Job Name :	Location :
Purchaser :	P.O. No. :
Engineer :	Architect :
Submitted To :	Date :
Submitted By :	For : ☐ Reference ☐ Approval ☐ Construction
Unit Designation : Schedule No.:	Model No.:

Submittal Data : LMU366HV

Flex Multi-Split Inverter Heat Pump Outdoor Unit

🄲 **LG**

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℉ (cooling mode)
- Gold Fin ™ Anti-Corrosion Treatment for Condenser

Inverter

Specification :

Capacity (BTUs)	36,000 Class
Power Supply (V, Hz, Ph)	208-230/60/1
Maximum Overcurrent Protection (A)	33.3
Minimum Circuit Ampacity (A)	19.0
Power Input (Rated)	
Cooling (kW)	3.75
Heating (kW)	3.70
Running Current (Rated)	
Cooling (A)	18.1
Heating (A)	18.5
Compressor (A)	14.3
Fan Motor (A)	0.55
Transmission Cable (No. x AWG)	4 x 18
(Outdoor to Indoor Unit)	
Dimension (WxHxD, inches)	34 1/4 x 31 13/16 x 12 9/16
Net Weight (lbs)	143.3
Max. # of Connectable Indoor Units	4
Refrigerant	
Charge (at 24.6ft, oz)	89.95
Type	R 410a
Control	EEV
Sound Level (±3dB(A))	52

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.)	123.0
Max. Elevation Difference	
Outdoor Unit ~ Indoor Unit (ft.)	49.2
Indoor Unit ~ Indoor Unit (ft.)	24.6
Operating Range (Outdoor)	
Cooling (℉)	14~115
Heating (℉)	5~75

1. Capacities are based on the following conditions :
   Cooling : - Indoor Temperature 80℉ DB / 67℉ WB
        - Outdoor Temperature 95℉ DB / 75℉ WB
   Heating : - Indoor Temperature 70℉ DB / 60℉ WB
        - Outdoor Temperature 47℉ DB / 43℉ 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.
5. The data mentioned in the above table are only for non-ducted type of indoor unit.

Combination Performance Table :

System	Combined With	Norminal Cooling Capacity	EER	SEER	Norminal Heating Capacity	COP	Low Heating Capacity	COP	HSPF
		Btu/h	95℉		Btu/h	47℉	Btu/h	17℉	
LMU366HV	Non-Ducted Indoor Unit	32,300	8.60	18.0	35,400	2.80	26,100	2.3	9.10
	Ducted Indoor Unit	33,000	8.70	17.0	37,000	3.10	27,400	2.4	9.00
	Mixed Ducted & Non-Ducted	32,650	8.65	17.5	36,200	2.90	26,700	2.4	9.05

Note :

Dimension :

870(34 1/4)
546(21 1/2)   160(6 5/16)
320(12 9/16)
340(13 3/8)
360(14 3/16)
10(13/32)

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)

333(13 3/32)
Ø508.5(20 1/32)
808(31 13/16)
783(30 13/16)
509(20 1/32)
393(15 17/16)
198(7 13/16)
26(1 1/32)
50(1 31/32)
50(1 31/32)*3
=150(5 7/8)
50(1 31/32)

