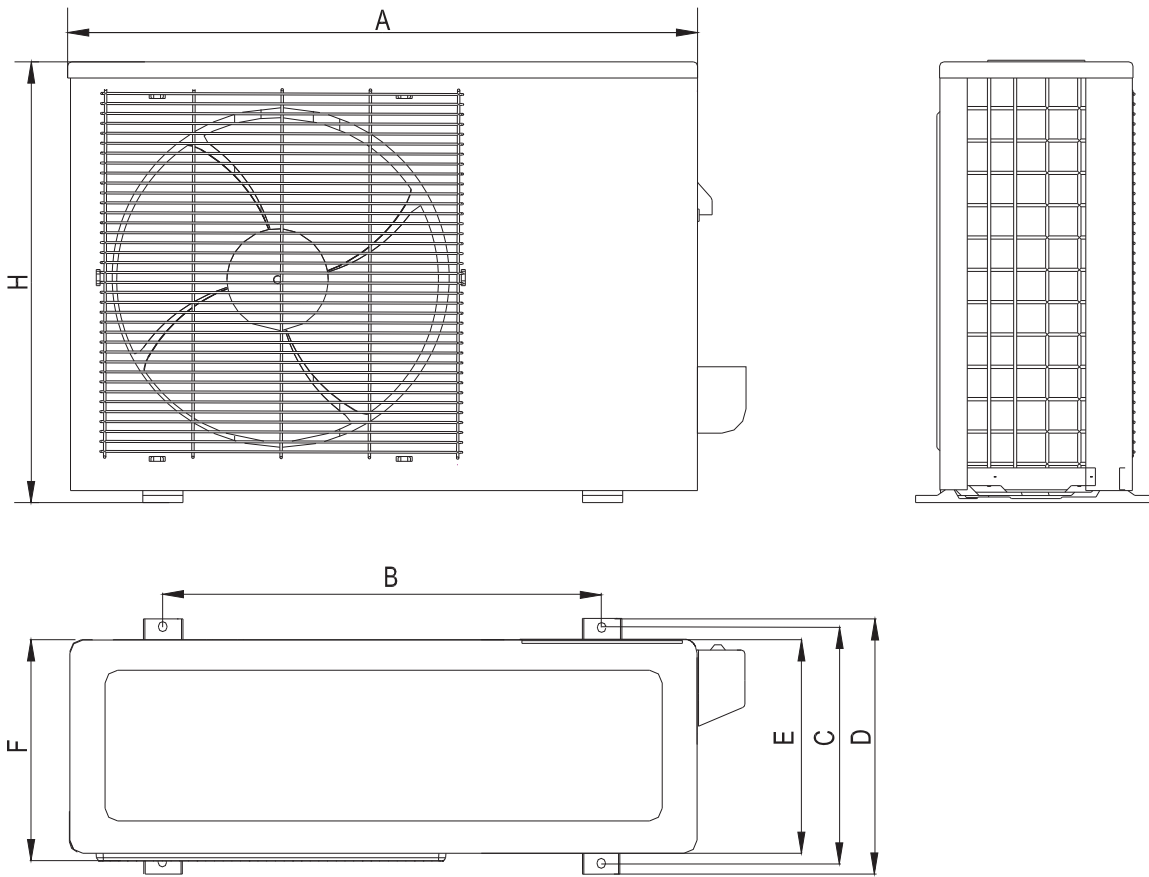


Part 3

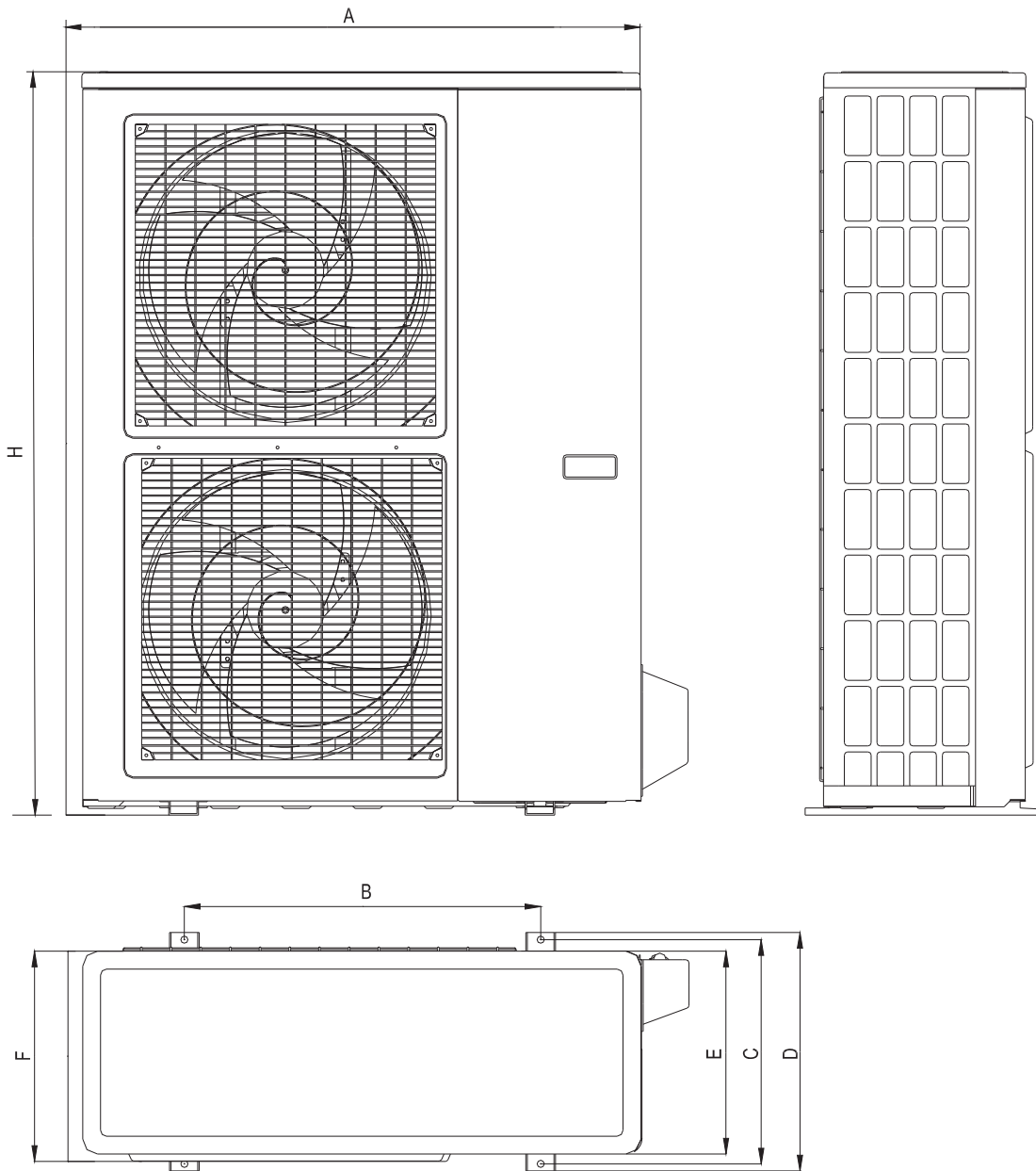
Outdoor Units

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1. Dimensions

