

Information requirements for air-to-air air conditioners								
Model(s):	Indoor unit(s)		MCD-55NX					
	Outdoor unit		MO-55N8-R-1					
Outdoor side heat exchanger of air conditioner: Air								
Indoor side heat exchanger of air conditioner: Air								
Type: compressor driven vapour compression								
If applicable: driver of compressor: electric motor								
Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated cooling capacity	Prated,c	15.3	kW		Seasonal space cooling energy efficiency	ηs,c	240.8	%
Declared cooling capacity for part load at given outdoor temperatures Tj and indoor 27°/19 °C (dry/wet bulb)					Declared energy efficiency ratio or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures Tj			
Tj = 35°C	Pdc	15.299	kW		Tj = 35°C	EERd	267.3	%
Tj = 30°C	Pdc	10.509	kW		Tj = 30°C	EERd	450.4	%
Tj = 25°C	Pdc	6.731	kW		Tj = 25°C	EERd	674.9	%
Tj = 20°C	Pdc	3.194	kW		Tj = 20°C	EERd	1147.9	%
Degradation co-efficient for air conditioners (*)	Cdc	2.5	—					
Power consumption in modes other than 'active mode'								
Off mode	POFF	0.010	kW		Crankcase heater mode	PCK	0.000	kW
Thermostat-off mode	PTO	0.001	kW		Standby mode	PSB	0.010	kW
Other items								
Capacity control	fixed/staged/variable				For air-to-air air conditioner: air flow rate, outdoor measured	—	5600	m3/h
Sound power level,outdoor	LWA	66/75	dB					
If engine driven: Emissions of nitrogen oxides	NO x (**)	x	mg/kWh fuel input GCV					
GWP of the refrigerant		675	kg CO2 eq (100 years)					
Contact details	Importer:FRIGICOLL S.A. BLASCO DE GARA No 4-6 08960 SANT JUST DESVERN BARCELONA Manufacturer:GD Midea .Air-Conditioning Equipment Co., Ltd. Lingang Road Beijiao Shunde Foshan Guangdong People s Republic of China 528311							

Information requirements for heat pumps								
Model(s):	Indoor unit(s)		MCD-55NX					
	Outdoor unit		MO-55N8-R-1					
Outdoor side heat exchanger of heat pump: Air								
Indoor side heat exchanger of heat pump: Air								
Indication if the heater is equipped with a supplementary heater: no								
If applicable: driver of compressor: electric motor								
Parameters shall be declared for the average heating season, parameters for the warmer and colder heating seasons are optional.								
Item	Symbol	Value	Unit		Item	Symbol	Value	Unit
Rated heating capacity	Prated,h	18.2	kW		Seasonal space heating energy efficiency	ηs,h	157.0	%
Declared heating capacity for part load at indoor temperature 20 °C and outdoor temperature Tj					Declared coefficient of performance or gas utilisation efficiency/auxiliary energy factor for part load at given outdoor temperatures Tj			
Item	symbol	value	unit		Item	symbol	value	unit
Tj = -7°C	Pdh	10.440	kW		Tj = -7°C	COPd	261.5	%
Tj = 2°C	Pdh	6.283	kW		Tj = 2°C	COPd	408.6	%
Tj = 7°C	Pdh	4.137	kW		Tj = 7°C	COPd	508.6	%
Tj = 12°C	Pdh	3.325	kW		Tj = 12°C	COPd	603.8	%
Tbiv = bivalent temperature	Pdh	10.440	kW		Tbiv = bivalent temperature	COPd	261.5	%
TOL = operating limit	Pdh	9.957	kW		TOL = operating limit	COPd	235.8	%
For air-to-water heat pumps: Tj = – 15 °C (if TOL < – 20 °C)	Pdh	x,x	kW		For air-to-water heat pumps: Tj = – 15 °C (if TOL < – 20 °C)	COPd	x,x	%
Bivalent temperature	Tbiv	-7	°C		For water-to-air heat pumps: Operation limit temperature	Tol	x	°C
Degradation co-efficient heat pumps (**)	Cdh	x,x	—					
Power consumption in modes other than ‘active mode’					Supplementary heater			
Off mode	Poff	0.010	kW		Back-up heating capacity (*)	elbu	1.843	kW
Thermostat-off mode	PTO	0.016	kW		Type of energy input			
Crankcase heater mode	PCK	0.000	kW		Standby mode	Psb	0.010	kW
Other items								
Capacity control	fixed/staged/variable				For air-to-air heat pumps: air flow rate, outdoor measured	—	5600	m3/h
Sound power level,outdoor measured	LWA	66/75	dB		For water/brine-to-air heat pumps: Rated brine or water flow rate, outdoor side heat exchanger	—	x	m3/h
Emissions of nitrogen oxides (if applicable)	NOx (**)	x	mg/kWh fuel input GCV					
GWP of the refrigerant		675	kg CO2 eq (100 years)					
Contact details	Importer:FRIGICOLL S.A. BLASCO DE GARA No 4-6 08960 SANT JUST DESVERN BARCELONA Manufacturer:GD Midea .Air-Conditioning Equipment Co., Ltd. Lingang Road Beijiao Shunde Foshan Guangdong People s Republic of China 528311							