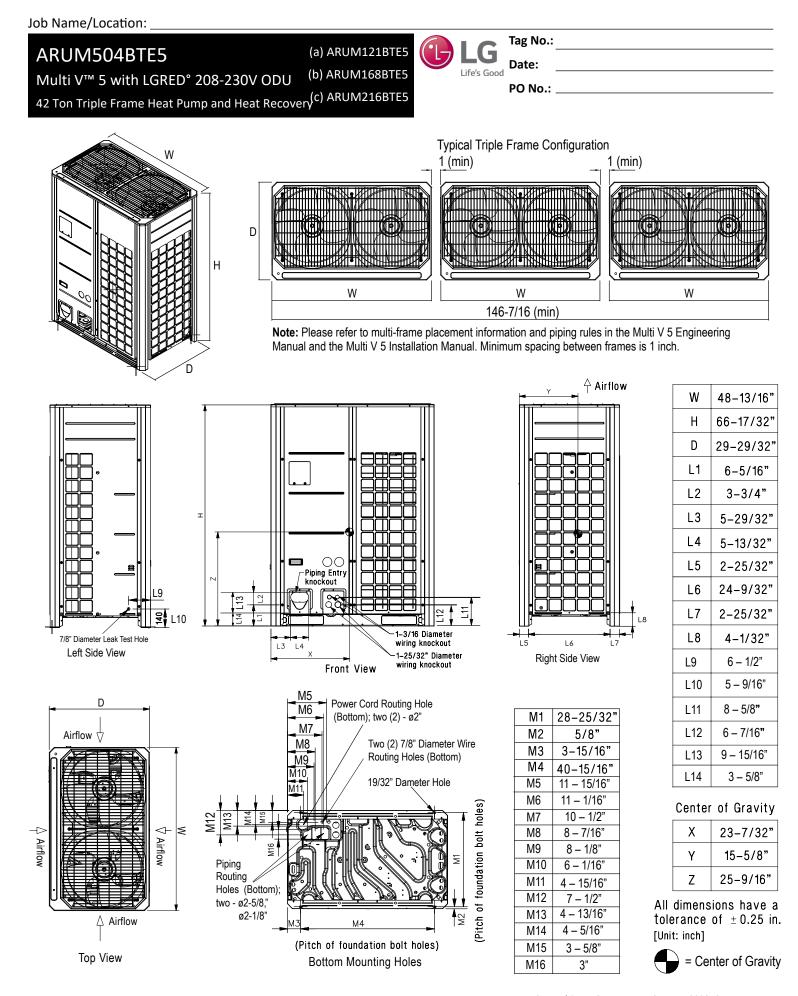
Job Name/Location:		Tag No.:						
Date:			For:	File	Resubmit			
PO No.:				Approval	Other			
Architect:		GC:				() LG	() LG	🚯 LG
Engr:		Mec	h:				MULTY V. 5	
Rep:								
(Company)		(Project M	Manager)					
ARUM504BTE5			(a) ARI	UM121BTE5				
Multi V™ 5 with LGRED		300 000		UM168BTE5	Lifes Good	b		
42 Ton Triple Frame Heat P	ump and	Heat Recovery	(c) ARI	UM216BTE5	Operating Range	2:		
Performance:					Cooling (°F DB)**			5 - 122
Cooling Mode:					Heating (°F WB)			-22 - 61
Nominal Capacity (Btu/h)				504,000	Synchronous Cooling Based (°I	F DB)		14 - 81
Power Input <sup>1</sup> (kW)				35.32	Heating Based (°			14 - 81
Heating Mode:					Unit Data:			
Nominal Capacity (Btu/h)				567,000	Refrigerant Type			R410A
Power Input <sup>1</sup> (kW)				40.93	Refrigerant Contro			EEV
Rated capacity is certified under AHRI Standard : ratings are available at www.ahridirectory.org.	1230. Ratings a	re subject to change wit	hout notice	e. Current certified	Max. Number of In Sound Pressure <sup>4</sup> d			64
Electrical:					Weight	-(-)		67
Frame (a) ARUM1	.21BTE5 (	b) ARUM168BTE5	(c) AF	RUM216BTE5		ARUM121BTE5	(b) ARUM168BTE5	(c) ARUM216BTE5
Power Supply $(V/Hz/\emptyset)^1$ 208-23		208-230/60/3		8-230/60/3	Net (lbs.)	507	639	666
MOP (A)	40	70		80	Shipping (lbs.) Communication Ca	534	666	694 2 x 18
MCA (A) Rated Amps (A)	30.9 26.3	53.6 48.3		60.3 54.2	Heat Exchanger Co	. ,		Z X 10 Black Coated Fin™
Compressor A (A)	26.3 18.3	48.3		24.2				
Compressor B (B)	-	19.1		21.9	Compressor:			
Fan (A)	8.0	8.0		8.0	Type Quantity			HSS DC Scroll 5
Piping: <sup>2</sup>					Oil / Type			PVE / FVC68D
Frame (a) ARUM1	.21BTE5 (	(b) ARUM168BTE5	(c) AF	RUM216BTE5	Fan:			
Refrigerant Charge (lbs.)	23.2	26.5		37.5	Туре			Propeller
Liquid (in., O.D.) 1/2 High Pressure Vapor	2 Braze	5/8 Braze		5/8 Braze	Quantity (a) + (b) +	(c)		6
(Heat Recov only; in, O.D.) 3/2	4 Braze	7/8 Braze		1-1/8 Braze	Motor Drive Air Flow Rate (a) +	(b) + (c) (CFM)	Brushless Digita	lly Controlled Direct 33,900
Low Pressure Vapor (in., O.D.) 1-1/8	8 Braze	1-1/8 Braze		1-1/8 Braze	Notes:			33,300
Standard Features:							with the applicable lo	cal and national codes.
Advanced Smart Load Control		<ul> <li>Active Refriger</li> </ul>			Cables terminate a 2. For main pipe segn		he LATS Multi V tree	diagram.
Intelligent Heating		Variable Heat I		0	3. The combination ra			
