

tempblue™

DUCTED **INVERTER AC SYSTEM**
UP TO 16 SEER



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AHRI CERTIFIED®
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INVERTER



➔ **Expansion device**
Reliable TXV expansion device

➔ **Coil**
High efficient "A" shape coils, constructed with copper tubing and enhanced aluminum fins.

➔ **Motor**
Direct drive, ECM motors, 3-speed, provide selections of air flow to meet desired applications.

➔ **Drainage design**
Primary and secondary drain connections. Non-corrosive, composite drain pans.

➔ **Blower**
Φ10.8" large fan for proper airflow. Slide out blower assembly for easy maintenance.

➔ **Multi-position installation**
Versatile multi-poise design for up-flow, downflow, horizontal right, or horizontal left, airflow.

Indoor Unit Model		UTB418B-T036EM3G1C	UTB418B-T060EM3G1C
Power supply		V/Ph/Hz	208/230V-1Ph-60Hz
Indoor coil	Number of rows		4x2
	Tube outside dia. / Type		7mm / Rifled tube
	Fin spacing / Thickness / Type	mm / mm	1.6 / 0.095 / Non-hydrophilic louvered fin
Indoor motor	Type		ECM
	Rated output	HP	1/2
	Rated RPM	r/min	1050
	FLA		1.4
Indoor fan	material		Galvanized plate
	Type		Centrifugal
	Diameter	inch	11
	Height	inch	10-5/8
Indoor air flow		CFM	1100
ESP		Pa	37.5
Indoor noise level		dB(A)	48
Metering device	Expansion device		TXV
Electrical Data	Voltage-Phase-Hz	V-Ph-Hz	208/230V 1Ph 60Hz
	Minimum Circuit Ampacity		2
	Max. Overcurrent Protection		3
	Min / Max Volts	V	187 / 253
Indoor unit	Dimension (WxHxD)	mm	500x1162x560
		in.	19-5/8x45-3/4x22
	Packing (WxHxD)	mm	580x1210x650
		in.	22-5/6x47-5/8x25-3/5
	Net / Gross weight	kg	59 / 65
		lbs	130 / 143
Refrigerant piping Liquid side / Gas side		in.	3/8 / 3/4
Shipping per STD40HQ			120
			54



- R-410A environmentally friendly refrigerant.
- Painted galvanized steel cabinet.
- Louvered steel coil guard
- 24VAC low voltage control
- Wide operation temperature range
- Golden Anticorrosion Protection

Outdoor Unit Model			TBA416A-X036-V3G1C	TBA416A-X060-V3G1C	
Power supply		V/Ph/Hz	208~230-1-60		
Cooling	Capacity	Btu/h	36000	55000	
	Capacity	W	10550	16100	
	Input	W	4000	5500	
	Rated current	A	19	30	
	SEER			16	16
	EER	Btu/h.W	9.00	10.00	
	EER	W/W	2.64	2.93	
Input consumption		W	600-4000	600-5500	
Current		A	2.5-19	2.5-30	
Outdoor coil	Number of row		1	2	
	Fin spacing	mm	1.4		
	Fin material		Unhydrophilic aluminum		
	Tube outside diameter	mm	φ7		
	Tube type /material		Copper / Inner grooved		
	Coil length x height x width	mm	2148x588x13.37	2136x798x26.76	
	Number of circuit		4	8	
Compressor	Brand		GMCC	Mitsubishi	
	Model		ATM240D57UFT	MNB40FEQMC	
	Type		Twin-rotary	Twin-rotary	
	Capacity	W/h	7190	12900	
	Input	W	1935	3960	
	Rated current(RLA)	A	8.85	14.8	
	Refrigerant oil	ml	670	1100	
Outdoor fan motor	Brand		lvzhi	SINJUN	
	Qty		1		
	Model		YDK-110-8P2	YDK-230-6P2	
	Output	W	110.00	230.00	
	Output	W	38	200	
	Capacitor	μF	6μF/450V	12μF/450V	
	Speed	r/min	850	1100	
Outdoor air flow		m ³ /h	4500	6000	
Outdoor noise level		dB(A)	57	60	
Outdoor dimension	Unit (WxHxD)	mm	740x740x635	740x740x835	
	Packing (WxHxD)	mm	760x760x660	760x760x875	
Net/Gross weight		kg	66/70	80/85	
Refrigerant	Type		R410A		
	Charge	kg	2.2	3.8	
Refrigerant pipe	Liquid side/ Gas side	mm(inch)	3/8" / 3/4"		
	Max. refrigerant pipe length	m	25	30	
	Max. difference in level	m	20	20	
Operation temperature range		°C	16~32		
Ambient temperature range		°C	16~50		