



BN-GUCTB

April 2017

Replaces BN-GUCTB April 2010

GLYCOL UNIT COOLERS FOR SECONDARY LOOP SYSTEMS

Technical Guide

Low Velocity Center Mount • Low Profile • Medium Profile • Center Mount



FEATURES & BENEFITS

The models featured here are specifically designed for use with propylene glycol mixtures, which are environmentally-friendly. They're UL-listed for the US and Canada and meet NSF standards.

LOW VELOCITY CENTER MOUNT	LOW PROFILE	MEDIUM PROFILE	CENTER MOUNT
CABINET			
Low air velocity helps to maintain high humidities and prevent product drying and weight loss; low sound makes a comfortable working environment	Minimal height of the low profile series makes it ideal for low ceiling coolers, allowing for maximum headroom and more product storage	Heavy-duty design is ideal for larger walk-in coolers and freezers	Compact center-ceiling mount design allows for shelving and storage of product around walls.
Textured aluminum cabinet for maximum durability	Textured aluminum cabinet design features front access panels on each side for easy access to electrical and refrigeration components	Textured aluminum cabinet for maximum durability	Textured aluminum cabinet for maximum durability
All electrical components factory wired to terminal board and identified, making it easy to field wire the unit.			
Internal panels are "isolated" which provides for quiet unit operation			
HEATERS AND COIL			
All warm-fluid defrost models have electric drain pan heaters			
All warm-fluid defrost models have heater/fan control factory set and wired All electric defrost models include defrost termination thermostats			
Coils are dehydrated and sealed at the factory			
Sweat connections to reduce potential for leaks			
Vent and drain fittings for proper charging of system			
GUARDS AND MOTORS			
Wire fan guards with PVC coating are standard and provide added durability	Featuring plastic guards and a motor mount design that is optimized to minimize vibration	Standard molded fan guards provide excellent air throw (optional wire fan guard for diffused air pattern)	Wire fan guards with PVC coating are standard and provide added durability
Motors plug into wiring harness for easier servicing			

LOW VELOCITY CENTER MOUNT	LOW PROFILE	MEDIUM PROFILE	CENTER MOUNT
DRAIN PAN			
Double drain pan prevents drain pan sweating	Optimized drain fitting position	Front hinged drain pan for easy access	Double drain pan prevents drain pan sweating
OPTIONS			
Energy-efficient PSC motors (115/1/60 or 208-230/1/60)	Energy-efficient PSC motors (115/1/60, 208-230/1/60) (TEAO motors are standard on 115V and special order on 230V and 460V)	PSC motors are standard (TEAO motors are special order on 230V and 460V)	Energy-efficient PSC motors (115/1/60 or 208-230/1/60)
Optional Energy-Efficient EC Motors (115/1/60 or 208-230/1/60)			
575 volt units are not available	575 volt units are not available	575 volt units available	575 volt units are not available
Available in stainless steel cabinets and/or drain pan			
Copper fin or coil coating			
Shipped loose shut-off and balance valves			
Factory mounted shut-off and balance valves (custom)			

NOMENCLATURE

NOMENCLATURE

Model Series: _____	ADT	G	0400	B	K
ADT = Low Profile Air Defrost HGT = Low Profile Warm Fluid Defrost LET = Low Profile Electric Defrost BMA = Medium Profile Air Defrost WKA = Low Velocity Air Defrost WKG = Low Velocity Warm Fluid Defrost WKE = Low Velocity Electric Defrost SMA = Center Mount Air Defrost SMAG	Glycol _____			Electrical Code: A = 115/1/60 B = 208-230/1/60 M = 460/1/60 L = 575/1/60*	Design Revision (Varies depending on model series)
			BTUH/ITD		

NOTES:

ITD = Room air temperature - Entering fluid temperature



LOW VELOCITY CENTER MOUNT CAPACITIES

WKAG/WKGG/WKEG Models with Shaded Pole Motors

Model	Capacity BTUH/°ITD*	Fan Data		Fan Motor Data (Total Amps/Watts)			Defrost Heaters		
		No.	CFM	Shaded Pole+					
				HP	115/1/60 A , W	208-230/1/60 A , W	Watts	115/1/60 Amps	208-230/1/60 Amps
WKAG0330	330	1	725	1/15	2.1 , 116	1.1 , 122	---	---	---
WKAG0425	425	1	730	1/15	2.1 , 116	1.1 , 122	---	---	---
WKAG0700	700	2	1450	1/15	4.2 , 232	2.2 , 244	---	---	---
WKAG0875	875	2	1470	1/15	4.2 , 232	2.2 , 244	---	---	---
WKAG0975	975	2	1470	1/15	4.2 , 232	2.2 , 244	---	---	---
WKAG1025	1025	3	2130	1/15	6.3 , 348	3.3 , 366	---	---	---
WKAG1225	1225	3	2130	1/15	6.3 , 348	3.3 , 366	---	---	---
WKAG1450	1450	4	2840	1/15	8.4 , 464	4.4 , 488	---	---	---
WKAG1650	1650	5	3500	1/15	10.5 , 580	5.5 , 610	---	---	---
WKGG0700	700	2	1450	1/15	4.2 , 232	2.2 , 244	350	3	1.5
WKGG0875	875	2	1470	1/15	4.2 , 232	2.2 , 244	500	4.4	2.2
WKGG0975	975	2	1470	1/15	4.2 , 232	2.2 , 244	500	4.4	2.2
WKGG1025	1025	3	2130	1/15	6.3 , 348	3.3 , 366	500	4.4	2.2
WKGG1225	1225	3	2130	1/15	6.3 , 348	3.3 , 366	500	4.4	2.2
WKGG1450	1450	4	2840	1/15	8.4 , 464	4.4 , 488	650	5.7	2.8
WKGG1650	1650	5	3500	1/15	10.5 , 580	5.5 , 610	875	7.6	3.8
WKEG0330	330	1	725	1/15	---	1.1 , 122	2000	---	8.7
WKEG0425	425	1	730	1/15	---	1.1 , 122	2400	---	10.5
WKEG0700	700	2	1450	1/15	---	2.2 , 244	2800	---	12.2
WKEG0875	875	2	1470	1/15	---	2.2 , 244	4000	---	17.4
WKEG0975	975	2	1470	1/15	---	2.2 , 244	4000	---	17.4
WKEG1025	1025	3	2130	1/15	---	3.3 , 366	4000	---	17.4
WKEG1225	1225	3	2130	1/15	---	3.3 , 366	5200	---	22.6
WKEG1450	1450	4	2840	1/15	---	4.4 , 488	5200	---	22.6
WKEG1650	1650	5	3500	1/15	---	5.5 , 610	7000	---	30.4

* Initial temperature difference (ITD) is (Room air temperature - Entering fluid temperature)