<ul> <li>HiPOR (High Pressure Oil Retu</li> <li>Smart Oil Control</li> </ul>	m) ·	<ul> <li>Subcooling and Control</li> </ul>	a vapor	Injection	4. Sound pressure lev for the combinatio			nder ISO Standard 3745
Night Quiet Operation		Liquid Cooled I	Invertei	r Controller	5. Communication cal	ble between ODU a	and IDUs must be 2-co	
Fault Detection and Diagnosis     Advanced Comfort Cooling								cable shield is properly communication cable at
Required Accessories:	(branch :	2 nino host roco	uonu)		any other point. W	iring must comply v	with all applicable loca	al and national codes.
<ul> <li>ARCNB31 (Frame Connector Y-branch, 3 pipe heat recovery)</li> <li>ARCNB21 (Frame Connector Y-branch, 3 pipe heat recovery)</li> </ul>					<ol> <li>Acceptable operati</li> <li>The order of these</li> </ol>			not represent the
ARCNN31 (Frame Connector Y-branch, 2 pipe heat pump)					installation order. H	lighest capacity uni		followed by the next
ARCNN21 (Frame Connector )			• •		smaller size as Sub	1, and so on.		
Optional Accessories:	quired)							
Hail Guard Kit - ZHGDKA52A (	3 required				LGRE			
<ul> <li>Low Ambient Baffle Kit - ZLAB</li> <li>Base Pan Heater - ZPLT1A52A</li> </ul>		, Control Kit - PF	RVC2 (1	per system)	Powerful Heat Tech			ERTIFIED TM w.ahridirectory.org
<b>**Cooling operating range can</b> low ambient baffle kit and <b>low</b>	e optionstalled		erter	Variable Refrigerant Flow (Vf AHRI Standard 1230	RF) Multi-Split AC and HP			

This is the range in which the unit can operate as continuous operation. For continual product development, LG reserves the right to change specifications without notice. © LG Electronics Canada., Inc., North York , ON. All rights reserved. "LG Life's Good" is a registered trademark of LG Corp. /www.lgvrf.ca

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## ARUM504BTE5 Multi V<sup>™</sup> 5 with LGRED° 208-230V ODU

42 Ton Triple Frame Heat Pump and Heat Recovery

Tag No.: \_\_\_\_\_

Date:

Life's Good PO No.: \_

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AHRI Data:									
Reference Number	Indoor Type	Cooling Capacity (95°F)	EER (95°F)	IEER	SCHE	High Heating Capacity (47°F)	High COP (47°F)	Low Heating Capacity (17°F)	Low COP (17°F)
202519387	Ducted Indoor Units	480,000	9.60	17.50	18.00	534,000	3.21	348,000	2.10
202519388	Non-Ducted Indoor Units	480,000	9.60	18.60	18.00	534,000	3.21	348,000	2.22