Please refer to plumbing piping limits and guidelines to ensure adequate coolant flow prior to setting unit in place.
- Standard ambient ranges are shown in the following table. Refer to DTS ratings specific to the chiller received if ambient range is in question.

Table 2: Ambient Conditions

	Standard Ambient	Low Ambient
WO2-3000	-20°F (-29°C) / 104°F (40°C)	-40°F (-40°C) / 104°F (40°C)
WO2-5000	-20°F (-29°C) / 104°F (40°C)	-40°F (-40°C) / 104°F (40°C)
WO2-7500	-20°F (-29°C) / 104°F (40°C)	-40°F (-40°C) / 104°F (40°C)
WO2-10000	-20°F (-29°C) / 104°F (40°C)	-40°F (-40°C) / 104°F (40°C)
WO2-2-3000	-20°F (-29°C) / 122°F (40°C)	-40°F (-40°C) / 122°F (50°C)
WO2-2-5000	-20°F (-29°C) / 122°F (40°C)	-40°F (-40°C) / 122°F (50°C)
WO2-2-7500	-20°F (-29°C) / 122°F (40°C)	-40°F (-40°C) / 122°F (50°C)
WO2-2-10000	-20°F (-29°C) / 104°F (40°C)	-40°F (-40°C) / 104°F (40°C)
GO2-7500	-40°F (-40°C) / 122°F (50°C)	
GO2-2-5000	-40°F (-40°C) / 122°F (50°C)	
GO2-2-10000	-40°F (-40°C) / 122°F (50°C)	

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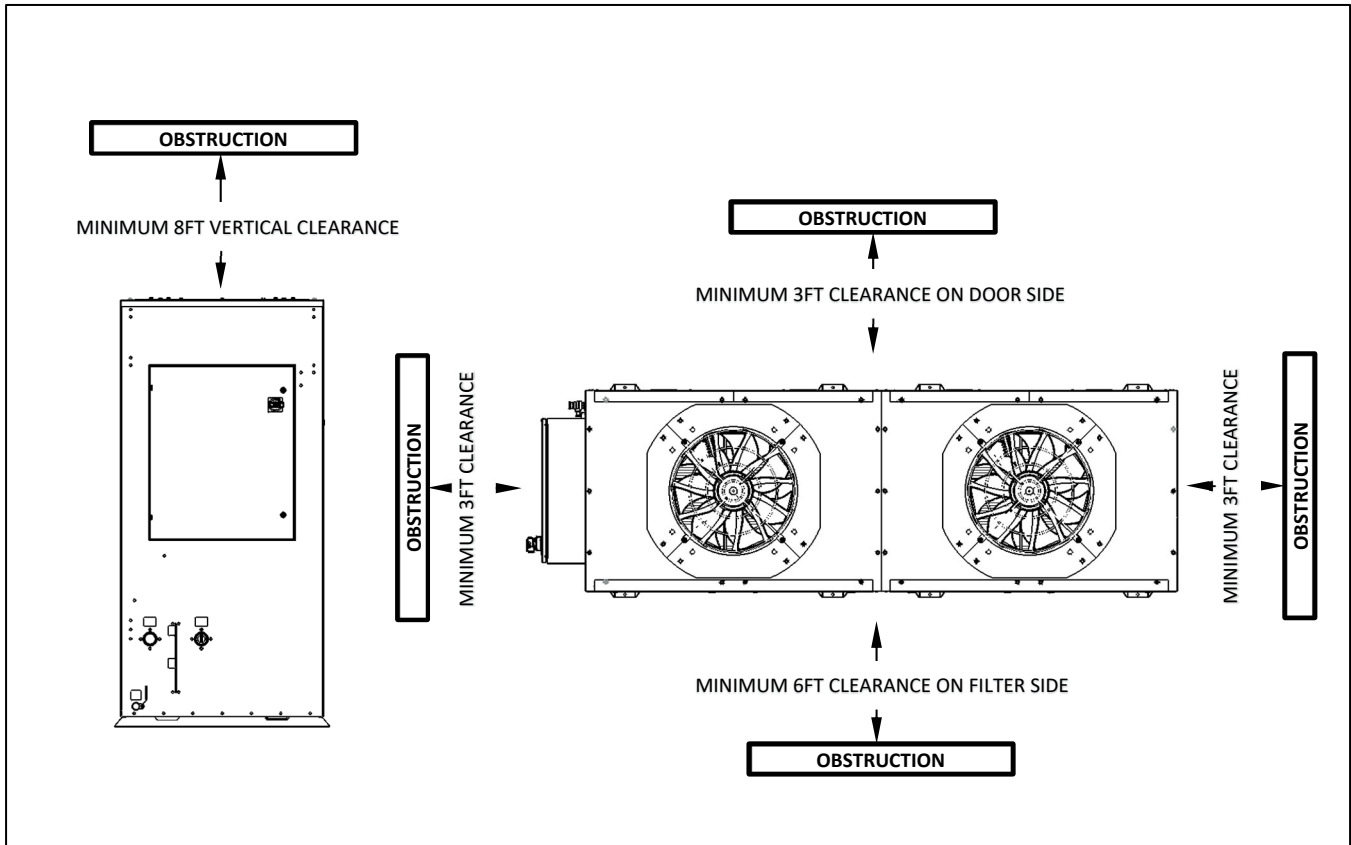
Rigging/Setting:


- Do not place in a mezzanine, near a ceiling or in an enclosed room without consulting factory.
- Placing chiller under or near roof eaves can result in falling ice/debris damage to the chiller, or damage to the eaves from hot air discharge.
- If there is a concern about adequate ventilation for the chiller, consult the factory.
- Refer to machine specific layout drawing for foot spacing / mounting dimensions.

Ground Level Setting:

- Place unit on a concrete pad 5'W x 12'L x min 4" depth.
- Pad must be poured with less than ½" slope per 10' or be shimmed to level.
- Secure unit to pad with 1/2" bolts at all 8 mounting points for WO2 units.
- Secure unit to pad with 1/2" bolts at all 32 mounting points for GO2 units.
- Ensure required clearances are followed.

Figure 1: Required Clearance



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Roof Level Setting:

- Ensure all clearances shown in **Figure 1: Required Clearance** are followed.
- For rooftop installs where the unit is above patient rooms or staff areas, Dimplex recommends the use of Isolation springs that are placed between the chiller and roof curb to eliminate vibration.
- DIMPLEX does not provide roof curbs or rails, installation contractor must include these if needed.
- Chiller must be level or within ½" slope per 10'.

Revision History:

Version	Revision Date	Description of Change	Changes Made By (Name & Title):
A	7/30/2024	Initial release of document	Ben Post, Engineer
B	12/3/2025	Added GO2 series to document.	Andrew Mora, Engineer