Multiply the reference capacity by the ITD to get the reference capacity

LOW VELOCITY CENTER MOUNT CAPACITIES CONTINUED

WKAG/WKGG/WKEG Models with PSC Motors

Model	Capacity BTUH/°ITD*	Fan Data		Fan Motor Data (Total Amps/Watts)			Defrost Heaters		
		No.	CFM	PSC Motor Data+					
				HP	115/1/60 A , W	208-230/1/60 A , W	Watts	115/1/60 Amps	208-230/1/60 Amps
WKAG0330	330	1	725	1/15	0.9 , 82	0.45 , 91	---	---	---
WKAG0425	425	1	730	1/15	0.9 , 82	0.45 , 91	---	---	---
WKAG0700	700	2	1450	1/15	1.8 , 164	0.9 , 182	---	---	---
WKAG0875	875	2	1470	1/15	1.8 , 164	0.9 , 182	---	---	---
WKAG0975	975	2	1470	1/15	1.8 , 164	0.9 , 182	---	---	---
WKAG1025	1025	3	2130	1/15	2.7 , 246	1.35 , 273	---	---	---
WKAG1225	1225	3	2130	1/15	2.7 , 246	1.35 , 273	---	---	---
WKAG1450	1450	4	2840	1/15	3.6 , 328	1.8 , 364	---	---	---
WKAG1650	1650	5	3500	1/15	4.5 , 410	2.25 , 455	---	---	---
WKGG0700	700	2	1450	1/15	1.8 , 164	0.9 , 182	350	3	1.5
WKGG0875	875	2	1470	1/15	1.8 , 164	0.9 , 182	500	4.4	2.2
WKGG0975	975	2	1470	1/15	1.8 , 164	0.9 , 182	500	4.4	2.2
WKGG1025	1025	3	2130	1/15	2.7 , 246	1.35 , 273	500	4.4	2.2
WKGG1225	1225	3	2130	1/15	2.7 , 246	1.35 , 273	500	4.4	2.2
WKGG1450	1450	4	2840	1/15	3.6 , 328	1.8 , 364	650	5.7	2.8
WKGG1650	1650	5	3500	1/15	4.5 , 410	2.25 , 455	875	7.6	3.8
WKEG0330	330	1	725	1/15	---	0.5, 90	2000	---	8.7
WKEG0425	425	1	730	1/15	---	0.5, 90	2400	---	10.5
WKEG0700	700	2	1450	1/15	---	1.0, 180	2800	---	12.2
WKEG0875	875	2	1470	1/15	---	1.0, 180	4000	---	17.4
WKEG0975	975	2	1470	1/15	---	1.0, 180	4000	---	17.4
WKEG1025	1025	3	2130	1/15	---	1.5, 270	4000	---	17.4
WKEG1225	1225	3	2130	1/15	---	2.0, 360	5200	---	22.6
WKEG1450	1450	4	2840	1/15	---	2.0, 360	5200	---	22.6
WKEG1650	1650	5	3500	1/15	---	2.5, 450	7000	---	30.4

* Initial temperature difference (ITD) is (Room air temperature - Entering fluid temperature)

Multiply the reference capacity by the ITD to get the reference capacity

+ Open drip-proof (ODP) motors

LOW VELOCITY CENTER MOUNT CAPACITIES CONTINUED

WKAG/WKGG/WKEG Models with EC Motors

Model	Capacity BTUH/°ITD*	Fan Data		Fan Motor Data (Total Amps/Watts)			Defrost Heaters		
		No.	CFM	EC Motor Data+					
				HP	115/1/60 A , W	208-230/1/60 A , W	Watts	115/1/60 Amps	208-230/1/60 Amps
WKAG0330	330	1	725	1/15	0.9 , 55	0.5 , 55	---	---	---
WKAG0425	425	1	730	1/15	0.9 , 55	0.5 , 55	---	---	---
WKAG0700	700	2	1450	1/15	1.8 , 110	1 , 110	---	---	---
WKAG0875	875	2	1470	1/15	1.8 , 110	1 , 110	---	---	---
WKAG0975	975	2	1470	1/15	1.8 , 110	1 , 110	---	---	---
WKAG1025	1025	3	2130	1/15	2.7 , 165	1.5 , 165	---	---	---
WKAG1225	1225	3	2130	1/15	3.6 , 220	2 , 220	---	---	---
WKAG1450	1450	4	2840	1/15	3.6 , 220	2 , 220	---	---	---
WKAG1650	1650	5	3500	1/15	4.5 , 275	2.5 , 275	---	---	---
WKGG0700	700	2	1450	1/15	1.8 , 110	1 , 110	350	3	1.5
WKGG0875	875	2	1470	1/15	1.8 , 110	1 , 110	500	4.4	2.2
WKGG0975	975	2	1470	1/15	1.8 , 110	1 , 110	500	4.4	2.2
WKGG1025	1025	3	2130	1/15	2.7 , 165	1.5 , 165	500	4.4	2.2
WKGG1225	1225	3	2130	1/15	3.6 , 220	2 , 220	500	5.7	2.2
WKGG1450	1450	4	2840	1/15	3.6 , 220	2 , 220	650	5.7	2.8
WKGG1650	1650	5	3500	1/15	4.5 , 275	2.5 , 275	875	7.6	3.8
WKEG0330	330	1	725	1/15	---	0.5 , 55	2000	---	8.7
WKEG0425	425	1	730	1/15	---	0.5 , 55	2400	---	10.5
WKEG0700	700	2	1450	1/15	---	1.0 , 110	2800	---	12.2
WKEG0875	875	2	1470	1/15	---	1.0 , 110	4000	---	17.4
WKEG0975	975	2	1470	1/15	---	1.0 , 110	4000	---	17.4
WKEG1025	1025	3	2130	1/15	---	1.5 , 165	4000	---	17.4
WKEG1225	1225	3	2130	1/15	---	2.0 , 220	5200	---	22.6
WKEG1450	1450	4	2840	1/15	---	2.0 , 220	5200	---	22.6
WKEG1650	1650	5	3500	1/15	---	2.5 , 275	7000	---	30.4

* Initial temperature difference (ITD) is (Room air temperature - Entering fluid temperature)

