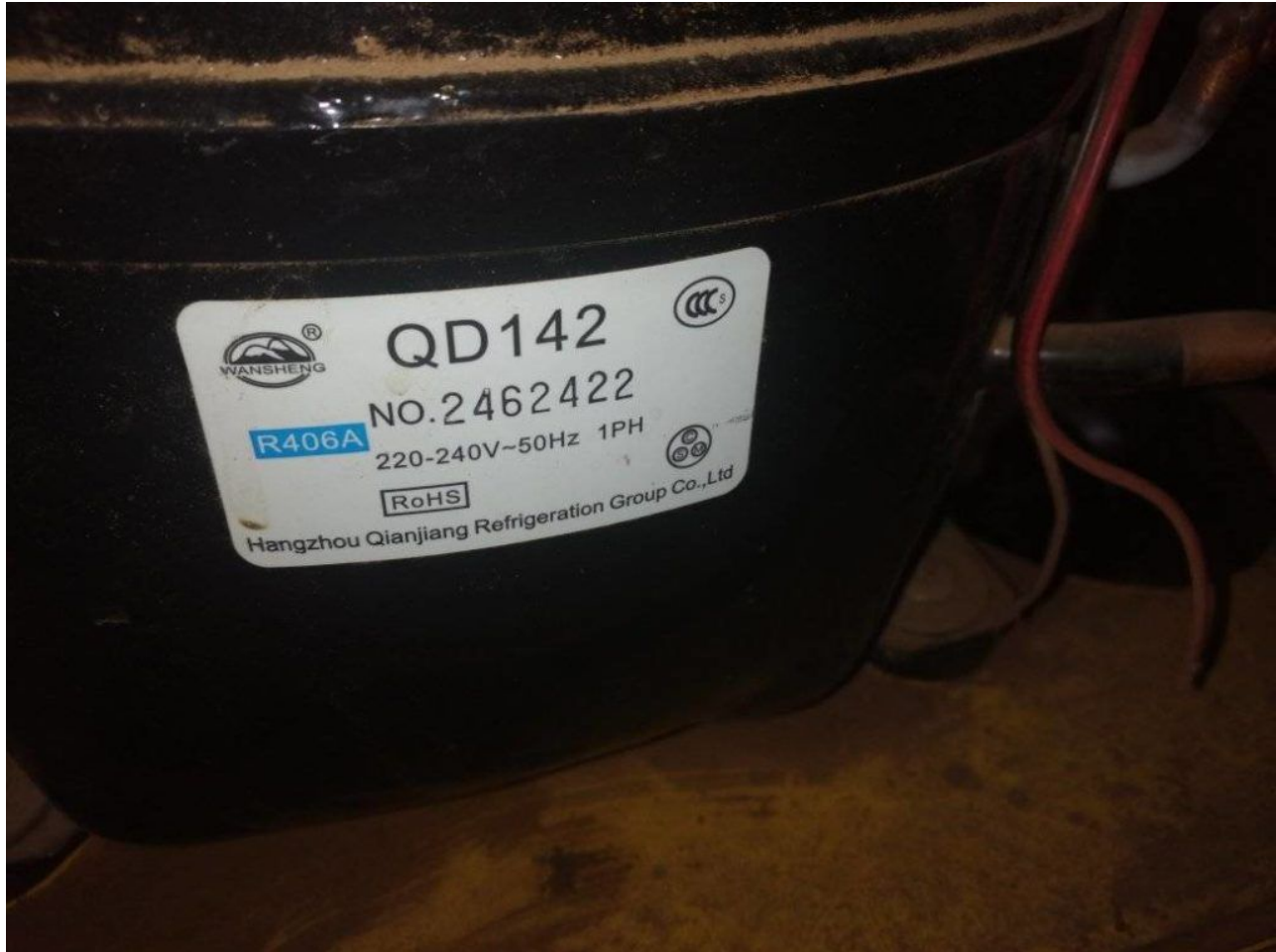


Mbsm.pro, Compressor, Westron, QD142H, LBP, 3/8 hp, 333 w, 220-240V/50Hz

Category: Archivation,compressor

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test Conditions
Evap. Temp.: -23.3° C
Cond. Temp.: 54.4° C
Amb. Temp.: 32.2° C
Suction. Temp.: 32.2° C
Subcooling Temp.: 32.2° C
LBP ASHRAE
Model: QD142
Power Supply: 220-240V/50Hz
Displacement (cm³): 14.2
Cooling Capacity (W): 333
Rated Power (W): 280
Nominal power (HP): 1/3+
COP (W/W): 1.19
Rated Current (A): 2.1
Motor Type: CSIR
Capacitor (1½ F): 80(start)
Starting Relay: QD142
Cooling Type: F
Packing (PCS/pallet): 80
1A- 20'FCL(PCS): 1600
Characteristics
1. Strong load capacity
2. High efficiency & reliability
3. Reliable starting performance
4. Low sound
Application
LBP, cabinet, freezer, display cabinet and other medium and large sized refrigeration machines.

R600a technical parameter

Model	Power Supply	Displacement	Cooling capacity	Rated Power	COP	Rated Current	Motor Type	Cooling Type
	V/Hz	cm3	w	w	w/w	A		
QD128Y	220-240V/50Hz	12.8	210	150	1.4	1.0	RSIR	F1
QD142Y	220-240V/50Hz	14.2	232	166	1.4	1.1	RSIR	F1
QD153Y	220-240V/50Hz	15.3	250	172	1.45	1.2	RSIR	F1

R134a technical parameter