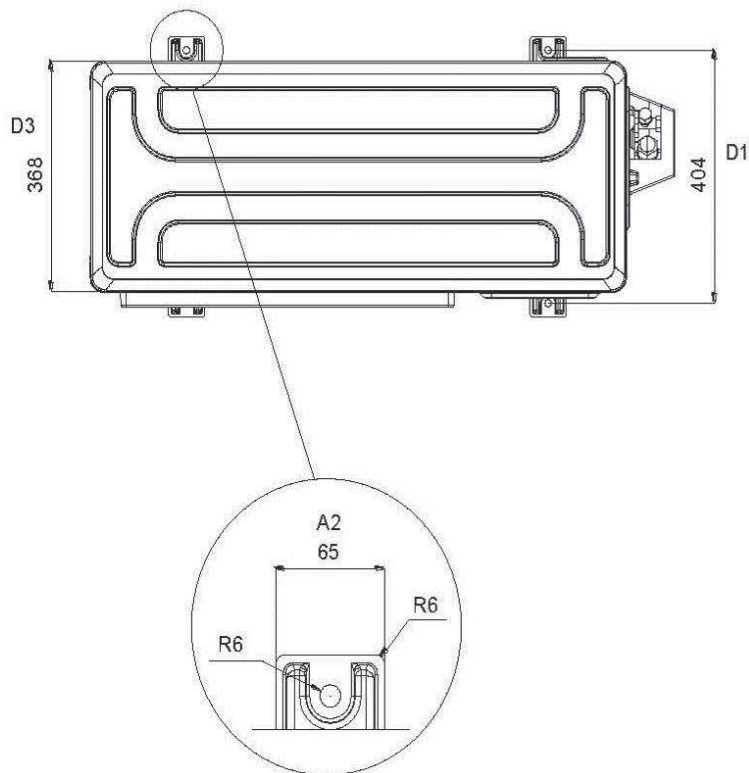
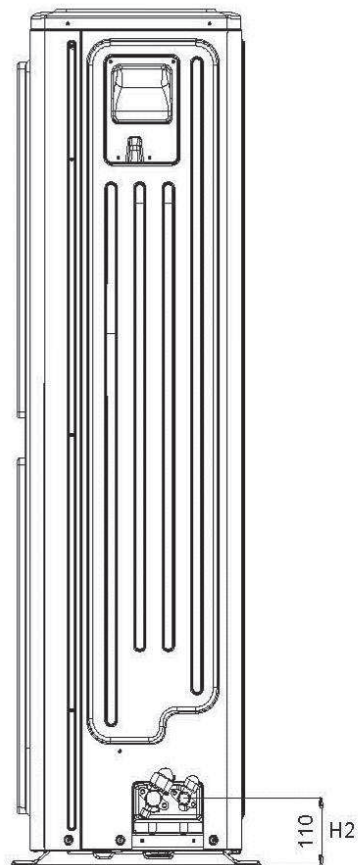
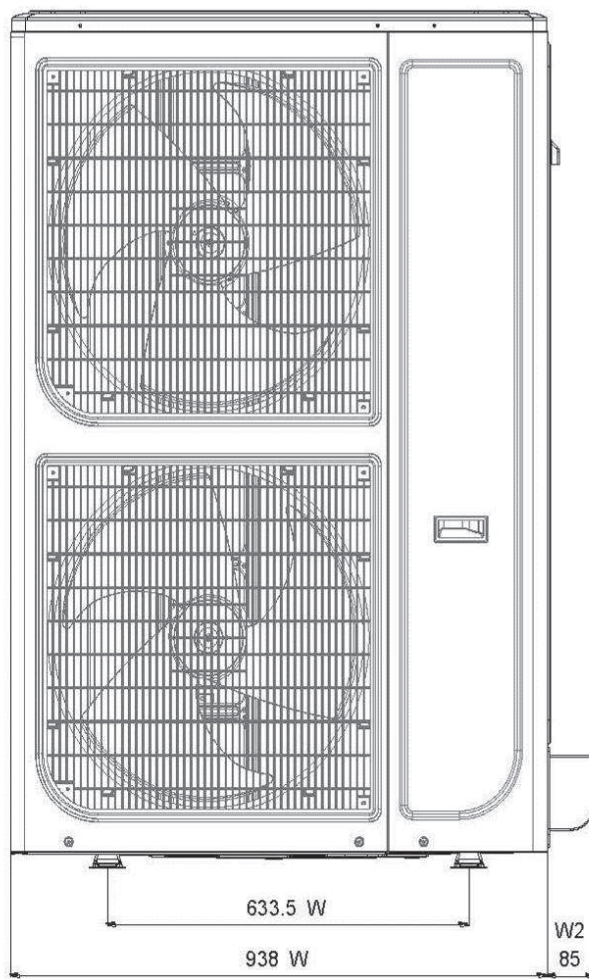
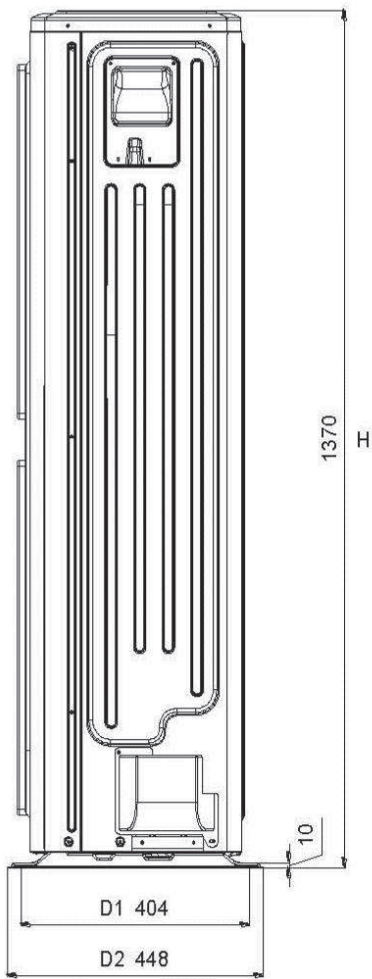


