

# Ductless Split Systems Wall-mounted, Dual Zone Heat Pump

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





MW18DYF, M21DYF M24DYF

#### All Inverter line





MR24DY3FM

### **Specifications**

SYSTEM MODEL NO.   M180YF						
NDOOR MODEL	PERFORMANCE RATINGS		1	T		
MR24DY3FM	SYSTEM MODEL NO.		M18DYF	M21	DYF	M24DYF
Capacity Cooling	INDOOR MODEL		2 x MW09Y3FM	MW09Y3FM	MW12Y3FM	2 x MW12Y3FM
CAPACITY COOLING MIN - MAX         Btu         \$100-11300 ea.         \$100-11300 ea.         \$100-13600 ea.         \$100-13600 ea.           SENSIBLE HEAT RATIO         0.77         0.71         0.70         0.0         0.0         0.0         0.0	OUTDOOR MODEL		MR24DY3FM	MR24E	Y3FM	MR24DY3FM
SENSIBLE HEAT RATIO	Capacity Cooling	Btu	9500 ea.	9500	12000	12000 ea.
CAPACITY HEATING @ 47°F   Btu   11000 ea.   11000 ea.   14000   14000 ea.	CAPACITY COOLING MIN - MAX	Btu	5100-11300 ea.	5100-11300 ea.	5100-13600 ea	5100-13600 ea
CAPACITY HEATING MIN - MAX         Btu         \$100-13000 ea.         \$100-13000 ea.         \$100-15400 ea.         \$100-15400 ea.           HSPF         9.0         9.0         9.0         9.0           HSPF         9.0         9.0         9.0           SEER         16.5         16.5         16.5           EER         12.2         11.2         10.4           ENERGY STAR         YES         NO         NO           MOISTURE REMOVAL         Pish         2.9 ea.         2.9 ea.         3.7 ea.         3.7 ea.           MOISTURE REMOVAL         Pish         185,220,260,295         185,220,260,295         125,250,305,355         215,250,305,355           SOUND RATING - INDOOR         dB-A         27,29,33,37         27,29,33,37         30,34,39,42         30,34,39,42           SOUND RATING - OUTDOOR         dB-A         52         52         52         52           OPERATIONG RANGE (HEATING)         "F         0-115 (14-75)         0-115 (14-75)         0-115 (14-75)           ELECTRICAL DATA (ALL INDOOR UNITS RECEIVE POWER FROM OUTDOOR UNIT, VALUES LISTED ARE TOTAL)         ***         ***           POWER SOURCE         2301(208)-60-1         2301(208)-60-1         2301(208)-60-1         2301(208)-60-1           <	SENSIBLE HEAT RATIO		0.77	0.77	0.77	0.77
CAPACITY HEATING @ 17°F	CAPACITY HEATING @ 47°F	Btu	11000 ea.	11000 ea.	14000	14000 ea.
HSPF	CAPACITY HEATING MIN - MAX	Btu	5100-13000 ea.	5100-13000 ea.	5100-15400 ea.	5100-15400 ea.
SEER	CAPACITY HEATING @ 17°F	Btu	9500 ea.	9500 ea.	11000	10500 ea.