320(12 9/16)
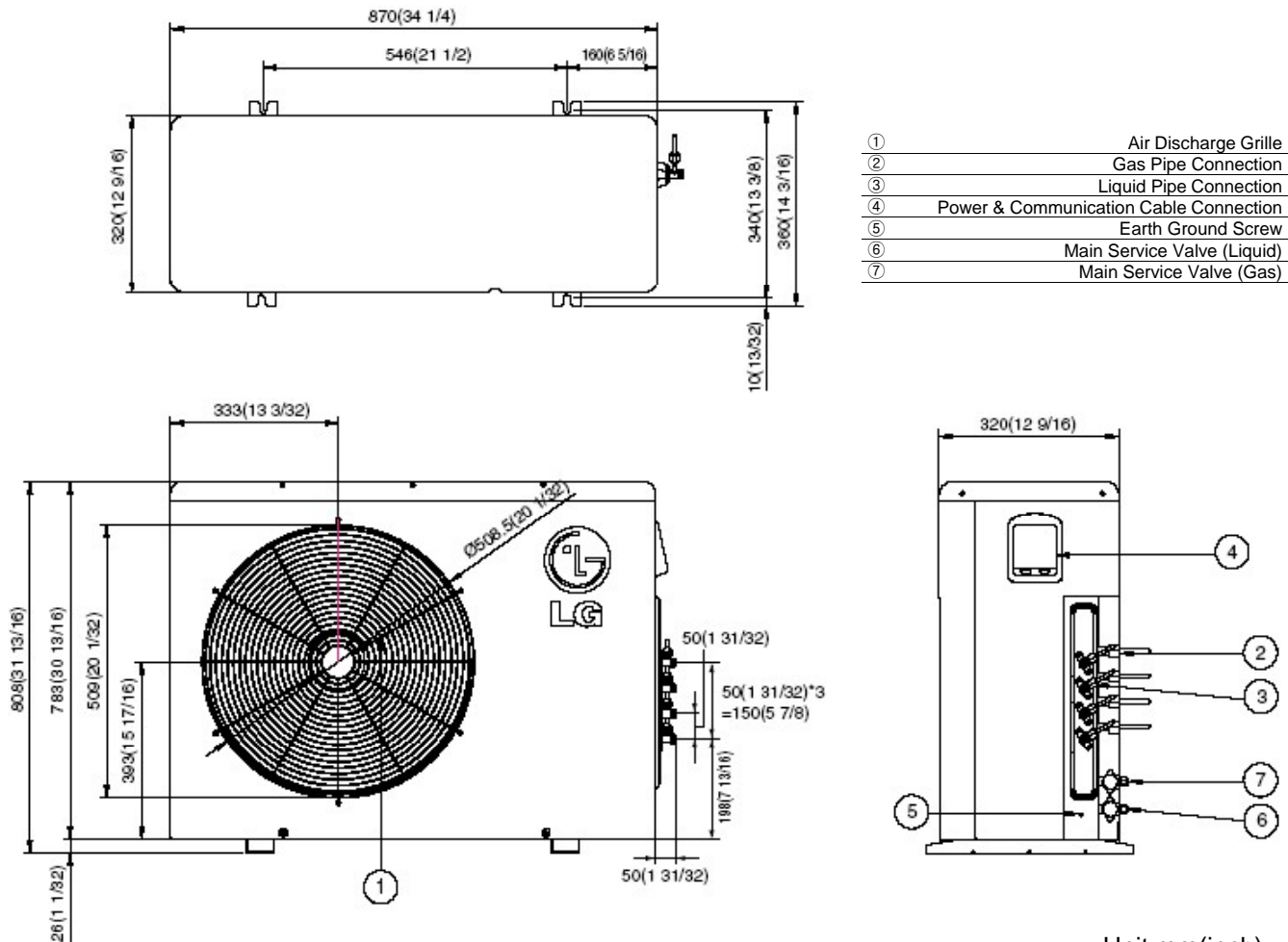
Unit:mm(inch)

Compatible Indoor Units :

