

COOLING EQUIPMENT SCROLL PACK UNITS

2 – 15 HORSE POWER

STANDARD FEATURES

- High efficiency scroll compressors
- Compressor sump heater and isolation valves
- Condenser fan speed controller
- Heldon suction accumulator
- Heldon oil separator with oil outlet isolation valve
- Heldon liquid receiver with inlet/outlet isolation valves
- Suction check valve
- External mains isolating switch
- External liquid and suction isolation valves
- Dual pressure switch
- Low noise condenser fan motors
- Fully wired ready for mains connection



UNIT MODEL	COMPRESSOR	POWER SUPPLY Vac	NOMINAL HORSE POWER	CAPACITY KW				
				R449a		R407f		R134a
				-5 SST	-25 SST	-5 SST	-25 SST	-5 SST
1PAD020LM1	MLZ15T5	230 Vac	2	4.2	1.8	4.4	1.9	2.7
1PAD025LM1	MLZ19T5	230 Vac	2.5	5.2	2.3	5.5	2.4	3.5
1PAD030LM1	MLZ21T5	230 Vac	3	5.6	2.5	5.9	2.5	3.6
1PAD030LM3	MLZ21T4	400 Vac	3	5.6	2.5	5.9	2.5	3.6
1PAD036LM1	MLZ26T5	230 Vac	3.6	7.3	3.0	7.6	3.0	4.5
1PAD036LM3	MLZ26T4	400 Vac	3.6	7.3	3.0	7.6	3.0	4.5
1PAD040LM3	MLZ30T4	400 Vac	4	8.6	3.8	9	4.1	5.4
2PAD050LM3	MLZ38T4	400 Vac	5	9.8	4.5	10.1	4.7	6.4
2PAD060LM3	MLZ45T4	400 Vac	6	12.2	5.4	12.7	5.6	7.9
2PAD070LM3	MLZ48T4	400 Vac	7	13.1	5.9	13.5	6.9	8.4
2PAD075LM3	MLZ58T4	400 Vac	7.5	15.4	6.9	15.9	6.9	10
2PAD090LM3	MLZ66T4	400 Vac	9	17.9	8.0	18.5	8.1	11.6
2PAD100LM3	MLZ76T4	400 Vac	10	19.4	8.3	20.4	8.4	12.9
PA130LMU3	ZB95KQE-TFD	400 Vac	13	26.6	10	28.9	N/A	16.5
PA150LMU3	ZB114K5E-TFD	400 Vac	15	32	11.95	34	N/A	19.7

* - 5 SST Design conditions, +32 ambient, 10 K superheat at compressor, 5 K useful superheat, 3 K sub cooling

* -25 SST Design conditions, +32 ambient 10 K superheat at compressor, 5 K useful superheat, 3 K sub cooling

* Suction superheat not to exceed 10 K for -25 SST operation

TECHNICAL DATA

UNIT MODEL	COMPRESSOR			CONDENSER FANS				WEIGHT KG	CONNECTIONS		RECEIVER LITRES	DIMENSIONS		
	Phase	FLA	LRA	Number	Dia	Phase	FLA		SUCTION	LIQUID		L	W	H
1PAD020LM1	1	12.2	60	1	400	1	0.41	106	3/4"	3/8"	4.4	1148	450	809
1PAD025LM1	1	14.7	97	1	400	1	0.41	105	3/4"	3/8"	4.4	1148	450	809
1PAD030LM1	1	16	97	1	450	1	0.52	122	3/4"	3/8"	8.2	1233	500	857
1PAD030LM3	3	6.1	45	1	450	1	0.52	122	3/4"	3/8"	8.2	1233	500	857
1PAD036LM1	1	16.7	97	1	450	1	0.52	124	3/4"	1/2"	8.2	1233	500	857
1PAD036LM3	3	6.4	45	1	450	1	0.52	124	3/4"	1/2"	8.2	1233	500	857
1PAD040LM3	3	8.3	60	1	450	1	0.52	134	7/8"	1/2"	8.2	1233	500	857
2PAD050LM3	3	9.6	70	2	400	1	0.82	159	7/8"	1/2"	10.9	1233	500	1157
2PAD060LM3	3	9.6	82	2	400	1	0.82	161	7/8"	1/2"	10.9	1233	500	1157
2PAD070LM3	3	10.3	87	2	400	1	0.82	169	7/8"	5/8"	10.9	1382	540	1164
2PAD075LM3	3	12.8	95	2	400	1	0.82	173	1-1/8"	5/8"	10.9	1382	540	1164
2PAD090LM3	3	16	110	2	450	1	1.04	210	1-1/8"	5/8"	14.5	1423	540	1365
2PAD100LM3	3	19.2	140	2	450	1	1.04	221	1-1/8"	5/8"	14.5	1732	540	1364
PA130LMU3	3	31	140	2	560	3	0.7	245	1-3/8"	5/8"	27	1640	755	1790
PA150LMU3	3	33.5	174	2	630	3	1.55	280	1-3/8"	7/8"	27	1640	910	1955

