

Job Name : _____
 Purchaser : _____
 Engineer : _____
 Submitted To : _____
 Submitted By : _____
 Unit Designation : Schedule No. : _____

Location : _____
 P.O. No. : _____
 Architect : _____
 Date : _____
 For : Reference Approval Construction
 Model No. : _____

Submittal Data : LMU369HV

Flex Multi-Split Inverter Heat Pump Outdoor Unit



Standard Features :

- Limited Five Year Compressor Warranty
- Limited Two Year Functional Parts Warranty
- Defrost/Deicing
- Restart delay (3-minutes)
- Self Diagnosis
- Soft Start
- Auto Operation (Artificial intelligence)
- Auto restart operation
- Built-in Low Ambient Standard down to 14°F (cooling mode)
- Gold Fin™ Anti-Corrosion Treatment for Condenser



Specification :

Capacity (BTUs)	34,000 Class
Power Supply (V, Hz, Ph)	208-230/60/1
Maximum Overcurrent Protection (A)	25
Minimum Circuit Ampacity (A)	16.8
Power Input (Rated)	
Cooling (kW)	2.72
Heating (kW)	3.58
Cooling Running Current (Rated) (A)	18.6
Heating Running Current (Rated) (A)	19.0
Compressor Running Current (Rated) (A)	12.1
Fan Motor Running Current (Rated) (A)	0.55
Communication Cable (No. x AWG)	4 x 18
(Outdoor to Indoor Unit)	
Dimension (WxHxD, inches)	35 7/16 x 45 7/8 x 14 9/16
Net Weight (lbs)	209.4
Max. # of Connectable Indoor Units	4
Refrigerant	
Charge (98.4ft) (lbs)	7.72
Type	R 410a
Control	EEV
Sound Level (±3dB(A))	57

Specification :

Piping Connections	
Liquid (inches)	1/4 x 4EA
Gas (inches)	3/8 x 4EA
Piping length spec.	
Max. total piping (ft.)	246.1
Max. OD-ID piping (ft.)	82.0
Piping length (no add'l refrigerant, ft.)	98.4
Max. Elevation Difference	
Outdoor Unit ~ Indoor Unit (ft.)	49.2
Indoor Unit ~ Indoor Unit (ft.)	24.6
Operating Range (Outdoor)	
Cooling (°F)	14~115
Heating (°F)	5~75

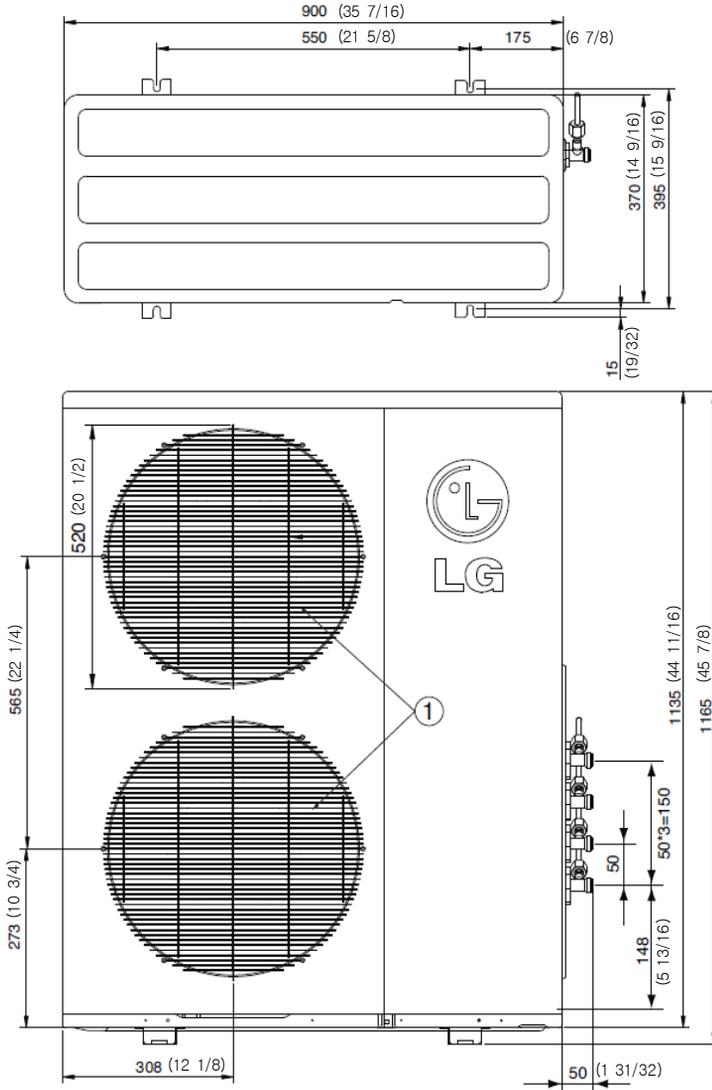
1. Capacities are based on the following conditions :
 Cooling : - Indoor Temperature 80°F DB / 67°F WB
 - Outdoor Temperature 95°F DB / 75°F WB
 Heating : - Indoor Temperature 70°F DB / 60°F WB
 - Outdoor Temperature 47°F DB / 43°F WB
 Piping Length : - Interconnecting Piping Length 24.6ft.
 - Level Difference of Zero
2. Wiring cable size must comply with the applicable local and national code.
3. The specification may be subject to change without prior notice for purpose of improvement.
4. For more capacity(*) information, refer to the combination tables.