Multiply the reference capacity by the ITD to get the reference capacity

+ Totally enclosed (TEAO) Motors

LOW PROFILE CAPACITIES

ADTG/HGTG/LETG Models with Shaded Pole Motors

Model	Capacity BTUH/ °ITD*	Fan Data		Fan Motor Data (Total Amps/Watts)			Defrost Heaters			
		No.	CFM	Shaded Pole+						
				HP	115/1/60 A , W	208-230/1/60 A , W	Watts	115/1/60 Amps	208-230/1/60 Amps	460/1/60 Amps
ADTG0400	400	2	1400	1/15	3.6 , 232	2.0 , 244	---	---	---	---
ADTG0475	475	2	1300	1/15	3.6 , 232	2.0 , 244	---	---	---	---
ADTG0525	525	2	1300	1/15	3.6 , 232	2.0 , 244	---	---	---	---
ADTG0725	725	3	1950	1/15	5.4 , 348	3.0 , 366	---	---	---	---
ADTG0900	900	4	2600	1/15	7.2 , 464	4.0 , 488	---	---	---	---
ADTG1000	1000	5	3250	1/15	9.0 , 580	5.0 , 610	---	---	---	---
ADTG1300	1300	5	3125	1/15	9.0 , 580	5.0 , 610	---	---	---	---
ADTG1475	1475	6	3750	1/15	10.8 , 696	6.0 , 732	---	---	---	---
HGTG0475	475	2	1300	1/15	3.6 , 232	2.0 , 244	600	5.2	2.6	---
HGTG0525	525	2	1300	1/15	3.6 , 232	2.0 , 244	600	5.2	2.6	---
HGTG0725	725	3	1950	1/15	5.4 , 348	3.0 , 366	900	7.8	3.9	---
HGTG0900	900	4	2600	1/15	7.2 , 464	4.0 , 488	1200	10.4	5.2	---
HGTG1300	1300	5	3125	1/15	9.0 , 580	5.0 , 610	1500	13.0	6.5	---
HGTG1475	1475	6	3750	1/15	10.8 , 696	6.0 , 732	1800	15.7	7.8	---
LETG0400	400	2	1400	1/15	---	2.0 , 244	1800	---	7.8	3.9
LETG0475	475	2	1300	1/15	---	2.0 , 244	1800	---	7.8	3.9
LETG0525	525	2	1300	1/15	---	2.0 , 244	1800	---	7.8	3.9
LETG0725	725	3	1950	1/15	---	3.0 , 366	2700	---	11.7	5.9
LETG0900	900	4	2600	1/15	---	4.0 , 488	3600	---	15.7	7.8
LETG1000	1000	5	3250	1/15	---	5.0 , 610	4500	---	19.6	9.8
LETG1300	1300	5	3125	1/15	---	5.0 , 610	4500	---	19.6	9.8
LETG1475	1475	6	3750	1/15	---	6.0 , 732	5400	---	23.5	11.7

* Initial temperature difference (ITD) is (Room air temperature - Entering fluid temperature)

Multiply the reference capacity by the ITD to get the reference capacity

+ Open drip-proof (ODP) motors

LOW PROFILE CAPACITIES CONTINUED

ADTG/HGTG/LETG Models with PSC Motors

Model	Capacity BTUH/ °ITD*	Fan Data		Fan Motor Data (Total Amps/Watts)				Defrost Heaters			
		No.	CFM	PSC Motor Data+							
				HP	115/1/60 A, W	208-230/1/60 A, W	460/1/60 A, W	Watts	115/1/60 Amps	208-230/1/60 Amps	460/1/60 Amps
ADTG0400	400	2	1400	1/15	2.0, 164	1.0, 182	0.8, 234	---	---	---	---
ADTG0475	475	2	1300	1/15	2.0, 164	1.0, 182	0.8, 234	---	---	---	---
ADTG0525	525	2	1300	1/15	2.0, 164	1.0, 182	0.8, 234	---	---	---	---
ADTG0725	725	3	1950	1/15	3.0, 246	1.5, 273	1.2, 351	---	---	---	---
ADTG0900	900	4	2600	1/15	4.0, 328	2.0, 364	1.6, 468	---	---	---	---
ADTG1000	1000	5	3250	1/15	5.0, 410	2.5, 455	2.0, 585	---	---	---	---
ADTG1300	1300	5	3125	1/15	5.0, 410	2.5, 455	2.0, 585	---	---	---	---
ADTG1475	1475	6	3750	1/15	6.0, 492	3.0, 546	2.4, 702	---	---	---	---
HGTG0475	475	2	1300	1/15	2.0, 164	1.0, 182	0.8, 234	600	5.2	2.6	1.3
HGTG0525	525	2	1300	1/15	2.0, 164	1.0, 182	0.8, 234	600	5.2	2.6	1.3
HGTG0725	725	3	1950	1/15	3.0, 246	1.5, 273	1.2, 351	900	7.8	3.9	2.0
HGTG0900	900	4	2600	1/15	4.0, 328	2.0, 364	1.6, 468	1200	10.4	5.2	2.6
HGTG1300	1300	5	3125	1/15	5.0, 410	2.5, 455	2.0, 585	1500	13.0	6.5	3.3
HGTG1475	1475	6	3750	1/15	6.0, 492	3.0, 546	2.4, 702	1800	15.7	7.8	3.9
LETG0400	400	2	1400	1/15	---	1.0, 182	0.8, 234	1800	---	7.8	3.9
LETG0475	475	2	1300	1/15	---	1.0, 182	0.8, 234	1800	---	7.8	3.9
LETG0525	525	2	1300	1/15	---	1.0, 182	0.8, 234	1800	---	7.8	3.9
LETG0725	725	3	1950	1/15	---	1.5, 273	1, 351	2700	---	11.7	5.9
LETG0900	900	4	2600	1/15	---	2, 364	2, 468	3600	---	15.7	7.8
LETG1000	1000	5	3250	1/15	---	2.5, 455	2, 585	4500	---	19.6	9.8
LETG1300	1300	5	3125	1/15	---	2.5, 455	2, 585	4500	---	19.6	9.8
LETG1475	1475	6	3750	1/15	---	3.0 546	2, 702	5400	---	23.5	11.7

* Initial temperature difference (ITD) is (Room air temperature - Entering fluid temperature)

Multiply the reference capacity by the ITD to get the reference capacity

+ Includes open drip-proof (ODP) and special order totally-enclosed (TEAO) motors (208-230 & 460V only)