Standard Wall Mounted Indoor Unit :
LMN095HVT, LMN125HVT, LMN185HVT

Wireless Remote Controller
included in indoor unit package

Art Cool Wall Mounted Indoor Unit :
LMAN095HVT, LMAN125HVT, LMAN185HVT

Wireless Remote Controller
included in indoor unit package

Ceiling Concealed Indoor Unit :
LMDN095HV, LMDN125HV, LMDN185HV

Wired Wall Thermostat
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	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 Btu/h	Min kW	Middle Btu/h	Middle kW	Max Btu/h	Max kW	Input Min	Input Middle	Input Max	Current Min	Current Middle	Current Max	EER	SEER
2 UNIT	9	9	-	-	18	9,000	9,000	-	-	10,800	3.2	18,000	5.3	19,800	5.8	930	1,550	2,434	4.3	7.2	11.3	10.6	15.1
	9	12	-	-	21	9,000	12,000	-	-	12,600	3.7	21,000	6.2	23,100	6.8	1,020	1,700	2,632	4.7	7.9	12.2	11.4	15.3
	12	12	-	-	24	12,000	12,000	-	-	14,400	4.2	24,000	7.1	26,400	7.8	1,116	1,860	2,830	5.2	8.6	13.1	11.9	15.7
	9	18	-	-	27	9,000	18,000	-	-	16,200	4.8	27,000	7.9	29,700	8.7	1,320	2,200	3,270	6.1	10.2	15.2	11.3	16.4
	12	18	-	-	30	11,600	17,400	-	-	17,400	5.1	29,000	8.5	32,000	9.4	1,758	2,930	3,710	8.2	13.6	17.2	8.9	16.4
	18	18	-	-	36	16,500	16,500	-	-	19,800	5.8	33,000	9.7	35,000	10.3	2,160	3,600	3,920	10.0	16.7	18.2	8.2	16.4
3 UNIT	9	9	9	-	27	9,000	9,000	9,000	-	16,200	4.8	27,000	7.9	29,700	8.7	1,320	2,200	3,270	6.1	10.2	15.2	11.8	16.8
	9	9	12	-	30	9,000	9,000	12,000	-	18,000	5.3	30,000	8.8	33,000	9.7	1,758	2,930	3,710	8.2	13.6	17.2	9.7	16.8
	9	12	12	-	33	8,618	11,491	11,491	-	18,960	5.6	31,600	9.3	34,500	10.1	1,992	3,320	3,815	9.2	15.4	17.7	9.0	16.8
	12	12	12	-	36	10,767	10,767	10,767	-	19,380	5.7	32,300	9.5	36,000	10.6	2,160	3,600	3,920	10.0	16.7	18.2	8.5	16.8
	9	9	18	-	36	8,075	8,075	16,150	-	19,380	5.7	32,300	9.5	36,000	10.6	2,160	3,600	3,920	10.0	16.7	18.2	8.5	17.0
	9	12	18	-	39	7,454	9,938	14,908	-	19,380	5.7	32,300	9.5	36,000	10.6	2,160	3,600	3,920	10.0	16.7	18.2	8.5	17.0
	12	12	18	-	42	9,229	9,229	13,843	-	19,380	5.7	32,300	9.5	36,000	10.6	2,160	3,600	3,920	10.0	16.7	18.2	8.5	17.0
	9	18	18	-	45	6,460	12,920	12,920	-	19,380	5.7	32,300	9.5	36,000	10.6	2,160	3,600	3,920	10.0	16.7	18.2	8.5	17.0
	12	18	18	-	48	8,075	12,113	12,113	-	19,380	5.7	32,300	9.5	36,000	10.6	2,160	3,600	3,920	10.0	16.7	18.2	8.5	17.0
4 UNIT	9	9	9	9	36	8,075	8,075	8,075	8,075	19,380	5.7	32,300	9.5	36,000	10.6	2,250	3,750	3,920	10.4	17.4	18.2	8.6	18.0
	9	9	9	12	39	7,454	7,454	7,454	9,938	19,380	5.7	32,300	9.5	36,000	10.6	2,250	3,750	3,920	10.4	17.4	18.2	8.6	18.0
	9	9	12	12	42	6,921	6,921	9,229	9,229	19,380	5.7	32,300	9.5	36,000	10.6	2,250	3,750	3,920	10.4	17.4	18.2	8.6	18.0
	9	12	12	12	45	6,460	8,613	8,613	8,613	19,380	5.7	32,300	9.5	36,000	10.6	2,250	3,750	3,920	10.4	17.4	18.2	8.6	18.0
	9	9	9	18	45	6,460	6,460	6,460	12,920	19,380	5.7	32,300	9.5	36,000	10.6	2,250	3,750	3,920	10.4	17.4	18.2	8.6	18.0
	12	12	12	12	48	8,075	8,075	8,075	8,075	19,380	5.7	32,300	9.5	36,000	10.6	2,250	3,750	3,920	10.4	17.4	18.2	8.6	18.0

