

PURCHASER	P.O. #	DATE
PROJECT	LOCATION	
ENGINEER	ARCHITECT	
SUBMITTED BY	FOR APPROVAL	FOR REFERENCE

ITEM	PLAN DESIGNATION	QUANTITY	COOLING BTU/H	VOLTAGE	FRIEDRICH MODEL

Features

- LCD remote for each indoor unit
- 24-hour timer and sleep timer
- Auto/cool/dry/fan/heat modes
- Four fan speeds heating or cooling: high/medium/low/quiet, plus auto-fan
- Continuous 'Air Sweep' UP/DOWN
- Auto-restart after power interruptions
- Auto-shut flaps close when unit is off for a sleeker appearance
- Washable, reusable air filters
- Removable front grille
- Auto-changeover (heat pump models)
- Secured remote control holder
- Four different transmitter codes to prevent unintentional interference with nearby units



All Inverter line



M36QYF

Specifications

PERFORMANCE RATINGS		
SYSTEM MODEL NO.		M36QYF
INDOOR MODEL		4 x MW09Y3FM
OUTDOOR MODEL		MR36TQY3F
Capacity Cooling	Btu	8800 ea.
CAPACITY COOLING MIN - MAX	Btu	5100-11300 ea.
SENSIBLE HEAT RATIO		0.71
CAPACITY HEATING @ 47°F	Btu	9500 ea.
CAPACITY HEATING MIN - MAX	Btu	5100-13000 ea.
CAPACITY HEATING @ 17°F	Btu	6600 ea.
HSPF		9.0
SEER		15.0
EER		8.8
ENERGY STAR		NO
MOISTURE REMOVAL	Pts/h	2.9 ea.
AIRFLOW (QUIET, LOW, MED, HIGH)	CFM	185,220,260,295
SOUND RATING - INDOOR	dB-A	27,29,33,37
SOUND RATING - OUTDOOR	dB-A	52
OPERATING RANGE (HEATING)	°F	0 - 115 (14 - 75)
EST. YEARLY OPERATING COST		\$312
ELECTRICAL DATA (ALL INDOOR UNITS RECEIVE POWER FROM OUTDOOR UNIT; VALUES LISTED ARE TOTAL)		
POWER SOURCE		230/(208)-60-1
MIN. AMPACITY	A	22.5
COOLING WATTS	W	3900
MAX. TD FUSE/BREAKER	A	30
REFRIGERATION SYSTEM		
REFRIGERANT		R410A
COMPRESSOR TYPE		Inverter
CONNECTIONS		Flare
LIQUID LINE O.D.	in	1/4"
SUCTION LINE O.D.	in	3/8"
FACTORY PRECHARGE	ft	165'
MAX. LINE LENGTH	ft	Each unit:82 Total:230
MAX. HEIGHT DIFFERENCE	ft	49'
DIMENSIONS & WEIGHT		
INDOOR UNIT		
W X H X D	in	31 1/8" x 10 7/8" x 8 1/2" ea.
NET WEIGHT	lbs	21 ea.
SHIPPING WEIGHT	lbs	26 ea.
OUTDOOR UNIT		
W X H X D	in	35 3/8" x 32 5/8" x 13"
NET WEIGHT	lbs	149
SHIPPING WEIGHT	lbs	167



NOTE: All models have low ambient capabilities built-in. Capacity is reduced as 0 degrees Fahrenheit is approached.

NOTE: All R410A models have 1/2" UNF 20 thread per inch charging and vacuuming ports. An adapter must be used for 1/4" gauges. Adapter part number 67270018 is available through Friedrich parts distributors.

Due to continuing research in new energy-saving technology, specifications are subject to change without notice.

Your operating costs will depend on your utility rates and use. The estimated operating cost is based on a electricity cost of \$.1065 per kWh. For more information, visit www.ftc.gov/energy.

Refrigeration line sets

USED WITH:	LENGTH-FT.	LIQUID	SUCTION	KIT#
All 9000 and 12000 Btu indoor units	15'	1/4"	3/8"	T32150
	35'	1/4"	3/8"	T32350
MW18Y3FM indoor units	15'	1/4"	1/2"	T42150
	35'	1/4"	1/2"	T42350



Insulated line sets are available for all Friedrich split systems in 15 ft. and 35 ft. lengths. Each line set is equipped with flare nuts on both ends. Both liquid and suction lines are insulated. Line sets can be joined together with field supplied double female connectors. Each system requires one line set for each indoor unit installed. On multi-zone systems, line sets should be ordered based on individual indoor unit capacities not total system capacity. For example, a M18DYF uses 2 line sets for 9,000 Btu units, not 1 for the 18,000 Btu product.