LOW PROFILE CAPACITIES CONTINUED

ADTG/HGTG/LETG Models with EC Motors

Model	Capacity BTUH/ °ITD*	Fan Data		Fan Motor Data (Total Amps/Watts)			Defrost Heaters			
		No.	CFM	EC Motor Data+						
				HP	115/1/60 A, W	208-230/1/60 A, W	Watts	115/1/60 Amps	208-230/1/60 Amps	230/3/60 Amps
ADTG0400	400	2	1400	1/15	1.8 , 114	1.0 , 118	---	---	---	---
ADTG0475	475	2	1300	1/15	1.8 , 114	1.0 , 118	---	---	---	---
ADTG0525	525	2	1300	1/15	1.8 , 114	1.0 , 118	---	---	---	---
ADTG0725	725	3	1950	1/15	2.7 , 171	1.5 , 177	---	---	---	---
ADTG0900	900	4	2600	1/15	3.6 , 228	2.0 , 236	---	---	---	---
ADTG1000	1000	5	3250	1/15	4.5 , 285	2.5 , 295	---	---	---	---
ADTG1300	1300	5	3125	1/15	4.5 , 285	2.5 , 295	---	---	---	---
ADTG1475	1475	6	3750	1/15	5.4 , 342	3.0 , 354	---	---	---	---
HGTG0475	475	2	1300	1/15	2.0 , 114	1.1 , 118	600	5.2	2.6	---
HGTG0525	525	2	1300	1/15	2.0 , 114	1.1 , 118	600	5.2	2.6	---
HGTG0725	725	3	1950	1/15	2.9 , 171	1.6 , 177	900	7.8	3.9	---
HGTG0900	900	4	2600	1/15	3.8 , 228	2.1 , 236	1200	10.4	5.2	---
HGTG1300	1300	5	3125	1/15	4.7 , 285	2.6 , 295	1500	13.0	6.5	---
HGTG1475	1475	6	3750	1/15	5.6 , 342	3.1 , 354	1800	15.7	7.8	---
LETG0400	400	2	1400	1/15	---	1.0 , 118	1800	---	7.8	4.5
LETG0475	475	2	1300	1/15	---	1.0 , 118	1800	---	7.8	4.5
LETG0525	525	2	1300	1/15	---	1.0 , 118	1800	---	7.8	4.5
LETG0725	725	3	1950	1/15	---	1.5 , 177	2700	---	11.7	6.8
LETG0900	900	4	2600	1/15	---	2 , 236	3600	---	15.7	9.0
LETG1000	1000	5	3250	1/15	---	2.5 , 295	4500	---	19.6	11.3
LETG1300	1300	5	3125	1/15	---	2.5 , 295	4500	---	19.6	11.3
LETG1475	1475	6	3750	1/15	---	3.0 354	5400	---	23.5	13.6

* Initial temperature difference (ITD) is (Room air temperature - Entering fluid temperature)

Multiply the reference capacity by the ITD to get the reference capacity

+ Totally enclosed (TEAO) motors

MEDIUM PROFILE CAPACITIES

BMAG Models with PSC Motors

Model	Capacity BTUH/°ITD*	Fan Data		Fan Motor Data (Total Amps/Watts)				
		No.	CFM	PSC Motor Data+				
				HP	115/1/60 A , W	208-230/1/60 A , W	460/1/60 A , W	575/1/60 A , W
BMAG0900	900	1	2100	1/4	4.0 , 250	1.8 , 250	1.0 , 250	0.8 , 250
BMAG1100	1100	2	4400	1/4	8.0 , 500	3.6 , 500	2.0 , 500	1.5 , 500
BMAG1275	1275	2	4200	1/4	8.0 , 500	3.6 , 500	2.0 , 500	1.5 , 500
BMAG1600	1600	2	4200	1/4	8.0 , 500	3.6 , 500	2.0 , 500	1.5 , 500
BMAG1700	1700	3	6600	1/4	12.0 , 750	5.4 , 750	3.0 , 750	2.3 , 750
BMAG1900	1900	3	6600	1/4	12.0 , 750	5.4 , 750	3.0 , 750	2.3 , 750
BMAG2175	2175	3	6300	1/4	12.0 , 750	5.4 , 750	3.0 , 750	2.3 , 750
BMAG2400	2400	4	8800	1/4	16.0 , 1000	7.2 , 1000	4.0 , 1000	3.0 , 1000
BMAG2425	2425	4	8400	1/4	16.0 , 1000	7.2 , 1000	4.0 , 1000	3.0 , 1000
BMAG2850	2850	4	8400	1/4	16.0 , 1000	7.2 , 1000	4.0 , 1000	3.0 , 1000
BMAG3100	3100	5	10000	1/4	---	9.0 , 1250	5.0 , 1250	3.8 , 1250

* Initial temperature difference (ITD) is (Room air temperature - Entering fluid temperature)

Multiply the reference capacity by the ITD to get the reference capacity

+ Includes open drip-proof (ODP) and special order totally-enclosed (TEAO) motors (208-230 & 460V only)

BMAG Models with EC Motors

Model	Capacity BTUH/°ITD*	Fan Data		Fan Motor Data (Total Amps/Watts)		
		No.	CFM	EC Motor Data++		
				HP	115/1/60 A , W	208-230/1/60 A , W
BMAG0900	900	1	2100	1/4	2.8 , 210	1.4 , 205
BMAG1100	1100	2	4400	1/4	5.6 , 420	2.8 , 410
BMAG1275	1275	2	4200	1/4	5.6 , 420	2.8 , 410
BMAG1600	1600	2	4200	1/4	5.6 , 420	2.8 , 410
BMAG1700	1700	3	6600	1/4	8.4 , 630	4.2 , 615
BMAG1900	1900	3	6600	1/4	8.4 , 630	4.2 , 615
BMAG2175	2175	3	6300	1/4	8.4 , 630	4.2 , 615
BMAG2400	2400	4	8800	1/4	11.2 , 840	5.6 , 820
BMAG2425	2425	4	8400	1/4	11.2 , 840	5.6 , 820
BMAG2850	2850	4	8400	1/4	11.2 , 840	5.6 , 820
BMAG3100	3100	5	10000	1/4	14.0 , 1060	7.0 , 1025

* Initial temperature difference (ITD) is (Room air temperature - Entering fluid temperature)

Multiply the reference capacity by the ITD to get the reference capacity

++Totally inclosed (TEAO) Motors

CENTER MOUNT CAPACITIES

SMAG Models with Shaded Pole Motors

Model	Capacity BTUH/°ITD*	Fan Data		Fan Motor Data (Total Amps/Watts)		
		No.	CFM	Shaded Pole Motor Data+		
				HP	115/1/60 A , W	208-230/1/60 A , W
SMAG0475	475	2	1300	1/15	4.2, 270	2.2, 270
SMAG0525	525	2	1260	1/15	4.2, 270	2.2, 270
SMAG0550	550	2	1220	1/15	4.2, 270	2.2, 270
SMAG0575	575	2	1220	1/15	4.2, 270	2.2, 270
SMAG0600	600	3	1950	1/15	6.3, 405	3.3, 405
SMAG0625	625	3	1890	1/15	6.3, 405	3.3, 405
SMAG0775	775	3	1830	1/15	6.3, 405	3.3, 405
SMAG0800	800	4	2520	1/15	8.4, 540	4.4, 540
SMAG0925	925	4	2520	1/15	8.4, 540	4.4, 540
SMAG0975	975	4	2440	1/15	8.4, 540	4.4, 540
SMAG1050	1050	5	3050	1/15	10.5, 675	5.5, 675

* Initial temperature difference (ITD) is (Room air temperature - Entering fluid temperature)

Multiply the reference capacity by the ITD to get the reference capacity

+ Includes open drip-proof (ODP) motors

SMAG Models with PSC Motors

Model	Capacity BTUH/°ITD*	Fan Data		Fan Motor Data (Total Amps/Watts)		
		No.	CFM	PSC Motor Data+		
				HP	115/1/60 A , W	208-230/1/60 A , W
SMAG0475	475	2	1300	1/15	1.8, 180	1.0, 180
SMAG0525	525	2	1260	1/15	1.8, 180	1.0, 180
SMAG0550	550	2	1220	1/15	1.8, 180	1.0, 180
SMAG0575	575	2	1220	1/15	1.8, 180	1.0, 180
SMAG0600	600	3	1950	1/15	2.7, 270	1.5, 270
SMAG0625	625	3	1890	1/15	2.7, 270	1.5, 270
SMAG0775	775	3	1830	1/15	2.7, 270	1.5, 270
SMAG0800	800	4	2520	1/15	3.6, 360	2.0, 360
SMAG0925	925	4	2520	1/15	3.6, 360	2.0, 360
SMAG0975	975	4	2440	1/15	3.6, 360	2.0, 360
SMAG1050	1050	5	3050	1/15	4.5, 450	2.5, 450