Combination Performance Table :

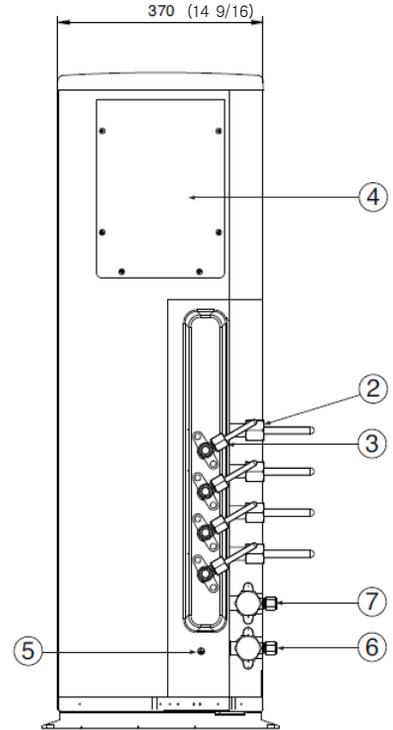
System	Combined With	Nominal Cooling Capacity	EER	SEER	Nominal Heating Capacity	COP	Low Heating Capacity	COP	HSPF	Energy Star
		Btu/h	95°F		Btu/h	47°F	Btu/h	17°F		
LMU369HV	Non-Ducted Indoor Unit	34,000	12.50	17.5	41,000	3.40	23,300	2.4	10.5	Yes
	Ducted Indoor Unit	34,000	12.00	16.5	41,000	3.20	25,300	2.6	10.5	
	Mixed Ducted & Non-Ducted	34,000	12.25	17.0	41,000	3.30	24,300	2.5	10.5	

Note :

Dimension :



- ① Air Discharge Grille
- ② Gas Pipe Connection
- ③ Liquid Pipe Connection
- ④ Power & Communication Cable Connection
- ⑤ Earth Ground Screw
- ⑥ Main Service Valve (Liquid)
- ⑦ Main Service Valve (Gas)



Unit: mm (inch)

Compatible Indoor Units :

Standard Wall Mounted Indoor Unit :

LMN095HVT, LMN125HVT, LMN185HVT



Wireless Remote Controller included in indoor unit package

Ceiling Concealed Indoor Unit :

LMDN095HV, LMDN125HV, LMDN185HV



Wired Wall Thermostat included in indoor unit package

Art Cool Wall Mounted Indoor Unit :

LMAN095HVT, LMAN125HVT, LMAN185HVT



Wireless Remote Controller included in indoor unit package

Ceiling Cassette Indoor Unit :

LMCN125HV, LMCN185HV



Wireless Remote Controller included in indoor unit package

Combination Table.:

■ Non ducted type indoor unit

Cooling

UNIT	Combination of Indoor Unit (kBtu/h Class)					Room Capacity				Total Capacity						Input(W)			Current(A)			EER	SEER
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (Btu/h)	UNIT-B (Btu/h)	UNIT-C (Btu/h)	UNIT-D (Btu/h)	Min		Middle		Max		Min	Middle	Max	Min	Middle	Max		
										Btu/h	kW	Btu/h	kW	Btu/h	kW								
2 UNIT	9	9	-	-	18	9,000	9,000	-	-	10,798	3.2	18,000	5.3	19,800	5.8	1,140	1,900	2,586	5.0	8.3	11.3	9.5	13.5
	9	12	-	-	21	9,000	12,000	-	-	12,597	3.7	21,000	6.2	23,100	6.8	1,266	2,110	2,872	5.5	9.2	12.5	10.0	14.1
	12	12	-	-	24	12,000	12,000	-	-	14,397	4.2	24,000	7.0	26,400	7.7	1,392	2,320	3,158	6.1	10.1	13.8	10.3	14.7
	9	18	-	-	27	9,000	18,000	-	-	16,197	4.7	27,000	7.9	29,700	8.7	1,452	2,420	3,294	6.3	10.6	14.4	11.2	15.8
	12	18	-	-	30	11,600	17,400	-	-	17,397	5.1	29,000	8.5	32,000	9.4	1,560	2,600	3,539	6.8	11.3	15.4	11.2	15.8
18	18	-	-	36	18,000	18,000	-	-	21,596	6.3	36,000	10.5	39,600	11.6	1,728	2,880	3,920	7.5	12.6	17.1	12.5	17.8	
3 UNIT	9	9	9	-	27	9,000	9,000	9,000	-	16,197	4.7	27,000	7.9	29,700	8.7	1,452	2,420	3,294	6.3	10.6	14.4	11.2	15.8
	9	9	12	-	30	9,000	9,000	12,000	-	17,996	5.3	30,000	8.8	33,000	9.7	1,560	2,600	3,539	6.8	11.3	15.4	11.5	16.4
	9	12	12	-	33	9,000	12,000	12,000	-	19,796	5.8	33,000	9.7	36,300	10.6	1,644	2,740	3,729	7.2	11.9	16.3	12.0	17.1
	12	12	12	-	36	11,333	11,333	11,333	-	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	9	9	18	-	36	8,500	8,500	17,000	-	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	9	12	18	-	39	7,846	10,462	15,692	-	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	12	12	18	-	42	9,714	9,714	14,571	-	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	9	18	18	-	45	6,800	13,600	13,600	-	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
12	18	18	-	48	8,500	12,750	12,750	-	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5	
4 UNIT	9	9	9	9	36	8,500	8,500	8,500	8,500	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	9	9	9	12	39	7,846	7,846	7,846	10,462	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	9	9	12	12	42	7,286	7,286	9,714	9,714	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	9	12	12	12	45	6,800	9,067	9,067	9,067	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
	9	9	9	18	45	6,800	6,800	6,800	13,600	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5
12	12	12	12	48	8,500	8,500	8,500	8,500	20,396	6.0	34,000	10.0	37,400	11.0	1,632	2,720	3,702	7.1	11.9	16.1	12.5	17.5	