EER	HSPF		9.0	9.	0	9.0
ENERGY STAR  YES  NO  NO  MOISTURE REMOVAL  PIs/h  2.9 ea.  2.9 ea.  3.7 ea.  3.7 ea.  3.7 ea.  3.7 ea.  3.7 ea.  AIRFLOW (QUIET, LOW, MED, HIGH)  CFM  185.220,260,295  185.220,260,295  215,250,305,355  215,250,305,355  SOUND RATING - INDOOR  dB-A  72,29,33,37  27,29,33,37  30,34,39,42  30,34,39,42  30,34,39,42  30,34,39,42  30,43,94,23  SOUND RATING - OUTDOOR  dB-A  52  52  OPERATIONG RANGE (HEATING)  F  0 - 115 (14 - 75)  0 - 115 (14 - 75)  0 - 115 (14 - 75)  EST. YEARLY OPERATING COST  \$128  \$152  \$152  \$184  ELECTRICAL DATA (ALL INDOOR UNITS RECEIVE POWER FROM OUTDOOR UNIT; VALUES LISTED ARE TOTAL)  POWER SOURCE  230/(208)-60-1  230/(208)-60-1  230/(208)-60-1  15  15  15  15  15  15  COOLING WATTS  W  1600  1900  2300  MAX. TD FUSE/BREAKER  A  20  20  20  20  REFRIGERANT  RA10A  R410A  R410A  R410A  COMPRESSOR TYPE  Inverter  Inverter  LQUID LINE O.D.  in  144  114  114  114  SUCTION LINE O.D.  in  388  388  388  388  388  388  388	SEER		16.5	16	.5	16.5
MOISTURE REMOVAL	EER		12.2	11	.2	10.4
AIRFLOW (QUIET, LOW, MED, HIGH)	ENERGY STAR		YES	N	0	NO
SOUND RATING - INDOOR         dB-A         27,29,33,37         27,29,33,37         30,34,39,42         30,34,39,42           SOUND RATING - OUTDOOR         dB-A         52         52         52         52           OPERATIONG RANGE (HEATING)         °F         0 - 115 (14 - 75)         0 - 115 (14 - 75)         0 - 115 (14 - 75)           EST, YEARLY OPERATING COST         \$128         \$152         \$152         \$184           ELECTRICAL DATA (ALL INDOOR UNITS RECEIVE POWER FROM OUTDOOR UNIT, VALUES LISTED ARE TOTAL)         VALUES LISTED ARE TOTAL)           POWER SOURCE         230/(208)-60-1         230/(208)-60-1         230/(208)-60-1           MIN. AMPACITY         A         15         15         15           COOLING WATTS         W         1600         1900         2300           MAX. TD FUSE/BREAKER         A         20         20         20           REFRIGERANT         R410A         R410A         R410A         R410A           COMPRESSOR TYPE         Inverter         Inverter         Inverter         Inverter         Flare         Plare         Flare         Flare	MOISTURE REMOVAL	Pts/h	2.9 ea.	2.9 ea	3.7 ea.	3.7 ea.
SOUND RATING - OUTDOOR   dB-A   52   52   52   52	AIRFLOW (QUIET, LOW, MED, HIGH)	CFM	185,220,260,295	185,220,260,295	215,250,305,355	215,250,305,355
OPERATIONG RANGE (HEATING)         °F         0 - 115 (14 - 75)         0 - 115 (14 - 75)         0 - 115 (14 - 75)           EST, YEARLY OPERATING COST         \$128         \$152         \$152         \$184           ELECTRICAL DATA (ALL INDOOR UNITS RECEIVE POWER FROM OUTDOOR UNIT, VALUES LISTED ARE TOTAL)         VALUES LISTED ARE TOTAL)         VALUES LISTED ARE TOTAL)           POWER SOURCE         230/(208)-60-1         230/(208)-60-1         230/(208)-60-1         230/(208)-60-1           MINI. AMPACITY         A         15         15         15           COOLING WATTS         W         1600         1900         2300           MAX. TD FUSE/BREAKER         A         20         20         20           REFRIGERATION SYSTEM         R410A         R410A         R410A         R410A           COMPRESSOR TYPE         Inverter         Inverter         Inverter         Inverter         Inverter         Inverter           CONNECTIONS         Flare         Flare         Flare         Flare         Flare         Flare         Flare         Flare         Flare         LIQUID LINE O.D.         in         3/8"         3/8"         3/8"         3/8"         3/8"         3/8"         3/8"         3/8"         3/8"         3/8"         3/8"         3/8"	SOUND RATING - INDOOR	dB-A	27,29,33,37	27,29,33,37	30,34,39,42	30,34,39,42