* Initial temperature difference (ITD) is (Room air temperature - Entering fluid temperature)

Multiply the reference capacity by the ITD to get the reference capacity

+ Includes open drip-proof (ODP) motors

CENTER MOUNT CAPACITIES CONTINUED

SMAG Models with EC Motors

Model	Capacity BTUH/°ITD*	Fan Data		Fan Motor Data (Total Amps/Watts)		
		No.	CFM	EC Motor Data+		
				HP	115/1/60 A, W	208-230/1/60 A, W
SMAG0475	475	2	1300	1/15	1.8, 110	1.0, 110
SMAG0525	525	2	1260	1/15	1.8, 110	1.0, 110
SMAG0550	550	2	1220	1/15	1.8, 110	1.0, 110
SMAG0575	575	2	1220	1/15	1.8, 110	1.0, 110
SMAG0600	600	3	1950	1/15	2.7, 165	1.5, 165
SMAG0625	625	3	1890	1/15	2.7, 165	1.5, 165
SMAG0775	775	3	1830	1/15	2.7, 165	1.5, 165
SMAG0800	800	4	2520	1/15	3.6, 220	2.0, 220
SMAG0925	925	4	2520	1/15	3.6, 220	2.0, 220
SMAG0975	975	4	2440	1/15	3.6, 220	2.0, 220
SMAG1050	1050	5	3050	1/15	4.5, 275	2.5, 275

+ Totally enclosed (TEAO) motors

LOW VELOCITY CENTER MOUNT PHYSICAL DATA

Model	No. of Fans	Coil Data					Condensate Drain	Defrost Type	Approx. Net Wt. Lbs.
		FPI	Tube OD	# Circuits	Connections OD	Finned Length			
WKAG0330	1	6	3/8	4	7/8	44	3/4 FPT	Air	72
WKAG0425	1	6	3/8	6	7/8	66	3/4 FPT	Air	105
WKAG0700	2	6	3/8	10	7/8	66	3/4 FPT	Air	108
WKAG0875	2	6	3/8	12	1-1/8	66	3/4 FPT	Air	151
WKAG0975	2	6	3/8	20	1-1/8	66	3/4 FPT	Air	151
WKAG1025	3	6	3/8	12	1-1/8	66	3/4 FPT	Air	163
WKAG1225	3	6	3/8	20	1-1/8	66	3/4 FPT	Air	163
WKAG1450	4	6	3/8	20	1-1/8	88	3/4 FPT	Air	196
WKAG1650	5	6	3/8	20	1-3/8	110	3/4 FPT	Air	247
WKGG0700	2	6	3/8	10	7/8	66	3/4 FPT	Warm Fluid	111
WKGG0875	2	6	3/8	12	1-1/8	66	3/4 FPT	Warm Fluid	155
WKGG0975	2	6	3/8	20	1-1/8	66	3/4 FPT	Warm Fluid	155
WKGG1025	3	6	3/8	12	1-1/8	66	3/4 FPT	Warm Fluid	167
WKGG1225	3	6	3/8	20	1-1/8	66	3/4 FPT	Warm Fluid	167
WKGG1450	4	6	3/8	20	1-1/8	88	3/4 FPT	Warm Fluid	204
WKGG1650	5	6	3/8	20	1-3/8	110	3/4 FPT	Warm Fluid	254
WKEG0330	1	6	3/8	4	7/8	44	3/4FPT	Electric	72
WKEG0425	1	6	3/8	6	7/8	66	3/4FPT	Electric	105
WKEG0700	2	6	3/8	10	7/8	66	3/4FPT	Electric	108
WKEG0875	2	6	3/8	12	1-1/8	66	3/4FPT	Electric	151
WKEG0975	2	6	3/8	20	1-1/8	66	3/4FPT	Electric	151
WKEG1025	3	6	3/8	12	1-1/8	66	3/4FPT	Electric	167
WKEG1225	3	6	3/8	20	1-1/8	66	3/4FPT	Electric	167
WKEG1450	4	6	3/8	20	1-1/8	88	3/4FPT	Electric	204
WKEG1650	5	6	3/8	20	1-3/8	110	3/4FPT	Electric	254

LOW PROFILE PHYSICAL DATA

Model	No. of Fans	Coil Data					Condensate Drain	Defrost Type	Approx. Net Wt. Lbs.
		FPI	Tube OD	# Circuits	Connections OD	Finned Length			
ADTG0400	2	6	3/8	4	7/8	32	3/4 MPT	Air	50
ADTG0475	2	6	3/8	5	7/8	32	3/4 MPT	Air	52
ADTG0525	2	6	3/8	6	7/8	32	3/4 MPT	Air	55
ADTG0725	3	6	3/8	10	7/8	48	3/4 MPT	Air	70
ADTG0900	4	6	3/8	10	1-1/8	64	3/4 MPT	Air	83
ADTG1000	5	6	3/8	10	1-1/8	80	3/4 MPT	Air	104
ADTG1300	5	6	1/2	10	1-1/8	80	3/4 MPT	Air	109
ADTG1475	6	6	1/2	10	1-1/8	96	3/4 MPT	Air	134
HGTG0475	2	6	3/8	5	7/8	32	3/4 MPT	Warm Fluid	55
HGTG0525	2	6	3/8	6	7/8	32	3/4 MPT	Warm Fluid	58
HGTG0725	3	6	3/8	10	7/8	48	3/4 MPT	Warm Fluid	73
HGTG0900	4	6	3/8	10	1-1/8	64	3/4 MPT	Warm Fluid	86
HGTG1300	5	6	1/2	10	1-1/8	80	3/4 MPT	Warm Fluid	113
HGTG1475	6	6	1/2	10	1-1/8	96	3/4 MPT	Warm Fluid	139
LETG0400	2	6	3/8	4	7/8	32	3/4MPT	Electric	50
LETG0475	2	6	3/8	5	7/8	32	3/4MPT	Electric	52
LETG0525	2	6	3/8	6	7/8	32	3/4MPT	Electric	55
LETG0725	3	6	3/8	10	7/8	48	3/4MPT	Electric	70
LETG0900	4	6	3/8	10	1-1/8	64	3/4MPT	Electric	83
LETG1000	5	6	3/8	10	1-1/8	80	3/4MPT	Electric	104
LETG1300	5	6	1/2	10	1-1/8	80	3/4MPT	Electric	109
LETG1475	6	6	1/2	10	1-1/8	96	3/4MPT	Electric	134

