Checklist # 1

Project Summary *Entire House* S. G. TORRICE COMPANY

Job: Date: May 22, 2015 By:

For:	PO Box 2	Olins Project Portland Maine, S.G. Torrice Co. PO Box 275, Farmington, NH 03835 Phone: 755-4900			
Notes:	1) Distribu constructio 2) It is the	tor is not respon on information is sole responsibili capacity of the s	sible for the accuracy of the load calcu provided by the dealer. ty of the dealer to ensure that the duct specified equipment. Information		
	Wea		d, ME, US		
Winter Des	sign Conditio		Summer Design	Conditions	
Outside db Inside db Design TD	-	11 °F 72 °F 33 °F	Outside db Inside db Design TD Daily range Relative humidity Moisture difference	93 °F 70 °F 23 °F M 50 % 54 gr/lb	
	g Summary		Sensible Cooling Equi	pment Load Sizin	
Structure Ducts Central vent (184 cfm) Humidification Piping Equipment load	40347 Btuh 0 Btuh 8382 Btuh 0 Btuh 0 Btuh 48729 Btuh		Structure Ducts Central vent (184 cfm) Blower Use manufacturer's data	23677 Btuh O Btuh 2297 Btuh O Btuh	
Infiltration			Rate/swing multiplier Equipment sensible load	0.98 25403 Btuh	
Method Shielding / stories Pressure / AVF	3	Blower door 3 (partial) / 3	Latent Cooling Equip	ment Load Sizing	
Area (ft²) Volume (ft³) Air changes/hour Equiv. AVF (cfm)	Heating 2067 26151 0 0	4 Pa / 0 cfm Cooling 2067 26151 0 0 0	Structure Ducts Central vent (184 cfm) Equipment latent load Equipment total load Req. total capacity at 0.70 SHR	0 Btuh 0 Btuh 3354 Btuh 0 Btuh 25403 Btuh 3.0 ton	
Heating Equi	pment Sumr	nary	Cooling Equipment Summary		
Make n/a Trade n/a Model n/a AHRI ref. n/a Efficiency Heating input Heating output Temperature rise Actual air flow Air flow factor Static pressure Space thermostat) cfm/Btuh	Make n/a Trade n/a Cond n/a Coil n/a AHRI ref. n/a Efficiency Sensible cooling Latent cooling Total cooling Actual air flow Air flow factor Static pressure Load sensible heat ratio	n/a 0 Btuh 0 Btuh 0 Btuh 0 cfm 0 cfm/Btuh 0 in H2O 0	
Ca	culations approv	ved by ACCA to	meet all requirements of Manual J 8th	Ed	

Project Summary *Floor1* S. G. TORRICE COMPANY

Job: Date: May 22, 2015 By:

		Project	Information			
For:	Olins Project Portland Maine, S.G. Torrice Co. PO Box 275, Farmington, NH 03835 Phone: 755-4900					
Notes:	 Distributor is not responsible for the accuracy of the load calculation if inaccurate/incomplet construction information is provided by the dealer. It is the sole responsibility of the dealer to ensure that the duct system is adequately sized the airflow capacity of the specified equipment. 					
		Design I	nformation			
	Wea	ather: Portland	I, ME, US			
Winter Desig	n Conditie	ons	Summer Desig	n Conditio	ns	
Outside db Inside db Design TD	10	.11 °F 72 °F 83 °F	Outside db Inside db Design TD Daily range Relative humidity Moisture difference	70 23 M 50	°F °F °F gr/lb	
Heating Summary			Sensible Cooling Equipment Load Sizing			
Structure Ducts Central vent (50 cfm) Humidification Piping Equipment load	16660 Btuh 0 Btuh 2283 Btuh 0 Btuh 0 Btuh		Structure Ducts Central vent (50 cfm) Blower	9931 0 626	Btuh Btuh Btuh Btuh	
Equipment load 18942 Btuh		Use manufacturer's data Rate/swing multiplier Equipment sensible load	ا 0.98 10324			
Method Shielding / stories	Blower door 3 (partial) / 3		Latent Cooling Equi	pment Loa	d Sizing	
Pressurē / AVF Area (ft²) Volume (ft³) Air changes/hour Equiv. AVF (cfm)	Heating 769 6152 0 0	4 Pa / 0 cfm Cooling 769 6152 0 0	Structure Ducts Central vent (50 cfm) Equipment latent load Equipment total load Req. total capacity at 0.70 SHR	0 914 914 11238		
Heating Equipment Summary						
Make Trade Model AHRI ref Efficiency Heating input Heating output Temperature rise Actual air flow Air flow factor Static pressure Space thermostat	80 AFUE 0 Btuh 0 Btuh 0 °F 603 cfm 0.036 cfm/Btuh 0 in H2O		Cooling Equipm Make Trade Cond Coil AHRI ref Efficiency Sensible cooling Latent cooling Total cooling Actual air flow Air flow factor Static pressure Load sensible heat ratio	0 SEER 0 0 603 0.061	Btuh Btuh Btuh	

Calculations approved by ACCA to meet all requirements of Manual J 8th Ed.