Heating

UNIT	Combination of Indoor Unit (kBtu/h Class)					Room Capacity				Total Capacity						Input(W)			Current(A)		COP	HSPF	
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (Btu/h)	UNIT-B (Btu/h)	UNIT-C (Btu/h)	UNIT-D (Btu/h)	Min		Middle		Max		Min	Middle	Max	Min	Middle			Max
										Btu/h	kW	Btu/h	kW	Btu/h	kW								
2 UNIT	9	9	-	-	18	10,350	10,350	-	-	12,418	3.6	20,700	6.1	22,770	6.7	1,248	2,080	2,416	5.4	9.1	10.5	2.9	9.3
	9	12	-	-	21	10,350	13,800	-	-	14,487	4.2	24,150	7.1	26,510	7.8	1,524	2,540	2,950	6.6	11.1	12.9	2.8	8.9
	12	12	-	-	24	13,800	13,800	-	-	16,557	4.9	27,600	8.1	30,360	8.9	1,554	2,590	3,008	6.8	11.3	13.1	3.1	10.0
	9	18	-	-	27	10,350	20,700	-	-	18,626	5.5	31,050	9.1	33,000	9.7	1,740	2,900	3,368	7.6	12.6	14.7	3.1	10.0
	12	18	-	-	30	13,800	20,700	-	-	20,696	6.1	34,500	10.1	36,300	10.6	1,932	3,220	3,740	8.4	14.0	16.3	3.1	10.0
18	18	-	-	36	19,000	19,000	-	-	22,795	6.7	38,000	11.1	37,400	11.0	2,118	3,530	4,100	9.2	15.4	17.9	3.2	10.1	
3 UNIT	9	9	9	-	27	10,350	10,350	10,350	-	18,626	5.5	31,050	9.1	34,100	10.0	1,740	2,900	3,368	7.6	12.6	14.7	3.1	10.0
	9	9	12	-	30	10,350	10,350	13,800	-	20,696	6.1	34,500	10.1	37,400	11.0	1,932	3,220	3,740	8.4	14.0	16.3	3.1	10.0
	9	12	12	-	33	10,350	13,800	13,800	-	22,785	6.7	37,950	11.1	38,500	11.3	2,040	3,400	3,949	8.9	14.8	17.2	3.3	10.4
	12	12	12	-	36	13,667	13,667	13,667	-	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
	9	9	18	-	36	10,250	10,250	20,500	-	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
	9	12	18	-	39	9,462	12,615	18,923	-	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
	12	12	18	-	42	11,714	11,714	17,571	-	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
	9	18	18	-	45	8,200	16,400	16,400	-	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
12	18	18	-	48	10,250	15,375	15,375	-	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5	
4 UNIT	9	9	9	9	36	10,250	10,250	10,250	10,250	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
	9	9	9	12	39	9,462	9,462	9,462	12,615	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
	9	9	12	12	42	8,786	8,786	11,714	11,714	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
	9	12	12	12	45	8,200	10,933	10,933	10,933	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
	9	9	9	18	45	8,200	8,200	8,200	16,400	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5
12	12	12	12	48	10,250	10,250	10,250	10,250	24,595	7.2	41,000	12.0	45,100	13.2	2,148	3,580	4,153	9.4	15.6	18.1	3.4	10.5	



Combination Table.:

■ Ducted type indoor unit
Cooling

UNIT	Combination of Indoor Unit (kBtu/h Class)					Room Capacity				Total Capacity						Input(W)			Current(A)			EER	SEER
										Min		Middle		Max									
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (Btu/h)	UNIT-B (Btu/h)	UNIT-C (Btu/h)	UNIT-D (Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Middle	Max	Min	Middle	Max		
2 UNIT	9	9	-	-	18	9,000	9,000	-	-	10,798	3.2	18,000	5.3	19,800	5.8	1,188	1,980	2,695	5.2	8.6	11.7	9.1	12.7
	9	12	-	-	21	9,000	12,000	-	-	12,597	3.7	21,000	6.2	23,100	6.8	1,320	2,200	2,995	5.8	9.6	13.1	9.5	13.4
	12	12	-	-	24	12,000	12,000	-	-	14,397	4.2	24,000	7.0	26,400	7.7	1,452	2,420	3,294	6.3	10.6	14.4	9.9	13.9
	9	18	-	-	27	9,000	18,000	-	-	16,197	4.7	27,000	7.9	29,700	8.7	1,518	2,530	3,443	6.6	11.0	15.0	10.7	14.9
	12	18	-	-	30	11,600	17,400	-	-	17,397	5.1	29,000	8.5	32,000	9.4	1,626	2,710	3,688	7.1	11.8	16.1	10.7	15.0
18	18	-	-	36	16,500	16,500	-	-	19,796	5.8	33,000	9.7	35,000	10.3	1,800	3,000	4,083	7.8	13.1	17.8	11.0	15.4	
3 UNIT	9	9	9	-	27	9,000	9,000	9,000	-	16,197	4.7	27,000	7.9	29,700	8.7	1,518	2,530	3,443	6.6	11.0	15.0	10.7	14.9
	9	9	12	-	30	9,000	9,000	12,000	-	17,996	5.3	30,000	8.8	33,000	9.7	1,626	2,710	3,688	7.1	11.8	16.1	11.1	15.5
	9	12	12	-	33	9,000	12,000	12,000	-	19,796	5.8	33,000	9.7	36,300	10.6	1,716	2,860	3,892	7.5	12.5	17.0	11.5	16.2
	12	12	12	-	36	11,333	11,333	11,333	-	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.4	16.9	12.0	16.5
	9	9	18	-	36	8,500	8,500	17,000	-	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.4	16.9	12.0	16.5
	9	12	18	-	39	7,846	10,462	15,692	-	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.4	16.9	12.0	16.5
	12	12	18	-	42	9,714	9,714	14,571	-	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.4	16.9	12.0	16.5
	9	18	18	-	45	6,800	13,600	13,600	-	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.4	16.9	12.0	16.5
12	18	18	-	48	8,500	12,750	12,750	-	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.4	16.9	12.0	16.5	
4 UNIT	9	9	9	9	36	8,500	8,500	8,500	8,500	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.4	16.9	12.0	16.5
	9	9	9	12	39	7,846	7,846	7,846	10,462	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.4	16.9	12.0	16.5
	9	9	12	12	42	7,286	7,286	9,714	9,714	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.4	16.9	12.0	16.5
	9	12	12	12	45	6,800	9,067	9,067	9,067	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.4	16.9	12.0	16.5
	9	9	9	18	45	6,800	6,800	6,800	13,600	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.4	16.9	12.0	16.5
12	12	12	12	48	8,500	8,500	8,500	8,500	20,396	6.0	34,000	10.0	37,400	11.0	1,704	2,840	3,865	7.4	12.4	16.9	12.0	16.5	