EST. YEARLY OPERATING COST  \$128  \$152  \$152  \$152  \$162  \$184  ELECTRICAL DATA (ALL INDOOR UNITS RECEIVE POWER FROM OUTDOOR UNIT; VALUES LISTED ARE TOTAL)  POWER SOURCE  230/(208)-60-1  MIN. AMPACITY  A  15  15  15  15  COOLING WATTS  W  1600  1900  2300  MAX. TD FUSE/BREAKER  A  20  20  20  20  20  REFRIGERATION SYSTEM  REFRIGERANT  R410A  R410A  R410A  R410A  R410A  COMPRESSOR TYPE  Inverter  Inverter  CONNECTIONS  Flare  Flare  LIQUID LINE O.D.  in  1/4"  1/4"  1/4"  1/4"  1/4"  SUCTION LINE O.D.  in  3/8"  3/8"  3/8"  3/8"  3/8"  MAX. LINE LENGTH  ft  Each unit.82 Total:98  Each unit.82 Total:98  Each unit.82 Total:98  MAX. HEIGHT DIFFERENCE  ft  33'  33'  33'  DIMENSIONS & WEIGHT  INDOOR UNIT  W X H X D  in  31 1/8" x 10 7/8" x 8 1/2" ea.  NET WEIGHT  Ibs  26 ea.  26  26  26 ea.  OUTDOOR UNIT  W X H X D  in  35 3/8" x 32 5/8" x 13"  35 3/8" x 32 5/8" x 13"  NET WEIGHT  Ibs  136  136  136	SOUND RATING - OUTDOOR	dB-A	52	5	2	52
ELECTRICAL DATA (ALL INDOOR UNITS RECEIVE POWER FROM OUTDOOR UNIT; VALUES LISTED ARE TOTAL)  POWER SOURCE  230/(208)-60-1  230/(208)-60-1  130/(208)-60-1  230/(208)-60-1  15  15  15  15  COOLING WATTS  W 1600  1900  2300  MAX. TD FUSE/BREAKER  A 20  20  20  REFRIGERATION SYSTEM  REFRIGERANT  RA10A  RA10A  RA10A  RA10A  COMPRESSOR TYPE  Inverter  Inverter  CONNECTIONS  Flare  Flare  LIQUID LINE O.D.  in 1/4"  1	OPERATIONG RANGE (HEATING)	°F	0 - 115 (14 - 75)	0 - 115 (	14 - 75)	0 - 115 (14 - 75)
POWER SOURCE         230/(208)-60-1         230/(208)-60-1         230/(208)-60-1           MIN. AMPACITY         A         15         15         15           COOLING WATTS         W         1600         1900         2300           MAX. TD FUSE/BREAKER         A         20         20         20           REFRIGERATION SYSTEM         REFRIGERANT         R410A         R410A <t< td=""><td>EST. YEARLY OPERATING COST</td><td></td><td>\$128</td><td>\$152</td><td>\$152</td><td>\$184</td></t<>	EST. YEARLY OPERATING COST		\$128	\$152	\$152	\$184
MIN. AMPACITY         A         15         15         15           COOLING WATTS         W         1600         1900         2300           MAX. TD FUSE/BREAKER         A         20         20         20           REFRIGERATION SYSTEM         REFRIGERANT         R410A         R410A <td row<="" td=""><td colspan="3">ELECTRICAL DATA (ALL INDOOR UNITS RECEIVE POWER FROM OUTDOOR UNIT; VALUES LISTED ARE TOTAL)</td><td></td></td>	<td colspan="3">ELECTRICAL DATA (ALL INDOOR UNITS RECEIVE POWER FROM OUTDOOR UNIT; VALUES LISTED ARE TOTAL)</td> <td></td>	ELECTRICAL DATA (ALL INDOOR UNITS RECEIVE POWER FROM OUTDOOR UNIT; VALUES LISTED ARE TOTAL)				
COOLING WATTS         W         1600         1900         2300           MAX. TD FUSE/BREAKER         A         20         20         20           REFRIGERATION SYSTEM           REFRIGERANT         R410A         R410A         R410A           COMPRESSOR TYPE         Inverter         Inverter         Inverter           CONNECTIONS         Flare         Flare         Flare           LIQUID LINE O.D.         in         1/4"         1/4"         1/4"           SUCTION LINE O.D.         in         3/8"         3/8"         3/8"         3/8"           FACTORY PRECHARGE         ft         98'         98'         98'         98'           MAX. LINE LENGTH         ft         Each unit.82 Total:98         Each unit.82 Total:98         Each unit.82 Total:98           MAX. HEIGHT DIFFERENCE         ft         33'         33'         33'         33'           DIMENSIONS & WEIGHT         INDOOR UNIT         WX H X D         in         31 1/8" x 10 7/8" x 8 1/2" ea.         31 1/8" x 10 7/8" x 8 1/2" ea.         31 1/8" x 10 7/8" x 8 1/2" ea.           SHIPPING WEIGHT         lbs         26 ea.         26         26 ea.           OUTDOOR UNIT         WX H X D         in         35 3/8" x 32 5	POWER SOURCE		230/(208)-60-1	230/(20	8)-60-1	230/(208)-60-1