Model	Unit: mm						
	A	B	C	D	E	F	H
MOU-12HDN1-Q	760	530	290	315	270	285	590
MOU-18HDN1-Q	760	530	290	315	270	285	590
MOU-24HDN1-Q	845	560	335	360	312	320	700
MOU-30HDN1-Q	900	590	333	355	302	315	860
MOU-36HDN1-Q	990	624	366	396	340	345	965
MOU-36HDN1-R							

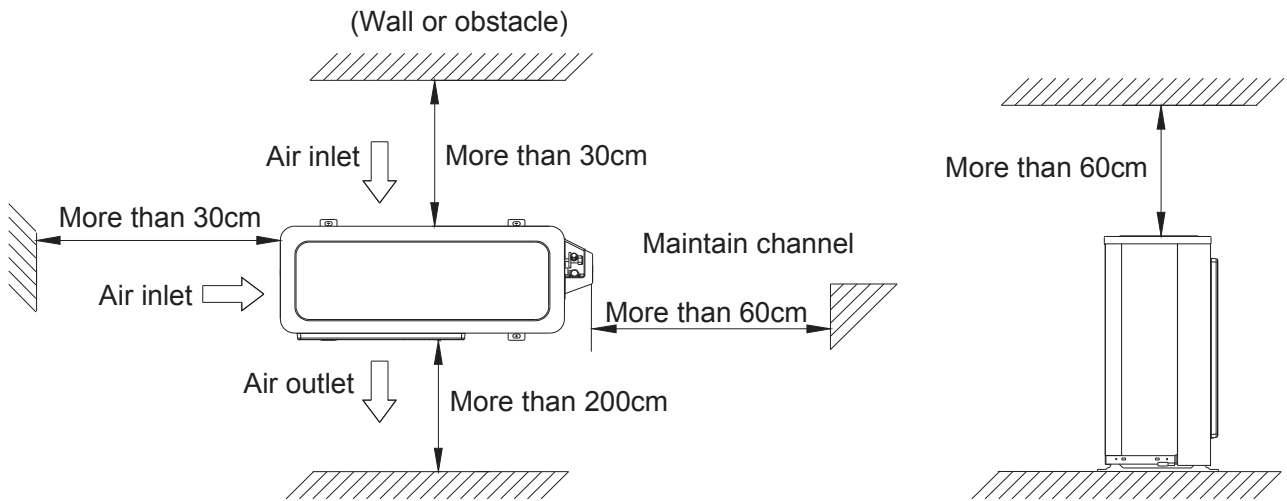


Model	Unit: mm						
	A	B	C	D	E	F	H
MOU-48HDN1-Q	940	600	376	400	340	360	1245
MOU-48HDN1-R							
MOU-60HDN1-R							