Heating

UNIT	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 Btu/h	Min kW	Middle Btu/h	Middle kW	Max Btu/h	Max kW	Input Min	Input Middle	Input Max	Current Min	Current Middle	Current Max	COP	HSPF
2 UNIT	9	9	-	-	18	10,350	10,350	-	-	12,420	3.7	20,700	6.1	22,770	6.7	1,554	2,590	3,090	7.2	12.0	14.3	2.3	8.5
	9	12	-	-	21	10,329	13,771	-	-	14,460	4.3	24,100	7.1	26,510	7.8	1,608	2,680	3,100	7.5	12.4	14.4	2.6	8.5
	12	12	-	-	24	13,800	13,800	-	-	16,560	4.9	27,600	8.1	30,360	8.9	1,662	2,770	3,300	7.7	12.8	15.3	2.9	8.5
	9	18	-	-	27	10,000	20,000	-	-	18,000	5.3	30,000	8.8	33,000	9.7	1,770	2,950	3,500	8.2	13.7	16.2	3.0	8.7
	12	18	-	-	30	13,200	19,800	-	-	19,800	5.8	33,000	9.7	36,300	10.7	1,878	3,130	4,010	8.7	14.5	18.6	3.1	8.7
	18	18	-	-	36	17,000	17,000	-	-	20,400	6.0	34,000	10.0	37,400	11.0	2,166	3,610	4,010	10.0	16.7	18.6	2.8	8.7
3 UNIT	9	9	9	-	27	10,333	10,333	10,333	-	18,600	5.5	31,000	9.1	34,100	10.0	1,800	3,000	3,500	8.3	13.9	16.2	3.0	8.9
	9	9	12	-	30	10,200	10,200	13,600	-	20,400	6.0	34,000	10.0	37,400	11.0	1,932	3,220	4,000	9.0	14.9	18.6	3.1	8.9
	9	12	12	-	33	9,545	12,727	12,727	-	21,000	6.2	35,000	10.3	38,500	11.3	2,076	3,460	4,050	9.6	16.0	18.8	3.0	8.9
	12	12	12	-	36	11,800	11,800	11,800	-	21,240	6.2	35,400	10.4	41,000	12.1	2,220	3,700	4,100	10.3	17.2	18.8	2.8	8.9
	9	9	18	-	36	8,850	8,850	17,700	-	21,240	6.2	35,400	10.4	41,000	12.1	2,220	3,700	4,100	10.3	17.2	18.8	2.8	9.1
	9	12	18	-	39	8,169	10,892	16,338	-	21,240	6.2	35,400	10.4	41,000	12.1	2,220	3,700	4,100	10.3	17.2	18.8	2.8	9.1
	12	12	18	-	42	10,114	10,114	15,171	-	21,240	6.2	35,400	10.4	41,000	12.1	2,220	3,700	4,100	10.3	17.2	18.8	2.8	9.1
	9	18	18	-	45	7,080	14,160	14,160	-	21,240	6.2	35,400	10.4	41,000	12.1	2,220	3,700	4,100	10.3	17.2	18.8	2.8	9.1
	12	18	18	-	48	8,850	13,275	13,275	-	21,240	6.2	35,400	10.4	41,000	12.1	2,220	3,700	4,100	10.3	17.2	18.8	2.8	9.1
4 UNIT	9	9	9	9	36	8,850	8,850	8,850	8,850	21,240	6.2	35,400	10.4	42,000	12.3	2,220	3,700	4,100	10.3	17.2	18.8	2.8	9.1
	9	9	9	12	39	8,169	8,169	8,169	10,892	21,240	6.2	35,400	10.4	42,000	12.3	2,220	3,700	4,100	10.3	17.2	18.8	2.8	9.1
	9	9	12	12	42	7,586	7,586	10,114	10,114	21,240	6.2	35,400	10.4	42,000	12.3	2,220	3,700	4,100	10.3	17.2	18.8	2.8	9.1
	9	12	12	12	45	7,080	9,440	9,440	9,440	21,240	6.2	35,400	10.4	42,000	12.3	2,220	3,700	4,100	10.3	17.2	18.8	2.8	9.1
	9	9	9	18	45	7,080	7,080	7,080	14,160	21,240	6.2	35,400	10.4	42,000	12.3	2,220	3,700	4,100	10.3	17.2	18.8	2.8	9.1
	12	12	12	12	48	8,850	8,850	8,850	8,850	21,240	6.2	35,400	10.4	42,000	12.3	2,220	3,700	4,100	10.3	17.2	18.8	2.8	9.1

Combination Table :