MAX. TD FUSE/BREAKER         A         20         20         20           REFRIGERATION SYSTEM         REFRIGERANT         R410A	MIN. AMPACITY	Α	15	15		15
REFRIGERATION SYSTEM         R410A	COOLING WATTS	W	1600	1900		2300
REFRIGERANT         R410A         R410A         R410A         R410A           COMPRESSOR TYPE         Inverter         Inverter         Inverter           CONNECTIONS         Flare         Flare         Flare           LIQUID LINE O.D.         in         1/4"         1/4"         1/4"           SUCTION LINE O.D.         in         3/8"         3/8"         3/8"         3/8"           FACTORY PRECHARGE         ft         98'         98'         98'         98'           MAX. LINE LENGTH         ft         Each unit.82 Total:98         2ach unit.82 Total:98         2ach unit.82 Total:98         2ach unit.82 Total:98	MAX. TD FUSE/BREAKER	Α	20	20		20
COMPRESSOR TYPE         Inverter         Inverter         Inverter         Inverter         Inverter           CONNECTIONS         Flare         Flare         Flare         Flare         Flare           LIQUID LINE O.D.         in         1/4"         1/4"         1/4"         1/4"           SUCTION LINE O.D.         in         3/8"         3/8"         3/8"         3/8"           FACTORY PRECHARGE         ft         98'         98'         98'           MAX. LINE LENGTH         ft         Each unit.82 Total:98         Each unit.82 Total:98         Each unit.82 Total:98           MAX. HEIGHT DIFFERENCE         ft         33'         33'         33'         33'           DIMENSIONS & WEIGHT         INDOOR UNIT           W X H X D         in         31 1/8" x 10 7/8" x 8 1/2" ea.         31 1/8" x 10 7/8" x 8 1/2" ea.         31 1/8" x 10 7/8" x 8 1/2" ea.           SHIPPING WEIGHT         lbs         26 ea.         26         26 ea.         26 ea.           OUTDOOR UNIT         WX H X D         in         35 3/8" x 32 5/8" x 13"           NET WEIGHT         lbs         136         136         136	REFRIGERATION SYSTEM			•		
CONNECTIONS         Flare         Flare         Flare         Flare           LIQUID LINE O.D.         in         1/4"         1/4"         1/4"         1/4"           SUCTION LINE O.D.         in         3/8"         3/8"         3/8"         3/8"           FACTORY PRECHARGE         ft         98'         98'         98'           MAX. LINE LENGTH         ft         Each unit.82 Total:98         Each unit.82 Total:98         Each unit.82 Total:98           MAX. HEIGHT DIFFERENCE         ft         33'         33'         33'         33'           DIMENSIONS & WEIGHT         INDOOR UNIT         WX H X D         in         31 1/8" x 10 7/8" x 8 1/2" ea.         31 1/8" x 10 7/8" x 8 1/2" ea.         31 1/8" x 10 7/8" x 8 1/2" ea.           NET WEIGHT         lbs         21 ea.         21         21         21 ea.           SHIPPING WEIGHT         lbs         26 ea.         26         26 ea.           OUTDOOR UNIT         WX H X D         in         35 3/8" x 32 5/8" x 13"           NET WEIGHT         lbs         136         136         136	REFRIGERANT		R410A	R4°	10A	R410A