MEDIUM PROFILE PHYSICAL DATA

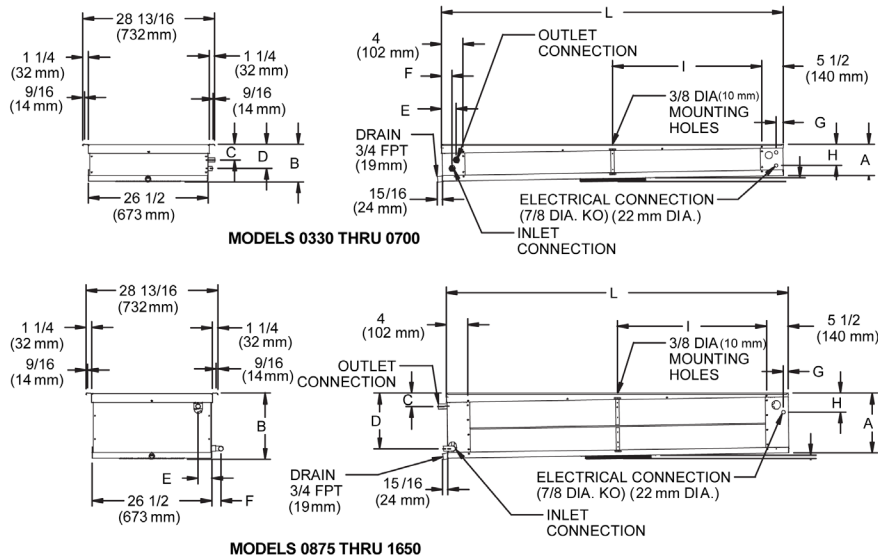
Model	No. of Fans	Coil Data					Condensate Drain	Defrost Type	Approx. Net Wt. Lbs.
		FPI	Tube OD	# Circuits	Connections OD	Finned Length			
BMAG0900	1	6	1/2	6	7/8	28	3/4 FPT	Air	132
BMAG1100	2	6	1/2	5	1-1/8	56	3/4 FPT	Air	150
BMAG1275	2	6	1/2	6	7/8	56	3/4 FPT	Air	165
BMAG1600	2	6	1/2	9	1-1/8	56	3/4 FPT	Air	165
BMAG1700	3	6	1/2	9	1-1/8	84	3/4 FPT	Air	225
BMAG1900	3	6	1/2	13	1-1/8	84	3/4 FPT	Air	225
BMAG2175	3	6	1/2	12	1-3/8	84	3/4 FPT	Air	247
BMAG2400	4	6	1/2	13	1-5/8	112	3/4 FPT	Air	267
BMAG2425	4	6	1/2	12	1-3/8	112	3/4 FPT	Air	300
BMAG2850	4	6	1/2	18	1-3/8	112	3/4 FPT	Air	300
BMAG3100	5	6	1/2	18	1-3/8	127.5	3/4 FPT	Air	338

CENTER MOUNT PHYSICAL DATA

Model	No. of Fans	Coil Data					Condensate Drain	Defrost Type	Approx. Net Wt. Lbs.
		FPI	Tube OD	# Circuits	Connections OD	Finned Length			
SMAG0475	2	6	3/8	6	7/8	44	3/4 FPT	Air	64
SMAG0525	2	6	3/8	6	7/8	44	3/4 FPT	Air	70
SMAG0550	2	6	3/8	4	7/8	44	3/4 FPT	Air	83
SMAG0575	2	6	3/8	6	7/8	44	3/4 FPT	Air	83
SMAG0600	3	6	3/8	6	7/8	66	3/4 FPT	Air	105
SMAG0625	3	6	3/8	6	7/8	66	3/4 FPT	Air	117
SMAG0775	3	6	3/8	6	7/8	66	3/4 FPT	Air	123
SMAG0800	4	6	3/8	6	1-1/8	88	3/4 FPT	Air	149
SMAG0925	4	6	3/8	10	1-1/8	88	3/4 FPT	Air	149
SMAG0975	4	6	3/8	8	1-1/8	88	3/4 FPT	Air	164
SMAG1050	5	6	3/8	8	1-1/8	110	3/4 FPT	Air	206

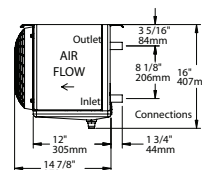
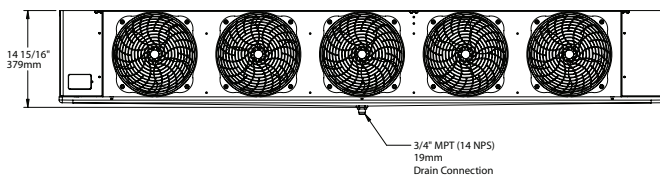
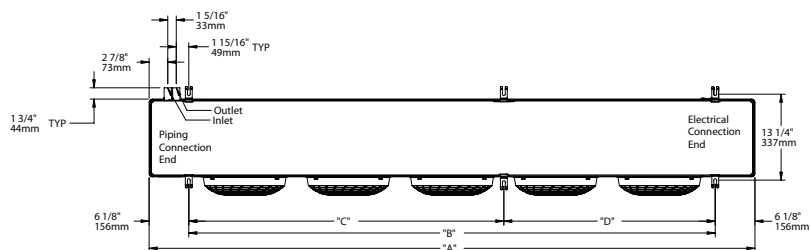
LOW VELOCITY CENTER MOUNT DIMENSIONAL DATA