Heating

UNIT	Combination of Indoor Unit (kBtu/h Class)					Room Capacity				Total Capacity						Input(W)			Current(A)			COP	HSPF
										Min		Middle		Max									
	UNIT-A	UNIT-B	UNIT-C	UNIT-D	Total	UNIT-A (Btu/h)	UNIT-B (Btu/h)	UNIT-C (Btu/h)	UNIT-D (Btu/h)	Btu/h	kW	Btu/h	kW	Btu/h	kW	Min	Middle	Max	Min	Middle	Max		
2 UNIT	9	9	-	-	18	10,350	10,350	-	-	12,418	3.6	20,700	6.1	22,770	6.7	1,302	2,170	2,520	5.7	9.5	11.0	2.8	9.1
	9	12	-	-	21	10,350	13,800	-	-	14,487	4.2	24,150	7.1	26,510	7.8	1,536	2,560	2,973	6.7	11.2	13.0	2.8	9.0
	12	12	-	-	24	13,800	13,800	-	-	16,557	4.9	27,600	8.1	30,360	8.9	1,614	2,690	3,124	7.0	11.7	13.6	3.0	9.8
	9	18	-	-	27	10,350	20,700	-	-	18,626	5.5	31,050	9.1	33,000	9.7	1,812	3,020	3,508	7.9	13.2	15.3	3.0	9.8
	12	18	-	-	30	13,800	20,700	-	-	20,696	6.1	34,500	10.1	36,300	10.6	2,010	3,350	3,891	8.8	14.6	17.0	3.0	9.8
18	18	-	-	36	19,000	19,000	-	-	22,795	6.7	38,000	11.1	37,400	11.0	2,208	3,680	4,274	9.6	16.0	18.6	3.0	9.8	
3 UNIT	9	9	9	-	27	10,350	10,350	10,350	-	18,626	5.5	31,050	9.1	34,100	10.0	1,812	3,020	3,508	7.9	13.2	15.3	3.0	9.8
	9	9	12	-	30	10,350	10,350	13,800	-	20,696	6.1	34,500	10.1	37,400	11.0	2,010	3,350	3,891	8.8	14.6	17.0	3.0	9.8
	9	12	12	-	33	10,350	13,800	13,800	-	22,765	6.7	37,950	11.1	38,500	11.3	2,130	3,550	4,123	9.3	15.5	18.0	3.1	10.2
	12	12	12	-	36	13,667	13,667	13,667	-	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	10.5
	9	9	18	-	36	10,250	10,250	20,500	-	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	10.5
	9	12	18	-	39	9,462	12,615	18,923	-	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	10.5
	12	12	18	-	42	11,714	11,714	17,571	-	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	10.5
	9	18	18	-	45	8,200	16,400	16,400	-	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	10.5
12	18	18	-	48	10,250	15,375	15,375	-	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	10.5	
4 UNIT	9	9	9	9	36	10,250	10,250	10,250	10,250	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	10.5
	9	9	9	12	39	9,462	9,462	9,462	12,615	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	10.5
	9	9	12	12	42	8,786	8,786	11,714	11,714	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	10.5
	9	12	12	12	45	8,200	10,933	10,933	10,933	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	10.5
	9	9	9	18	45	8,200	8,200	8,200	16,400	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	10.5
12	12	12	12	48	10,250	10,250	10,250	10,250	24,595	7.2	41,000	12.0	45,100	13.2	2,232	3,720	4,321	9.7	16.2	18.8	3.2	10.5	