

# Detailed Overview of SlimKeeper

SLK008-015 ( $\frac{3}{4}$  -  $1\frac{1}{4}$  Tons)



## Features of the Bulldog SlimKeeper



### SLK008-015

- Only 11 inch clear height makes the SLK an ideal choice for shallow ceiling heights
- No condensate trap required since drain pan is under positive pressure
- Includes a plug as a means of disconnect
- ECM as standard
- Four configuration options

### Standard on all Bulldog Units

- Hybrid Heat Pump with no reversing valves
- Hydronic heat
- Unit mounted microprocessor with safeties and diagnostics
- Factory mounted Demand Flow and Auto Flow valves optional
- Exceed ASHRAE 90.1 efficiency rating
- Quiet operation (Fan Coil sound levels in the heating mode)
- Special compressor isolation prevents 90% of vibration transmission
- Stainless Steel drain pan
- HFC-410A
- Optimum efficiency at 2USgpm/ton




# SlimKeeper Heating and Cooling Capacities

## Heating Capacities in Btu/h SlimKeeper (SLK008-015)

EC Motors				
Unit Models	SLK008	SLK010	SLK012	SLK015
Nominal Air Flow (CFM)	240	300	360	450
EWT 100°F	6,870	7,825	8,720	10,267
EWT 105°F	8,105	9,129	10,173	11,978
EWT 110°F	9,160	10,434	11,626	13,690
EWT 120°F	11,450	13,042	14,533	17,112

With EAT of 70°F and 2 USgpm/ton

	Model	Water Loop Heat Pump	
		Cooling EWT 86°F	
		Capacity (Btuh)	(EER Btuh/W)
Slim Keeper (SLK)	SLK008	8,483	13.80
	SLK010	9,253	13.90
	SLK012	10,945	13.00
	SLK015	13,341	12.70

Cooling capacities based upon EAT 80.6°F (26°C) DB / 66.2°F (19°C) WB, and EWT 86°F (30°C) \* Fan Motors are EC type

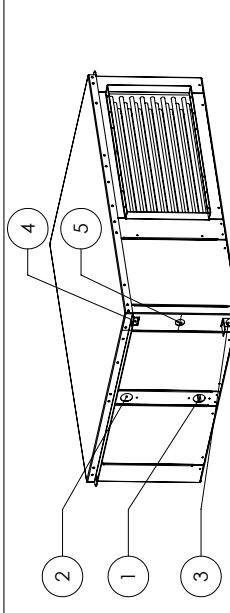
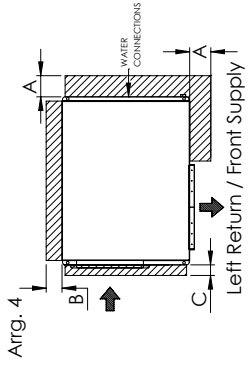
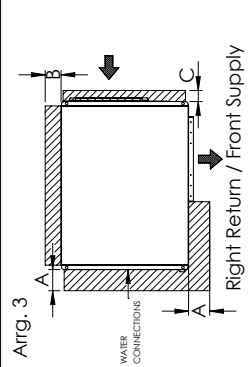
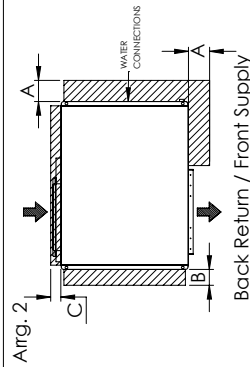
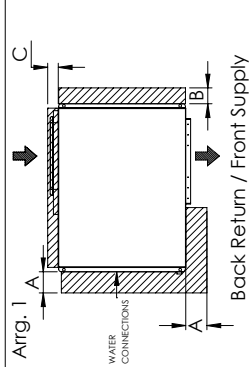
Cooling capacity and efficiency rated in accordance with ISO 13256-1