New MOU-48HDN1-Q MOU-48HDN1-R MOU-60HDN1-R

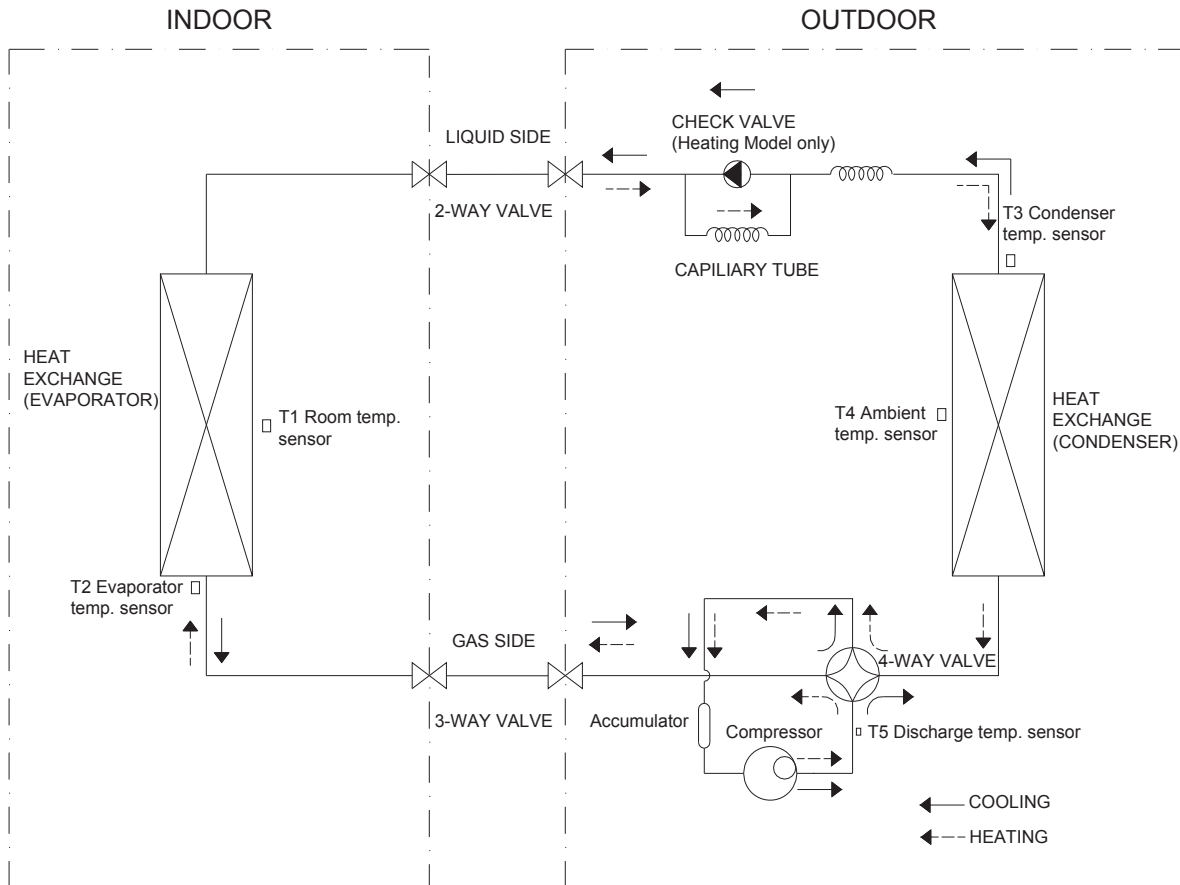


2. Service Space

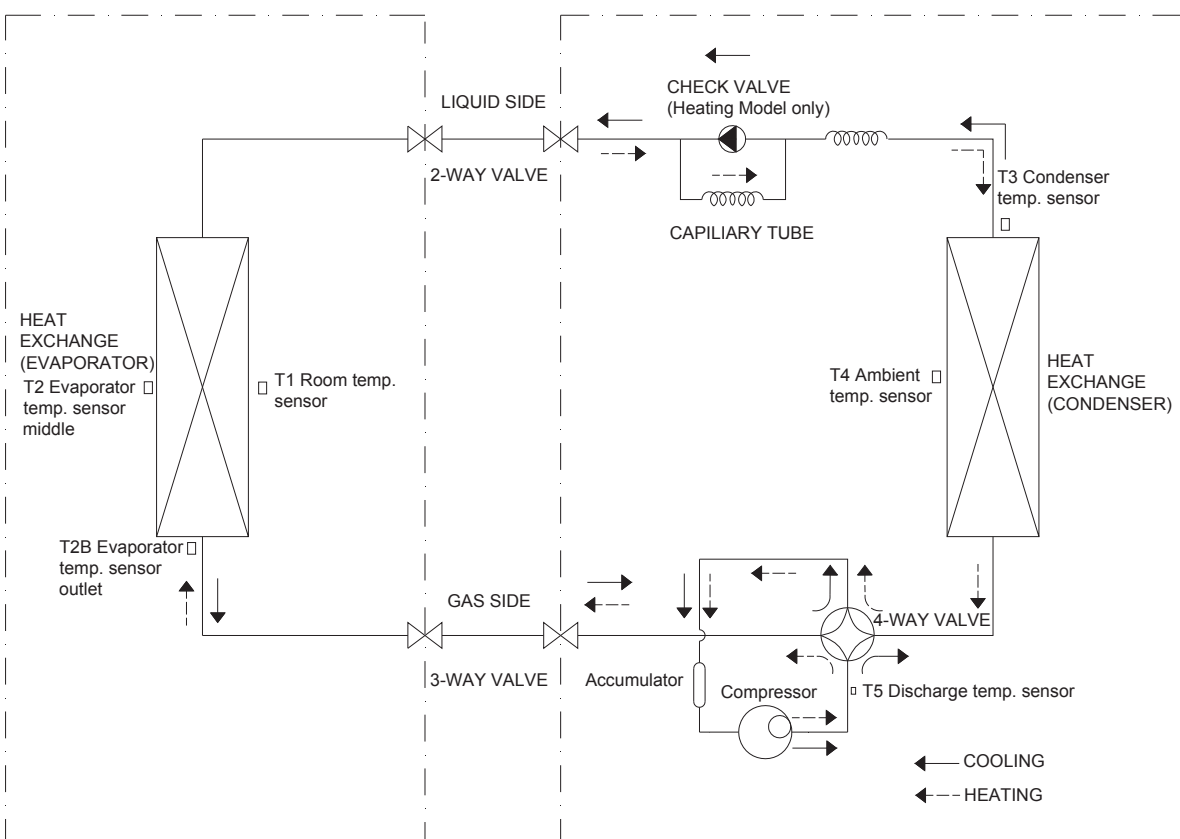


3. Piping Diagrams

MOU-12HDN1-Q

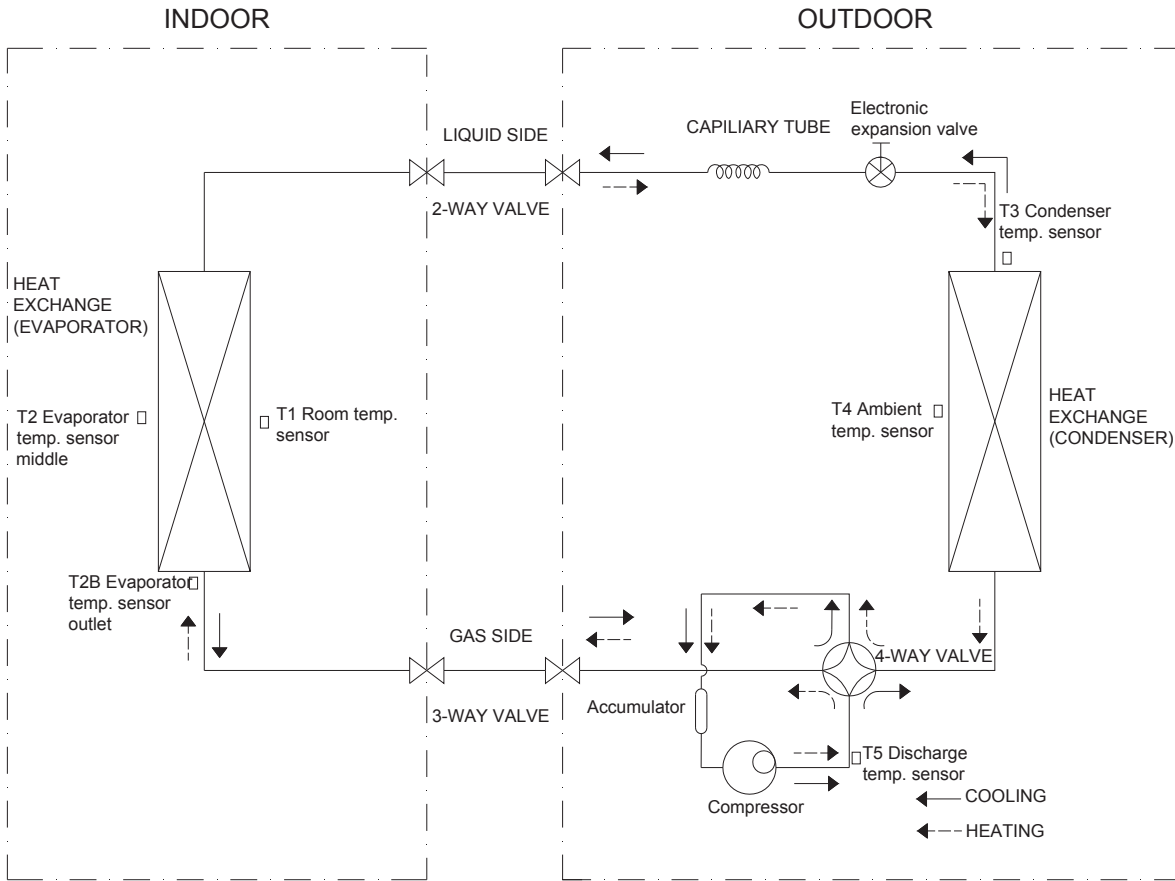