LIQUID LINE O.D.         in         1/4"         1/4"         1/4"         1/4"           SUCTION LINE O.D.         in         3/8"         3/8"         3/8"         3/8"           FACTORY PRECHARGE         ft         98'         98'         98'           MAX. LINE LENGTH         ft         Each unit.82 Total:98         Each unit.82 Total:98           MAX. HEIGHT DIFFERENCE         ft         33'         33'         33'           DIMENSIONS & WEIGHT         INDOOR UNIT           W X H X D         in         31 1/8" x 10 7/8" x 8 1/2" ea.         31 1/8" x 10 7/8" x 8 1/2" ea.         31 1/8" x 10 7/8" x 8 1/2" ea.           SHIPPING WEIGHT         lbs         26 ea.         26         26 ea.           OUTDOOR UNIT           W X H X D         in         35 3/8" x 32 5/8" x 13"         36 3/8" x 32 5/8" x 13"	COMPRESSOR TYPE		Inverter	Inverter		Inverter
SUCTION LINE O.D.         in         3/8"         3/8"         3/8"         3/8"           FACTORY PRECHARGE         ft         98'         98'         98'           MAX. LINE LENGTH         ft         Each unit.82 Total:98         Each unit.82 Total:98         Each unit.82 Total:98           MAX. HEIGHT DIFFERENCE         ft         33'         33'         33'         33'           DIMENSIONS & WEIGHT         INDOOR UNIT           W X H X D         in         31 1/8" x 10 7/8" x 8 1/2" ea.         31 1/8" x 10 7/8" x 8 1/2" ea.         31 1/8" x 10 7/8" x 8 1/2" ea.           NET WEIGHT         lbs         21 ea.         21         21         21 ea.           SHIPPING WEIGHT         lbs         26 ea.         26         26 ea.           OUTDOOR UNIT           W X H X D         in         35 3/8" x 32 5/8" x 13"           NET WEIGHT         lbs         136         136         136	CONNECTIONS		Flare	Flare		Flare
FACTORY PRECHARGE         ft         98'         98'         98'           MAX. LINE LENGTH         ft         Each unit:82 Total:98         Each unit:82 Total:98         Each unit:82 Total:98           MAX. HEIGHT DIFFERENCE         ft         33'         33'         33'           DIMENSIONS & WEIGHT           INDOOR UNIT         WX H X D         in         31 1/8" x 10 7/8" x 8 1/2" ea.         31 1/8" x 10 7/8" x 8 1/2" ea.         31 1/8" x 10 7/8" x 8 1/2" ea.           NET WEIGHT         lbs         21 ea.         21         21         21 ea.           SHIPPING WEIGHT         lbs         26 ea.         26         26 ea.           OUTDOOR UNIT           W X H X D         in         35 3/8" x 32 5/8" x 13"         35 3/8" x 32 5/8" x 13"         35 3/8" x 32 5/8" x 13"           NET WEIGHT         lbs         136         136         136	LIQUID LINE O.D.	in	1/4"	1/4"	1/4"	1/4"
MAX. LINE LENGTH         ft         Each unit:82 Total:98         Each unit:82 Total:98         Each unit:82 Total:98           MAX. HEIGHT DIFFERENCE         ft         33'         33'         33'           DIMENSIONS & WEIGHT           INDOOR UNIT           W X H X D         in         31 1/8" x 10 7/8" x 8 1/2" ea.         31 1/8" x 10 7/8" x 8 1/2" ea.         31 1/8" x 10 7/8" x 8 1/2" ea.           NET WEIGHT         lbs         21 ea.         21         21         21 ea.           SHIPPING WEIGHT         lbs         26 ea.         26         26 ea.         26 ea.           OUTDOOR UNIT         W X H X D         in         35 3/8" x 32 5/8" x 13"           NET WEIGHT         lbs         136         136         136	SUCTION LINE O.D.	in	3/8"	3/8"	3/8"	3/8"