# SlimKeeper Dimensional Drawing

## SLK008-015

### SLK008-015 Dimensional Diagram

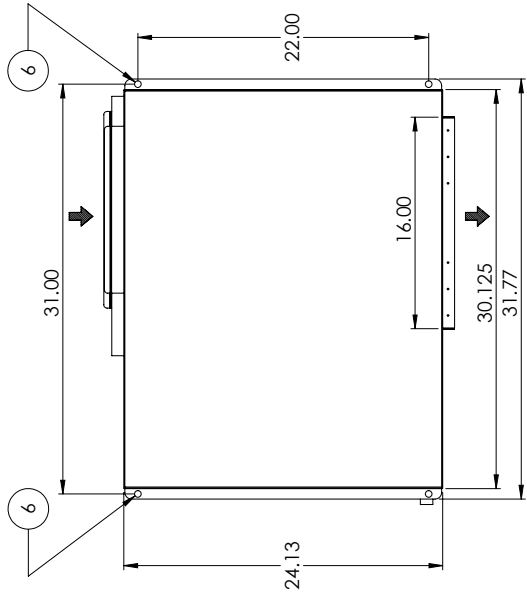
#### CONFIGURATIONS POSSIBLE



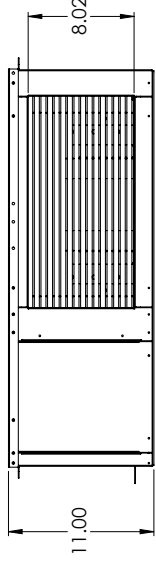
1. Water Inlet, 1/2" FPT
2. Water Outlet, 1/2" FPT
3. Condensate Drain, 3/4" Tube
4. High Voltage Power Cord Complete with NEMA 6-15 Plug
5. Low Voltage Access, 7/8"
6. Hanging Points

#### REMARKS:

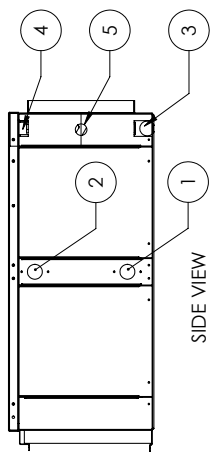
- i) Rubber is shear isolation included.
- ii) One disposable fiberglass filter included (10" x 20" x 1")
- iii) Drain pan is under positive pressure. Trap not required
- iv) Arrangement 1 is shown
- v) For proper servicing of the refrigerant circuit, the unit should be lowered to ground level and the top panel should be removed.
- vi) This unit is a Blow Through unit instead of CGC Group's standard Draw Through unit.
- vii) The Return air panels is 13" x 9"



TOP VIEW



FRONT VIEW



SIDE VIEW

PHYSICAL DATA [in]	
SUPPLY AIR, W x H	RETURN AIR, W x H
16" X 8"	12.875" x 9.125"
CLEARANCE DIMENSIONS	
A	24"
B	18"
C	6"

PROPRIETARY AND CONFIDENTIAL

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES

FRACTIONAL DECIMALS ANGLES

1/8" 1/16" 3/32" 1/4" 5/16" 3/8" 7/16" 1/2" 5/8" 3/4" 7/8" 1" 1 1/8" 1 1/4" 1 1/2" 1 3/4" 2" 2 1/4" 2 1/2" 3" 3 1/4" 3 1/2" 4" 4 1/4" 4 1/2" 5" 5 1/4" 5 1/2" 6" 6 1/4" 6 1/2" 7" 7 1/4" 7 1/2" 8" 8 1/4" 8 1/2" 9" 9 1/4" 9 1/2" 10" 10 1/4" 10 1/2" 11" 11 1/4" 11 1/2" 12" 12 1/4" 12 1/2" 13" 13 1/4" 13 1/2" 14" 14 1/4" 14 1/2" 15" 15 1/4" 15 1/2" 16" 16 1/4" 16 1/2" 17" 17 1/4" 17 1/2" 18" 18 1/4" 18 1/2" 19" 19 1/4" 19 1/2" 20"

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DO NOT SCALE DRAWING

COMMENTS:

DIMENSIONAL DATA	
NAME	SLK-015
DATE	10/12/2017
DRAWN	A.M.
CHECKED	FALL 10/12/2017
ENG APPR	
MFG APPR	
D.A.	

**BULLDOG SlimKeeper Horizontal Heat Pump Models SLK-008 through SLK-015**

DATE PLOTTED: 10/12/2017  
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In the interest of continuous improvement, drawing subject to change without notice.