DIAGRAM 1. DIMENSIONS FOR ALL WK GLYCOL SERIES UNITS



Model	No. of Fans	Dimensions (inches/mm)									
		A	B	C	D	E	F	G	H	I	L
WKAG/WKEG0330	1	6-7/8 175	8-1/2 216	2-3/4 70	5-7/8 149	3-1/8 79	3-1/8 79	1-9/16 40	4-11/16 119	22 559	53-1/2 1,359
WKAG/WKEG0425	1	6-7/8 175	8-1/2 216	3-7/16 87	5-5/16 135	2-1/8 54	3-1/8 79	1-9/16 40	4-5/8 117	33 838	75-1/2 1,918
WKAG/WKEG0700	2	9-3/8 238	11 279	4-1/16 103	7-13/16 198	2-1/8 54	3-1/8 79	1-9/16 40	1-3/4 44	33 838	75-1/2 1,918
WKAG/WKEG 0875	2	13-1/8 333	14-3/4 375	2-9/16 65	11-15/16 303	2-15/16 75	2 51	1-1/16 27	4-1/8 105	33 838	75-1/2 1,918
WKAG/WKEG0975	2	13-1/8 333	14-3/4 375	2-7/8 73	12-1/4 311	2-15/16 75	2-1/16 52	1-1/16 27	4-1/8 105	33 838	75-1/2 1,918
WKAG/WKEG1025	3	13-1/8 333	14-3/4 375	2-9/16 65	11-15/16 303	2-15/16 75	2-1/16 52	1-1/16 27	4-1/8 105	33 838	75-1/2 1,918
WKAG/WKEG1225	3	13-1/8 333	14-3/4 375	2-7/8 73	12-1/4 311	2-15/16 75	2-1/16 52	1-1/16 27	4-1/8 105	33 838	75-1/2 1,918
WKAG/WKEG1450	4	13-1/8 333	14-3/4 375	2-7/8 73	12-1/4 311	2-15/16 75	2-1/16 52	1-1/16 27	4-1/8 105	44 1,118	97-1/2 2,477
WKAG/WKEG1650	5	13-1/8 333	14-3/4 375	2-7/8 73	12-1/4 311	2-15/16 75	2 51	1-1/16 27	4-1/8 105	55 1,397	119-1/2 3,035
WKGG0700	2	9-3/8 238	11 279	4-1/16 103	7-13/16 198	2-1/8 54	3-1/8 79	1-9/16 40	1-3/4 44	33 838	75-1/2 1,918
WKGG0875	2	13-1/8 333	14-3/4 375	2-9/16 65	11-15/16 303	2-15/16 75	2 51	1-1/16 27	4-1/8 105	33 838	75-1/2 1,918
WKGG0975	2	13-1/8 333	14-3/4 375	2-7/8 73	12-1/4 311	2-15/16 75	2-1/16 52	1-1/16 27	4-1/8 105	33 838	75-1/2 1,918
WKGG1025	3	13-1/8 333	14-3/4 375	2-9/16 65	11-15/16 303	2-15/16 75	2-1/16 52	1-1/16 27	4-1/8 105	33 838	75-1/2 1,918
WKGG1225	3	13-1/8 333	14-3/4 375	2-7/8 73	12-1/4 311	2-15/16 75	2-1/16 52	1-1/16 27	4-1/8 105	33 838	75-1/2 1,918
WKGG1450	4	13-1/8 333	14-3/4 375	2-7/8 73	12-1/4 311	2-15/16 75	2-1/16 52	1-1/16 27	4-1/8 105	44 1,118	97-1/2 2,477
WKGG1650	5	13-1/8 333	14-3/4 375	2-7/8 73	12-1/4 311	2-15/16 75	2 51	1-1/16 27	4-1/8 105	55 1,397	119-1/2 3,035

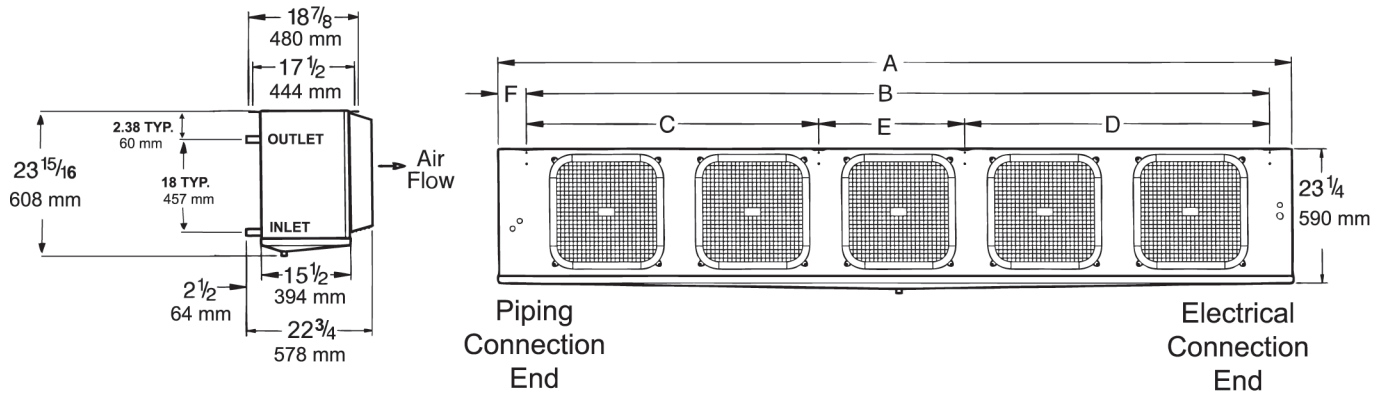
LOW PROFILE DIMENSIONAL DATA



Model	No. of Fans	Dimensions (inches/mm)			
		A	B	C	D
ADTG/LETG0400	2	45-1/2 1,156	33-1/4 845	---	---
ADTG/LETG0475	2	45-1/2 1,156	33-1/4 845	---	---
ADTG/LETG0525	2	45-1/2 1,156	33-1/4 845	---	---
ADTG/LETG0725	3	61-1/2 1,562	49-1/4 1,251	---	---
ADTG/LETG0900	4	77-1/2 1,969	65-1/4 1,657	---	---
ADTG/LETG1000	5	93-1/2 2,375	81-1/4 2,064	48-5/8 1,235	32-5/8 829
ADTG/LETG1300	5	93-1/2 2,375	81-1/4 2,064	48-5/8 1,235	32-5/8 829
ADTG/LETG1475	6	109-1/2 2,781	97-1/4 2,470	48-5/8 1,235	48-5/8 1,235
HGTG0475	2	45-1/2 1,156	33-1/4 845	---	---
HGTG0525	2	45-1/2 1,156	33-1/4 845	---	---
HGTG0725	3	61-1/2 1,562	49-1/4 1,251	---	---
HGTG0900	4	77-1/2 1,969	65-1/4 1,657	---	---
HGTG1300	5	93-1/2 2,375	81-1/4 2,064	48-5/8 1,235	32-5/8 829
HGTG1475	6	109-1/2 2,781	97-1/4 2,470	48-5/8 1,235	48-5/8 1,235