MOU-24HDN1-Q(220075301401)



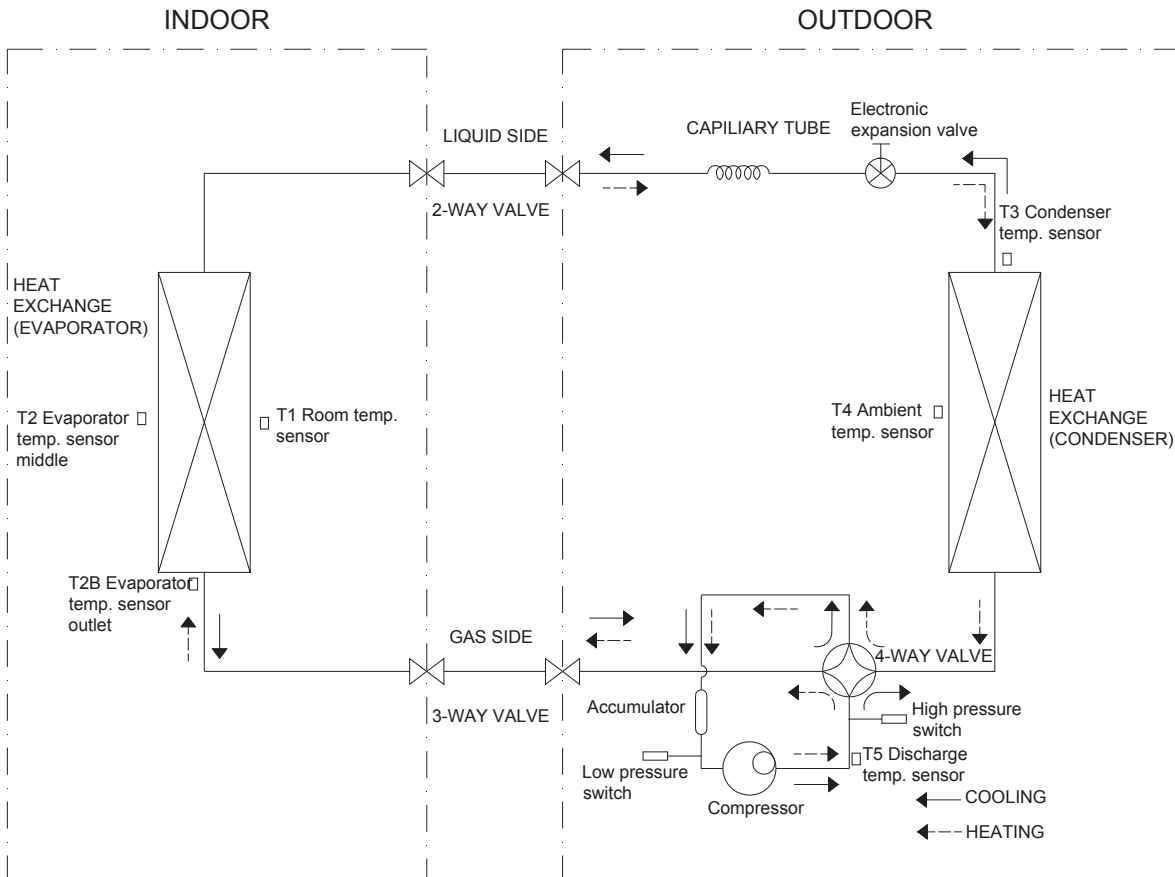
For MOU-24HDN1-Q, the accumulator is not included.

MOU-18HDN1-Q MOU-24HDN1-Q(220075301400)



For MOU-24HDN1-Q, the accumulator is not included.