■ Ducted type indoor unit

Cooling

UNIT	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 Btu/h	Min kW	Middle Btu/h	Middle kW	Max Btu/h	Max kW	Input Min	Input Middle	Input Max	Current Min	Current Middle	Current Max	EER	SEER
2 UNIT	9	9	-	-	18	9,000	9,000	-	-	10,800	3.2	18,000	5.3	19,800	5.8	980	1,630	2,560	4.5	7.6	11.9	10.0	14.3
	9	12	-	-	21	9,000	12,000	-	-	12,600	3.7	21,000	6.2	23,100	6.8	1,080	1,790	2,760	5.0	8.3	12.8	10.7	14.5
	12	12	-	-	24	12,000	12,000	-	-	14,400	4.2	24,000	7.1	26,400	7.8	1,170	1,950	2,970	5.4	9.0	13.8	11.3	14.9
	9	18	-	-	27	9,000	18,000	-	-	16,200	4.8	27,000	7.9	29,700	8.7	1,390	2,310	3,430	6.4	10.7	15.9	10.7	15.6
	12	18	-	-	30	11,600	17,400	-	-	17,400	5.1	29,000	8.5	32,000	9.4	1,660	2,960	3,900	7.7	13.7	18.1	9.8	15.6
	18	18	-	-	36	16,500	16,500	-	-	19,800	5.8	33,000	9.7	35,000	10.3	2,230	3,800	4,010	10.3	17.6	18.6	8.7	15.6
3 UNIT	9	9	9	-	27	9,000	9,000	9,000	-	16,200	4.8	27,000	7.9	29,700	8.7	1,390	2,310	3,430	6.4	10.7	15.9	11.7	16.0
	9	9	12	-	30	9,000	9,000	12,000	-	18,000	5.3	30,000	8.8	33,000	9.7	1,660	2,960	3,900	7.7	13.7	18.1	10.1	16.0
	9	12	12	-	33	8,618	11,491	11,491	-	18,960	5.6	31,600	9.3	34,500	10.1	1,900	3,370	4,010	8.8	15.6	18.6	9.4	16.0
	12	12	12	-	36	11,000	11,000	11,000	-	19,800	5.8	33,000	9.7	36,000	10.6	2,230	3,800	4,010	10.3	17.6	18.6	8.7	16.0
	9	9	18	-	36	8,250	8,250	16,500	-	19,800	5.8	33,000	9.7	36,000	10.6	2,230	3,800	4,010	10.3	17.6	18.6	8.7	16.2
	9	12	18	-	39	7,615	10,154	15,231	-	19,800	5.8	33,000	9.7	36,000	10.6	2,230	3,800	4,010	10.3	17.6	18.6	8.7	16.2
	12	12	18	-	42	9,429	9,429	14,143	-	19,800	5.8	33,000	9.7	36,000	10.6	2,230	3,800	4,010	10.3	17.6	18.6	8.7	16.2
	9	18	18	-	45	6,600	13,200	13,200	-	19,800	5.8	33,000	9.7	36,000	10.6	2,230	3,800	4,010	10.3	17.6	18.6	8.7	16.6
	12	18	18	-	48	8,250	12,375	12,375	-	19,800	5.8	33,000	9.7	36,000	10.6	2,230	3,800	4,010	10.3	17.6	18.6	8.7	16.6
4 UNIT	9	9	9	9	36	8,250	8,250	8,250	8,250	19,800	5.8	33,000	9.7	36,000	10.6	2,230	3,800	4,010	10.3	17.6	18.6	8.7	17.0
	9	9	9	12	39	7,615	7,615	7,615	10,154	19,800	5.8	33,000	9.7	36,000	10.6	2,230	3,800	4,010	10.3	17.6	18.6	8.7	17.0
	9	9	12	12	42	7,071	7,071	9,429	9,429	19,800	5.8	33,000	9.7	36,000	10.6	2,230	3,800	4,010	10.3	17.6	18.6	8.7	17.0
	9	12	12	12	45	6,600	8,800	8,800	8,800	19,800	5.8	33,000	9.7	36,000	10.6	2,230	3,800	4,010	10.3	17.6	18.6	8.7	17.0
	9	9	9	18	45	6,600	6,600	6,600	13,200	19,800	5.8	33,000	9.7	36,000	10.6	2,230	3,800	4,010	10.3	17.6	18.6	8.7	17.0
	12	12	12	12	48	8,250	8,250	8,250	8,250	19,800	5.8	33,000	9.7	36,000	10.6	2,230	3,800	4,010	10.3	17.6	18.6	8.7	17.0