NOTE: Hanger brackets will accept 3/8" / 10 mm hanger rods

MEDIUM PROFILE DIMENSIONAL DATA

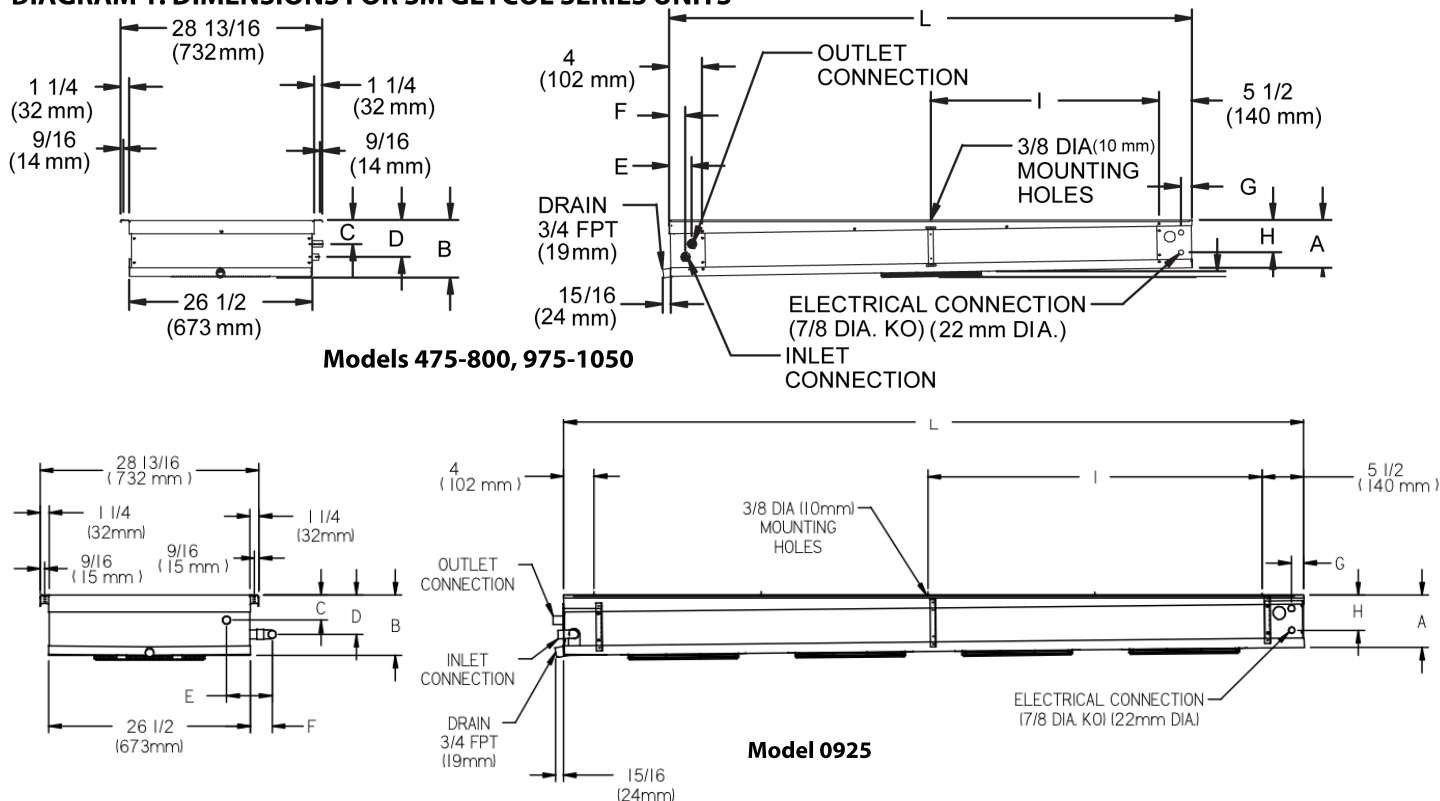


Model	No. of Fans	Dimensions (inches/mm)					
		A	B	C	D	E	F
BMAG0900	1	39-5/16 999	30-1/4 768	---	---	---	4-15/16 125
BMAG1100	2	67-5/16 1,710	58-1/4 1,480	---	---	---	4-15/16 125
BMAG1275	2	67-5/16 1,710	58-1/4 1,480	---	---	---	4-15/16 125
BMAG1600	2	67-5/16 1,710	58-1/4 1,480	---	---	---	4-15/16 125
BMAG1700	3	95-5/16 2,421	86-1/4 2,191	---	---	---	4-15/16 125
BMAG1900	3	95-5/16 2,421	86-1/4 2,191	---	---	---	4-15/16 125
BMAG2175	3	95-5/16 2,421	86-1/4 2,191	---	---	---	4-15/16 125
BMAG2400	4	123-5/16 3,132	114-1/4 2,902	56 1,422	58-1/4 1,480	---	4-15/16 125
BMAG2425	4	123-5/16 3,132	114-1/4 2,902	56 1,422	58-1/4 1,480	---	4-15/16 125
BMAG2850	4	123-5/16 3,132	114-1/4 2,902	56 1,422	58-1/4 1,480	---	4-15/16 125
BMAG3100	5	138-13/16 3,526	129-3/4 3,296	51 1,295	53-1/4 1,353	25-1/2 648	4-15/16 125

NOTE: Evaporator mounting brackets will accept up to 1/2" hanger rods

CENTER MOUNT DIMENSIONAL DATA

DIAGRAM 1. DIMENSIONS FOR SM GLYCOL SERIES UNITS



Model	No. of Fans	Dimensions (inches/mm)									
		A	B	C	D	E	F	G	H	I	L
SMAG0475	2	6-7/8 175	8-1/2 216	4 102	6-1/2 165	3-1/4 83	2-1/8 54	1-9/16 40	4-11/16 119	22 559	53-1/2 1,359
SMAG0525	2	6-7/8 175	8-1/2 216	3-3/8 86	5-1/4 133	3-1/4 83	2-1/4 57	1-9/16 40	4-11/16 119	22 559	53-1/2 1,359
SMAG0550	2	6-7/8 175	8-1/2 216	3-3/8 86	5-1/4 133	3-1/4 83	2-1/4 57	1-9/16 40	4-11/16 119	22 559	53-1/2 1,359
SMAG0575	2	6-7/8 175	8-1/2 216	3-3/8 86	5-1/4 133	3-1/4 83	2-1/4 57	1-9/16 40	4-11/16 119	22 559	53-1/2 1,359
SMAG0600	3	6-7/8 175	8-1/2 216	4 102	6-1/2 165	3 76	1-7/8 48	1-9/16 40	4-11/16 119	33 838	75-1/2 1,918
SMAG0625	3	6-7/8 175	8-1/2 216	2-1/2 64	6-1/2 165	3 76	1-7/8 48	1-9/16 40	4-11/16 119	33 838	75-1/2 1,918
SMAG0775	3	6-7/8 175	8-1/2 216	2-1/2 64	6-1/2 165	3 76	1-7/8 48	1-9/16 40	4-11/16 119	33 838	75-1/2 1,918
SMAG0800	4	6-7/8 175	8-1/2 216	3-3/8 86	5-1/4 133	3 76	2 51	1-9/16 40	4-11/16 119	44 1,118	97-1/2 2,477
SMAG0925	4	6-7/8 175	8-1/2 216	3-3/8 86	5-1/4 133	4-1/4 108	1-3/4 44	1-9/16 40	4-11/16 119	44 1,118	97-1/2 2,477
SMAG0975	4	6-7/8 175	8-1/2 216	2-5/8 67	5-1/8 130	3 76	2 51	1-9/16 40	4-11/16 119	44 1,118	97-1/2 2,477
SMAG1050	5	6-7/8 175	8-1/2 216	2-5/8 67	5-1/8 130	3 76	1-7/8 48	1-9/16 40	4-11/16 119	55 1,397	119-1/2 3,035



For more information on Bohn refrigeration products, contact your Sales Representative or visit us at www.heatcraftprd.com.

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Since product improvement is a continuing effort, we reserve the right to make changes in specifications without notice.

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