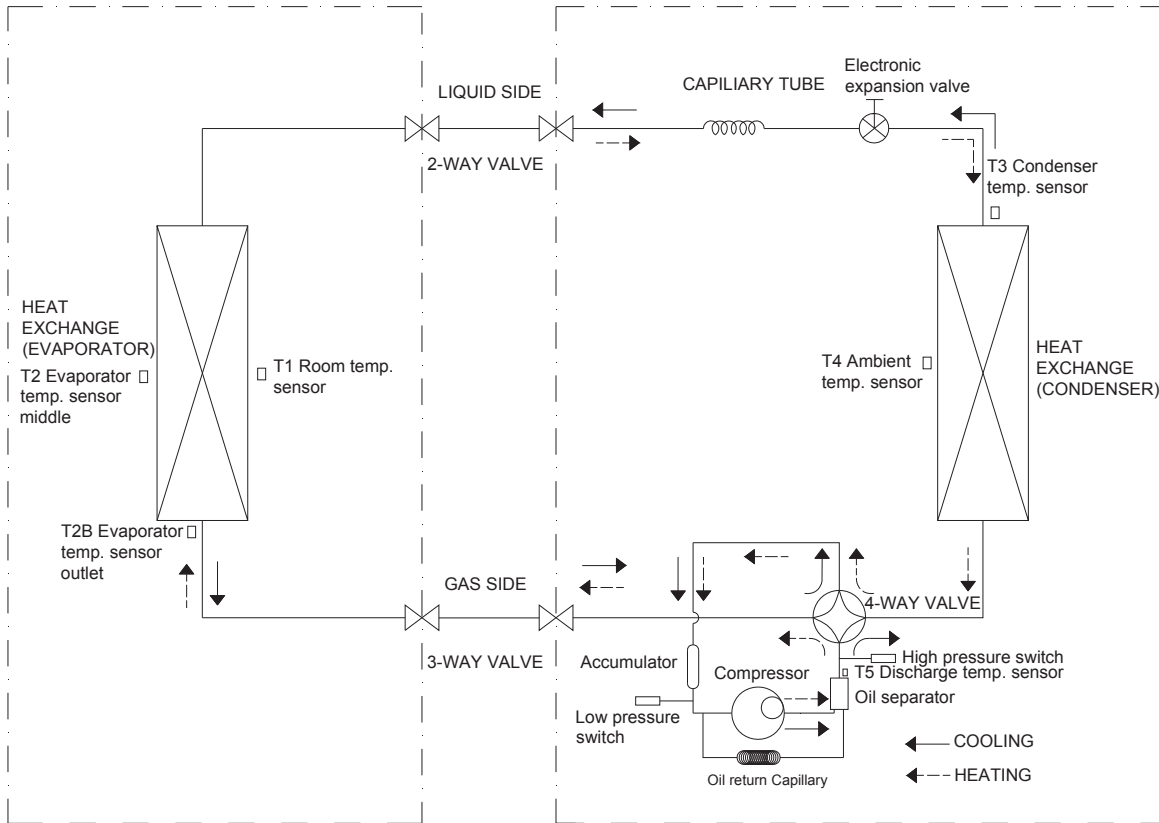
MOU-30HDN1-Q



MOU-36HDN1-Q MOU-36HDN1-R MOU-48HDN1-Q MOU-48HDN1-R MOU-60HDN1-R

INDOOR

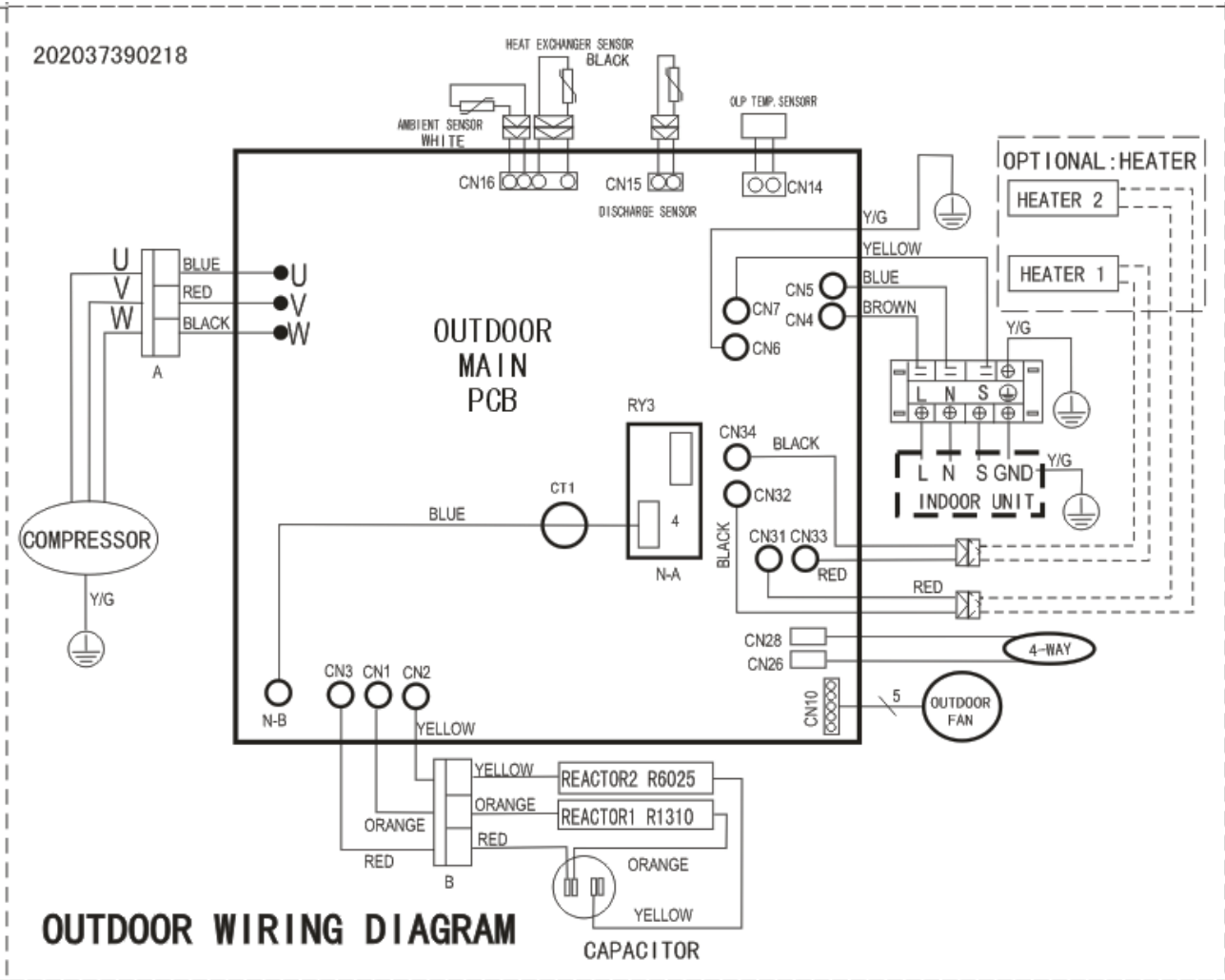