ACCAAmerican Standard\Project180-OlinsResidence.rup Calc = MJ8 Front Door faces: N

Job: Date: May 22, 2015 By:

			Information			
For		5. Farmington.	ne, S.G. Torrice Co. NH 03835			
Notes:	2) It is the	n information is sole responsibili capacity of the s	sible for the accuracy of the load calc provided by the dealer. ity of the dealer to ensure that the due specified equipment.			
		Design	Information			
	Wea		d, ME, US			
2	sign Conditio		Summer Desig	n Conditio	ns	
Outside db Inside db Design TD	7	1 °F '2 °F '3 °F	Outside db Inside db Design TD Daily range Relative humidity Moisture difference	70 23 N 50	%	
Heating Summary				Moisture difference 54 gr/lb Sensible Cooling Equipment Load Sizing		
Structure Ducts		6 Btuh	Structure		Btuh	
Central vent (50 cfm) Humidification Piping	228	0 Btuh 3 Btuh 0 Btuh 0 Btuh	Ducts Central vent (50 cfm) Blower	0 626	Btuh Btuh Btuh	
Equipment load	1125 Itration	9 Btuh	Use manufacturer's data Rate/swing multiplier Equipment sensible load	0.98	n Btuh	
Method Shielding / stories	ries Blower door 3 (partial) / 3		Latent Cooling Equipment Load Sizing			
Pressure / AVF	4	1 Pa / 0 cfm	Structure Ducts		Btuh	
Area (ft²) Volume (ft³)	Heating 709 5672	Cooling 709 5672	Central vent (50 cfm) Equipment latent load	914	Btuh Btuh Btuh	
Air changes/hour Equiv. AVF (cfm)	0 0	0 0	Equipment total load Req. total capacity at 0.70 SHR	7556 0.8	Btuh ton	
Heating Equ	ipment Sumn	nary	Cooling Equipment Summary			
Make Trade Model AHRI ref Efficiency Heating input			Make Trade Cond Coil AHRI ref Efficiency	0 SEER		
Heating input Heating output Temperature rise Actual air flow Air flow factor Static pressure Space thermostat	0 0 375 0.042		Sensible cooling Latent cooling Total cooling Actual air flow Air flow factor Static pressure Load sensible heat ratio	0 0 375 0.061	Btuh Btuh Etuh cfm cfm/Btuh in H2O	
Ca	alculations approv	red by ACCA to	meet all requirements of Manual J 8t	th Ed		
1	ight-Suite® Universal 2				15-May-22 07:24:4	

Job: Date: May 22, 2015 By:

		Project	Information			
For:	Olins Project Portland Maine, S.G. Torrice Co. PO Box 275, Farmington, NH 03835 Phone: 755-4900					
Notes:	2) It is the	n information is sole responsibili capacity of the s	sible for the accuracy of the load calcul provided by the dealer. ity of the dealer to ensure that the duct specified equipment.			
		Design	Information			
	Wea	ther: Portlan	d, ME, US			
Winter Desig	gn Conditic	ons	Summer Design Conditions			
Outside db Inside db Design TD	7	11 °F 12 °F 33 °F	Outside db Inside db Design TD Daily range Relative humidity Moisture difference	70 23 N 50		
Heating	Heating Summary			Sensible Cooling Equipment Load Sizing		
Structure Ducts Central vent (84 cfm) Humidification Piping Equipment load	14712 Btuh 0 Btuh 3816 Btuh 0 Btuh 0 Btuh		Structure Ducts Central vent (84 cfm) Blower	0 1046	Btuh Btuh Btuh Btuh	
Equipment load 18528 Btuh Infiltration			Use manufacturer's data Rate/swing multiplier Equipment sensible load	0.98	n Btuh	
Method Shielding / stories Pressure / AVF	Blower door 3 (partial) / 3 4 Pa / 0 cfm		Latent Cooling Equip		d Sizing Btuh	
Area (ft²) Volume (ft³)	Heating 589 14327	Cooling 589 14327	Ducts Central vent (84 cfm) Equipment latent load	0 1527	Btuh Btuh Btuh	
Air changes/hour Equiv. AVF (cfm)	0 0	0	Equipment total load Req. total capacity at 0.70 SHR		Btuh ton	
Heating Equip	Heating Equipment Summary			Cooling Equipment Summary		
Make Trade Model AHRI ref Efficiency Heating input Heating output Temperature rise Actual air flow Air flow factor Static pressure Space thermostat	80 AFUE 0 Btuh 0 Btuh 0 °F 460 cfm 0.031 cfm/Btuh 0 in H2O		Make Trade Cond Coil AHRI ref Efficiency Sensible cooling Latent cooling Total cooling Actual air flow Air flow factor Static pressure Load sensible heat ratio	0 SEER 0 0 460 0.061	Btuh Btuh Btuh	
Calc	ulations approv	ved by ACCA to	meet all requirements of Manual J 8th	Ed.		

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