

# HIGH CAPACITY DUCTED INVERTER SPLIT MUCHR-H7 Series

**MUNDOCLIMA®**  
**SUPER DC INVERTER**

**R410A**



## Automatic restart

Recovery of the adjustments before the electrical cut.



## Different speeds of the external fan

Accurate adjustment of fan speed thanks to DC motor.



## Configurable static pressure

The static pressure of the fan can be adjusted from the electronic board, so that the machine can be adapted to each installation.



## Problem solving

Error codes are displayed on the inside panel, the wall control or on the outside plate.



## Follow Me Function

The wall-mounted wire control adds a temperature sensor.



KJR-29B1/BK-E  
Included  
(CL92869)



## OPTIONAL

More information on options in "MUNDOCLIMA CONTROL SYSTEMS"

### Wireless control



RM12F  
(CL09101)

### Zoning <sup>(1)</sup>



MUNDOBOX  
(RM90386)

### WIFI



K-380EW  
(CO14907)

### Wired control weekly programmer



KJR-120C/BW-E  
(CL92946)

### BMS <sup>(1)</sup>



INBACMID  
(CL99222 /  
CL99210)



MD-AC-MBS  
(CL99097 /  
CL99114-116)



MD-AC-KNX  
(CL94792 /  
CL99094-095)

### Centralized control <sup>(1)</sup>



CCM-180A/WS  
(CL09300)



CCM30/BKE  
(CL92871)



CCM-15(A)  
(CL92872)

### Accessories



DTS343-3  
(CL09431)

(1) Can only be connected through the indoor unit and only if the KJR-120C/BW-E control is not installed.

## SPECIFICATIONS

Model				MUCHR-75-H7T	
Code				CL21532	
Cooling <sup>(1)</sup>	Rated capacity		kW	22.4	
	Nominal consumption		kW	7.2	
	EER		W/W	3.11	
	Seasonal energy efficiency for space cooling		ηs,c (%)	189.6	
Heating <sup>(2)</sup>	Rated capacity		kW	24.5	
	Nominal consumption		kW	6.6	
	COP		W/W	3.17	
	Seasonal energy efficiency for space heating		ηs,h (%)	137.7	
Indoor Unit	Air flow rate (High / Medium / Low)		m³/h	4075 / 3900 / 3880	
	Static Pressure	Nominal	Pa	50	
		Configurable <sup>(3)</sup>	Pa	0 ~ 150	
	Sound pressure (High / Medium / Low)		dB(A)	52 / 51 / 49	
	Drain connection		mm	Ø32	
	Power supply		V-Hz-Ph	220-240V~ 50Hz, 1Ph	
	Inner power cable		mm²	2 x 2.5 + T	
	Remote control			KJR-29B	
	Cable length supplied (4 wires)		m	6	
	Dimensions (W x H x D)		mm	1470 x 512 x 775	
Weight		kg	83		
Outdoor Unit	Air flow (High)		m³/h	9400	
	Sound pressure (High)		dB(A)	58	
	Compressor (Brand / Model)			MITSUBISHI / LNB53FCAMC	
	Power supply		V-Hz-Ph	380-415V~ 50Hz, 3Ph	
	Outdoor power cable		mm²	4 x 6 + T	
	Dimensions (W x H x D)		mm	1120 x 1558 x 414	
	Weight		kg	148	
Set	Communication cable		mm²	3 x 0.75 (shielded)	
	Refrigerant	Type / PCA		R410A / 2088	
		Load		kg/TCO₂ eq.	7.2 / 15.03
		Preload until		m	5
		Additional load (from 5 m)		g/m	30
	Design pressure		Mpa	4.4 / 2.6	
	Connection pipes	Liquid / Gas		mm (inch)	Ø9,52 / Ø25,1 (3/8" / 1")
		Max. Length <sup>(4)</sup>		m	50
		Max. Drop Height	Outd. Unit higher	m	25
			Outd. Unit lower	m	30
	Operating temperature	Indoor (Cooling / Heating)		°C	17 ~ 32 / 0 ~ 30
		Outdoor (Cooling / Heating)		°C	-15 ~ 43 / -15 ~ 24

Notes: <sup>(1)</sup> Nominal cooling conditions: Indoor 27 °C DB, 19 °C WB and outdoor 35 °C DB, pipe length of 7.5 m and a height difference of 0 m.

<sup>(2)</sup> Nominal heating conditions: Indoor 20 °C DB, 15 °C WB and outdoor 7 °C DB, 6 °C WB for a pipe length of 7.5 m and a height difference of 0 m.

<sup>(3)</sup> Pressure configurable by means of the ENC2 microswitch on the electronic board of the indoor unit.

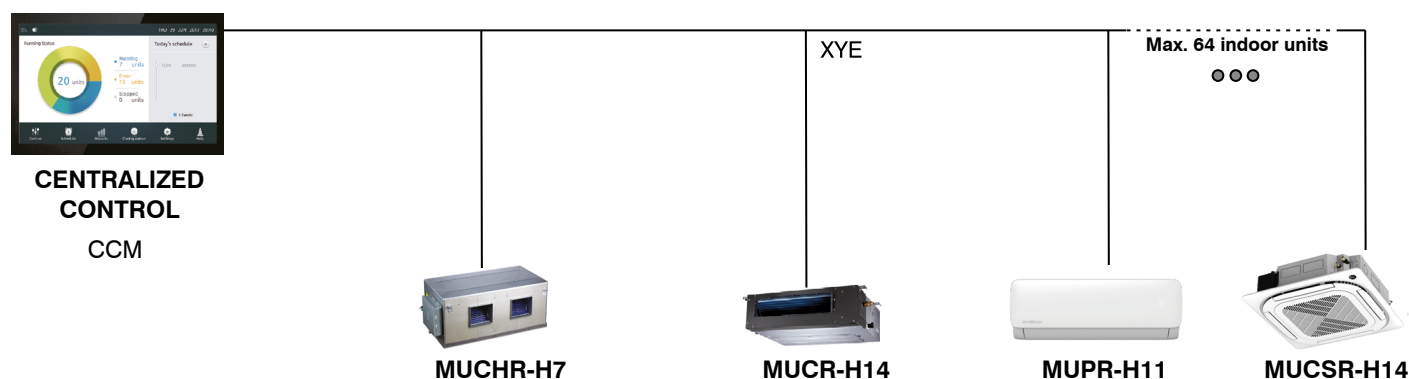
<sup>(4)</sup> Minimum pipe length of 2 meters.

\* Design and specifications are subject to change without notice for product improvement.

\*\* The values of noise level match with the values obtained in the semi-anechoic chamber.

\*\*\* Data and specifications can be changed without previous notice.

## CENTRALIZED CONTROL CONNECTION



Important note:

If you need to connect units of different series to a CCM-180 or CCM-270 control, please consult MUNDOLIMA's Technical Department beforehand