OUTDOOR



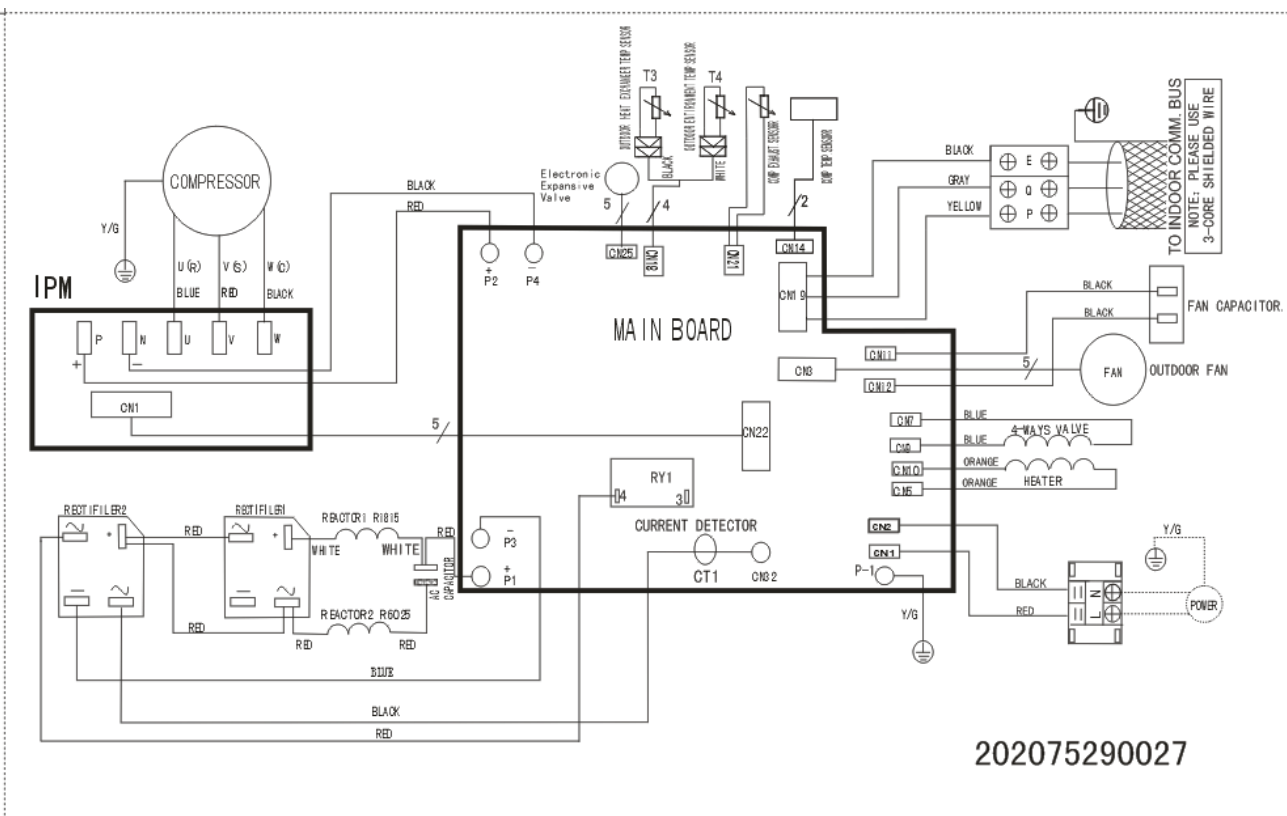
For MOU-48HDN1-Q, MOU-48HDN1-R and MOU-60HDN1-R, the accumulator is not included.