MAX. HEIGHT DIFFERENCE       ft       33'       33'       33'         DIMENSIONS & WEIGHT         INDOOR UNIT         W X H X D       in       31 1/8" x 10 7/8" x 8 1/2" ea.       31 1/8" x 10 7/8" x 8 1/2" ea.       31 1/8" x 10 7/8" x 8 1/2" ea.       31 1/8" x 10 7/8" x 8 1/2" ea.       31 1/8" x 10 7/8" x 8 1/2" ea.       21 21 21 21 ea.       21 ea.       26 ea.	FACTORY PRECHARGE	ft	98'	98'		98'
DIMENSIONS & WEIGHT       INDOOR UNIT       WX H X D     in     31 1/8" x 10 7/8" x 8 1/2" ea.     31 1/8" x 10 7/8" x 8 1/2" ea.     31 1/8" x 10 7/8" x 8 1/2" ea.       NET WEIGHT     lbs     21 ea.     21     21     21 ea.       SHIPPING WEIGHT     lbs     26 ea.     26     26 ea.       OUTDOOR UNIT       W X H X D     in     35 3/8" x 32 5/8" x 13"     35 3/8" x 32 5/8" x 13"     35 3/8" x 32 5/8" x 13"       NET WEIGHT     lbs     136     136     136	MAX. LINE LENGTH	ft	Each unit:82 Total:98	Each unit:82 Total:98		Each unit:82 Total:98
NDOOR UNIT   WX H X D   in   31 1/8" x 10 7/8" x 8 1/2" ea.   31 1/8" x 10 7/8" x 8 1/2" ea.   31 1/8" x 10 7/8" x 8 1/2" ea.   31 1/8" x 10 7/8" x 8 1/2" ea.   31 1/8" x 10 7/8" x 8 1/2" ea.   NET WEIGHT   Ibs   21 ea.   21   21   21 ea.   21 ea.   26   26 ea.   26 ea.   OUTDOOR UNIT     WX H X D   in   35 3/8" x 32 5/8" x 13"   35 3/8" x 32 5/8" x 13"   NET WEIGHT   Ibs   136	MAX. HEIGHT DIFFERENCE	ft	33'	33'		33'
W X H X D         in         31 1/8" x 10 7/8" x 8 1/2" ea.         31 1/8" x 10 7/8" x 8 1/2" ea.         31 1/8" x 10 7/8" x 8 1/2" ea.           NET WEIGHT         lbs         21 ea.         21         21         21 ea.           SHIPPING WEIGHT         lbs         26 ea.         26         26         26 ea.           OUTDOOR UNIT         W X H X D         in         35 3/8" x 32 5/8" x 13"         35 3/8" x 32 5/8" x 13"         35 3/8" x 32 5/8" x 13"           NET WEIGHT         lbs         136         136         136	DIMENSIONS & WEIGHT			•		
NET WEIGHT         Ibs         21 ea.         21         21 ea.           SHIPPING WEIGHT         Ibs         26 ea.         26         26         26 ea.           OUTDOOR UNIT           W X H X D         in         35 3/8" x 32 5/8" x 13"         35 3/8" x 32 5/8" x 13"         35 3/8" x 32 5/8" x 13"           NET WEIGHT         Ibs         136         136         136	INDOOR UNIT					
SHIPPING WEIGHT         Ibs         26 ea.         26         26 ea.           OUTDOOR UNIT         W X H X D         in 35 3/8" x 32 5/8" x 13" 35 3/8" x 32 5/8" x 13" 35 3/8" x 32 5/8" x 13"           NET WEIGHT         Ibs         136         136         136	WXHXD	in	31 1/8" x 10 7/8" x 8 1/2" ea.	31 1/8" x 10 7/	8" x 8 1/2" ea.	31 1/8" x 10 7/8" x 8 1/2" ea.
SHIPPING WEIGHT         Ibs         26 ea.         26         26 ea.           OUTDOOR UNIT         W X H X D         in 35 3/8" x 32 5/8" x 13" 35 3/8" x 32 5/8" x 13" 35 3/8" x 32 5/8" x 13"           NET WEIGHT         Ibs         136         136         136	NET WEIGHT	lbs	21 ea.	21	21	21 ea.
W X H X D         in         35 3/8" x 32 5/8" x 13"         35 3/8" x 32 5/8" x 13"         35 3/8" x 32 5/8" x 13"           NET WEIGHT         lbs         136         136         136	SHIPPING WEIGHT		26 ea.	26	26	26 ea.
NET WEIGHT         lbs         136         136         136	OUTDOOR UNIT					
	WXHXD	in	35 3/8" x 32 5/8" x 13"	35 3/8" x 32	2 5/8" x 13"	35 3/8" x 32 5/8" x 13"
CHIDDING WEIGHT Ibo 154 154 154	NET WEIGHT	lbs	136	13	36	136
SHIFFING WEIGHT IDS 104 104 104	SHIPPING WEIGHT	lbs	154	15	54	154









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	15'	1/4"	3/8"	T32150
12000 Btu indoor units	35'	1/4"	3/8"	T32350



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.