Heating

UNIT	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 Btu/h	Min kW	Middle Btu/h	Middle kW	Max Btu/h	Max kW	Input Min	Input Middle	Input Max	Current Min	Current Middle	Current Max	COP	HSPF
2 UNIT	9	9	-	-	18	10,350	10,350	-	-	12,420	3.7	20,700	6.1	22,770	6.7	1,480	2,460	2,940	6.9	11.4	13.6	2.5	8.1
	9	12	-	-	21	10,350	13,800	-	-	14,490	4.3	24,150	7.1	26,560	7.8	1,530	2,550	2,950	7.1	11.8	13.7	2.8	8.1
	12	12	-	-	24	13,800	13,800	-	-	16,560	4.9	27,600	8.1	30,360	8.9	1,580	2,630	3,140	7.3	12.2	14.6	3.1	8.1
	9	18	-	-	27	10,350	20,700	-	-	18,630	5.5	31,050	9.1	34,150	10.0	1,680	2,800	3,330	7.8	13.0	15.4	3.2	8.3
	12	18	-	-	30	13,340	20,010	-	-	20,010	5.9	33,350	9.8	36,680	10.8	1,780	2,970	3,810	8.3	13.8	17.7	3.3	8.3
	18	18	-	-	36	18,975	18,975	-	-	22,770	6.7	37,950	11.2	40,000	11.8	2,060	3,430	3,810	9.6	15.9	17.7	3.2	8.3
3 UNIT	9	9	9	-	27	10,350	10,350	10,350	-	18,630	5.5	31,050	9.1	35,700	10.5	1,710	2,850	3,330	7.9	13.2	15.4	3.2	8.5
	9	9	12	-	30	10,350	10,350	13,800	-	20,700	6.1	34,500	10.1	38,640	11.4	1,840	3,060	3,800	8.5	14.2	17.6	3.3	8.5
	9	12	12	-	33	9,911	13,215	13,215	-	21,804	6.4	36,340	10.7	39,820	11.7	1,970	3,290	3,850	9.1	15.3	17.9	3.2	8.5
	12	12	12	-	36	12,333	12,333	12,333	-	22,200	6.5	37,000	10.9	41,000	12.1	2,110	3,520	3,900	9.8	16.3	18.1	3.1	8.5
	9	9	18	-	36	9,250	9,250	18,500	-	22,200	6.5	37,000	10.9	41,000	12.1	2,110	3,520	3,900	9.8	16.3	18.1	3.1	8.6
	9	12	18	-	39	8,538	11,385	17,077	-	22,200	6.5	37,000	10.9	41,300	12.1	2,110	3,520	3,900	9.8	16.3	18.1	3.1	8.6
	12	12	18	-	42	10,571	10,571	15,857	-	22,200	6.5	37,000	10.9	41,600	12.2	2,110	3,520	3,900	9.8	16.3	18.1	3.1	8.6
	9	18	18	-	45	7,400	14,800	14,800	-	22,200	6.5	37,000	10.9	42,000	12.3	2,110	3,520	3,900	9.8	16.3	18.1	3.1	8.9
	12	18	18	-	48	9,250	13,875	13,875	-	22,200	6.5	37,000	10.9	42,300	12.4	2,110	3,520	3,900	9.8	16.3	18.1	3.1	8.9
4 UNIT	9	9	9	9	36	9,250	9,250	9,250	9,250	22,200	6.5	37,000	10.9	41,000	12.1	2,110	3,520	3,900	9.8	16.3	18.1	3.1	9.0
	9	9	9	12	39	8,538	8,538	8,538	11,385	22,200	6.5	37,000	10.9	42,300	12.4	2,110	3,520	3,900	9.8	16.3	18.1	3.1	9.0
	9	9	12	12	42	7,929	7,929	10,571	10,571	22,200	6.5	37,000	10.9	41,600	12.2	2,110	3,520	3,900	9.8	16.3	18.1	3.1	9.0
	9	12	12	12	45	7,400	9,867	9,867	9,867	22,200	6.5	37,000	10.9	42,000	12.3	2,110	3,520	3,900	9.8	16.3	18.1	3.1	9.0
	9	9	9	18	45	7,400	7,400	7,400	14,800	22,200	6.5	37,000	10.9	42,000	12.3	2,110	3,520	3,900	9.8	16.3	18.1	3.1	9.0
	12	12	12	12	48	9,250	9,250	9,250	9,250	22,200	6.5	37,000	10.9	42,000	12.3	2,110	3,520	3,900	9.8	16.3	18.1	3.1	9.0