Model	Power Supply	Displacement	Cooling capacity	Rated Power	COP	Rated Current	Motor Type	Cooling Type
	V/Hz	cm3	w	w	w/w	A		
QD110H	220-240V/50Hz	11.0	258	240	1.07	2.0	RSIR	F1
QD128H	220-240V/50Hz	12.8	280	265	1.05	2.35	RSIR	F1
QD142H	220-240V/50Hz	14.2	305	285	1.07	2.6	CSIR	F1

R406a technical parameter

Model	Power Supply	Displacement	Cooling capacity	Rated Power	COP	Rated Current	Motor Type	Cooling Type
	V/Hz	cm3	w	w	w/w	A		
QD110	220-240V/50Hz	11.0	271	232	1.17	1.6	RSIR	F
QD128	220-240V/50Hz	12.8	306	260	1.18	2.0	RSIR	F
QD142	220-240V/50Hz	14.2	333	280	1.19	2.1	CSIR	F

QD series Compressor For Refrigerator R134a

QD series LBP refrigerator compressor

The refrigeration is R134a, suitable for water dispenser or water cooler, small refrigerator and other small refrigeration appliances. The structure form is crank connection-rod reciprocating piston type, and employing indirect & semi-direct inlet. The QD series compressor belongs to the hermetical piston rod type of electromotor driver. It adopts PTC starter or starting relay, and matches overload protection inside. Widely used for refrigerating show box and fin, for family and business refrigerator, freezing refrigeration, dehumidifier etc.

Test Conditions:

Evaoprating Temp:-23.3℃

Ambient Temp:32.2℃

Suction Temp:32.2℃

Subcooling Temp:32.2℃

Condensing Temp:54.4℃

R12/R134A/R406-LBP compressor performance parameter

Series	Model	HP	Displacement (cm)	Cooling Capacity (W)	Input Power (W)	C.O.P	Current (A)	Cooling Type	Motor Type
QD Series 220V 50/60Hz	QD43	1/6-4.3	120	112	1.07	1.05	ST	RSIR	
	QD53	1/65.3	136	127	1.07	1.25	ST	RSIR	
	QD59	1/6+5.9	145	142	1.02	1.35	ST	RSIR	
	QD70	1/57.0	160	152	1.05	1.4	ST	RSIR	
	QD90	1/49.0	180	161	1.12	1.5	ST/OC	RSIR	
	QD98	1/4+9.8	207	185	1.12	1.7	ST/OC	RSIR	
	QD120	1/312.0	265	237	1.12	1.85	ST/OC	RSIR	
	QD142	3/814.2	324	279	1.16	1.95	ST/OC	RSIR	
	QD167	1/216.7	375	329	1.04	2.05	ST/OC	RSIR	
	QD43M	1/6-4.3	117	111	1.05	1.02	ST	RSIR	
QD Series 240V /50Hz	QD53M	1/65.3	134	125	1.07	1.23	ST	RSIR	
	QD59M	1/6+5.9	142	135	1.05	1.28	ST	RSIR	
	QD70M	1/57.0	158	151	1.05	1.32	ST	RSIR	
	QD90M	1/49.0	178	159	1.12	1.38	ST/OC	RSIR	
	QD98M	1/4+9.8	205	183	1.12	1.65	ST/OC	RSIR	
	QD120M	1/312.0	263	235	1.12	1.83	ST/OC	RSIR	
	QD142M	3/814.2	322	278	1.16	1.96	ST/OC	RSIR	
	QD167M	1/216.7	373	327	1.14	2.02	ST/OC	RSIR	
	QD43U6	1/6-4.3	126	115	1.10	1.05	ST	RSIR	
	QD53U6	1/65.3	143	128	1.12	1.26	ST	RSIR	
QD Series 115v/60Hz	QD59U6	1/6+5.9	153	137	1.12	1.3	ST	RSIR	
	QD70U6	1/57.0	168	146	1.15	1.35	ST	RSIR	
	QD90U6	1/49.0	189	164	1.15	1.52	ST/OC	RSIR	
	QD98U6	1/4+9.8	218	195	1.12	1.86	ST/OC	RSIR	
	QD120U6	1/312.0	278	242	1.15	1.96	ST/OC	RSIR	
	QD142U6	3/814.2	340	296	1.15	2.01	ST/OC	RSIR	
	QD167U6	1/216.7	394	343	1.15	2.2	ST/OC	RSIR	
	QD43T6	1/6-4.3	124	113	1.1	1.03	ST	RSIR	
	QD53T6	1/65.3	145	129	1.12	1.25	ST	RSIR	
	QD59T6	1/6+5.9	155	138	1.12	1.32	ST	RSIR	
QD Series 110V/60Hz	QD70T6	1/57.0	170	148	1.15	1.36	ST	RSIR	
	QD90T6	1/49.0	191	166	1.15	1.55	ST/OC	RSIR	
	QD98T6	1/4+9.8	220	196	1.12	1.87	ST/OC	RSIR	
	QD120T6	1/312.0	280	243	1.15	1.98	ST/OC	RSIR	
	QD142T6	3/814.2	343	298	1.15	2.02	ST/OC	RSIR	
	QD167T6	1/216.7	398	346	1.15	2.23	ST/OC	RSIR	
	QD43J6	1/6-4.3	122	109	1.12	1.02	ST	RSIR	
	QD53J6	1/65.3	142	127	1.12	1.25	ST	RSIR	
	QD59J6	1/6+5.9	152	132	1.15	1.29	ST	RSIR	
	QD70J6	1/57.0	165	143	1.15	1.34	ST	RSIR	
QD Series 110V/60Hz	QD90J6	1/49.0	186	162	1.15	1.52	ST/OC	RSIR	
	QD98J6	1/4+9.8	216	193	1.12	1.82	ST/OC	RSIR	
	QD120J6	1/312.0	275	239	1.15	1.95	ST/OC	RSIR	
	QD142J6	3/814.2	337	293	1.15	2.02	ST/OC	RSIR	
	QD167J6	1/216.7	390	339	1.15	2.15	ST/OC	RSIR	

Features

1. Environmentally friendly refrigerant
2. High efficiency, Low consumption
3. High quality, Low price.
4. Good reliability, Low noise

Model	Refrigerant	BTU	Horse Power
QD55	R600A	125	2/7HP
QD65	R600A	158	1/5HP
QD75	R600A	176	1/5HP
QD91	R600A	216	1/4HP
QD110	R600A	271	1/3HP
QD128	R600A	306	3/8HP
QD142	R600A	333	2/5HP
QD168	R600A	380	1/2HP
QD180	R600A	440	1/2HP
QD210	R600A	510	3/5HP
QD65H	R134A	167	1/5HP
QD75H	R134A	189	1/5HP
QD91H	R134A	228	1/4HP
QD110H	R134A	283	1/3HP
QD128H	R134A	321	3/8HP
QD142H	R134A	347	2/5HP