4. Wiring Diagrams

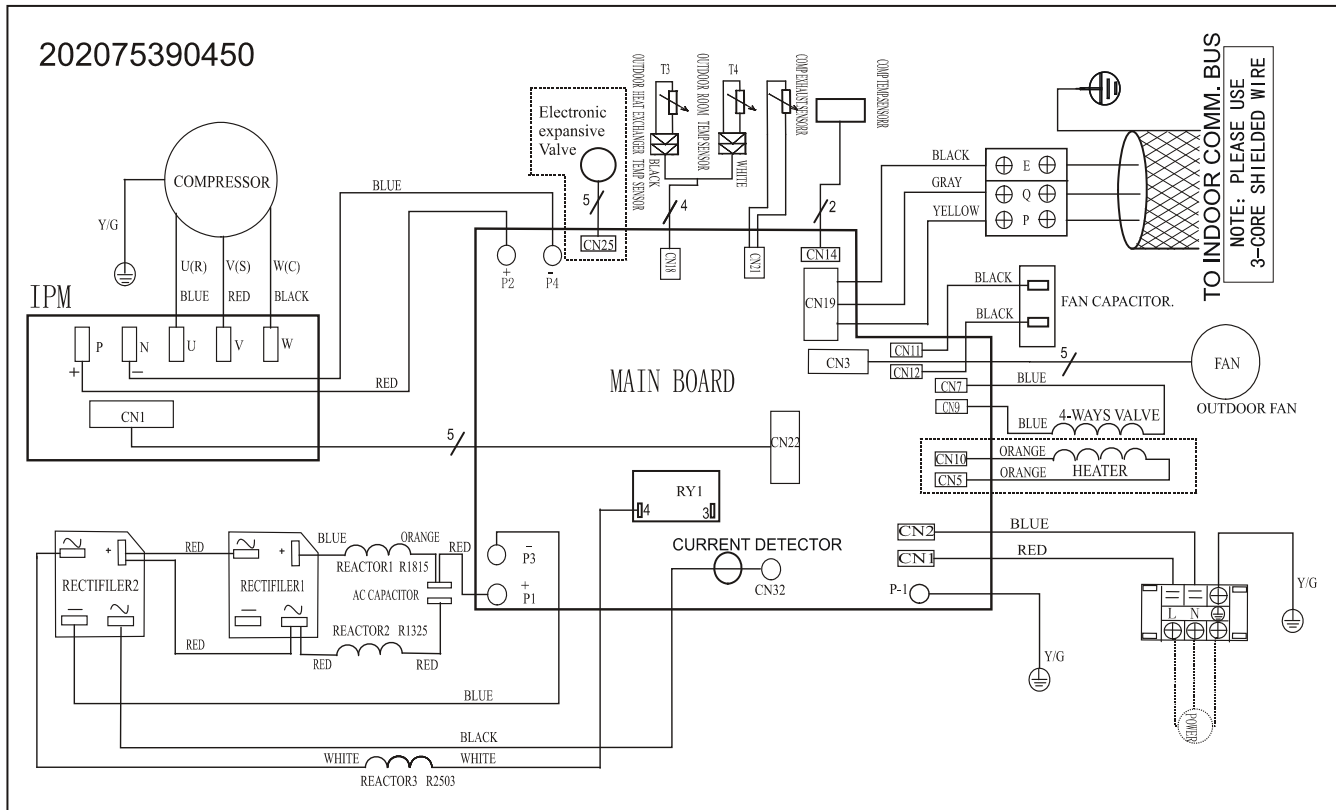
MOU-12HDN1-Q



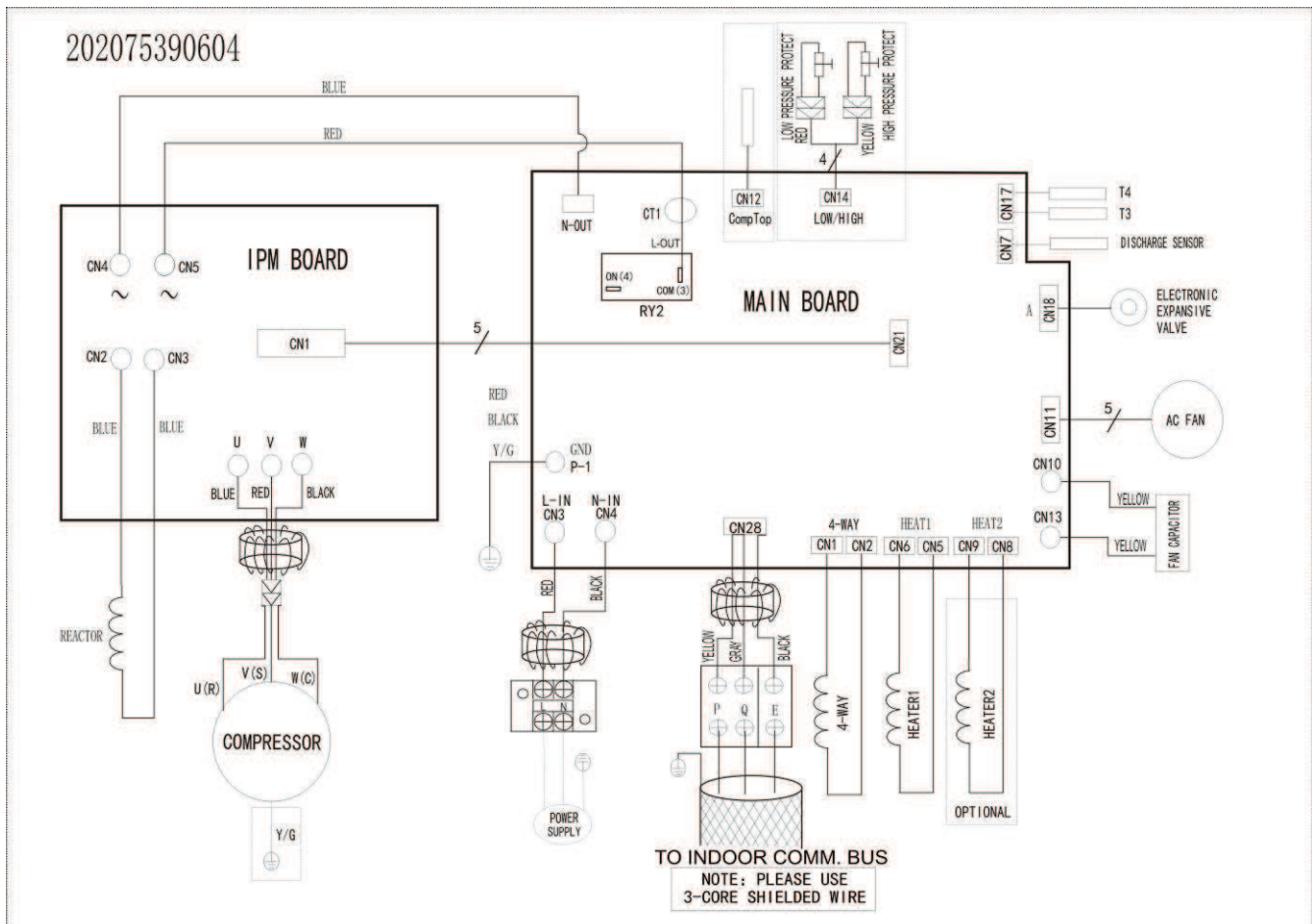
MOU-18HDN1-Q



MOU-24HDN1-Q (220075301400)

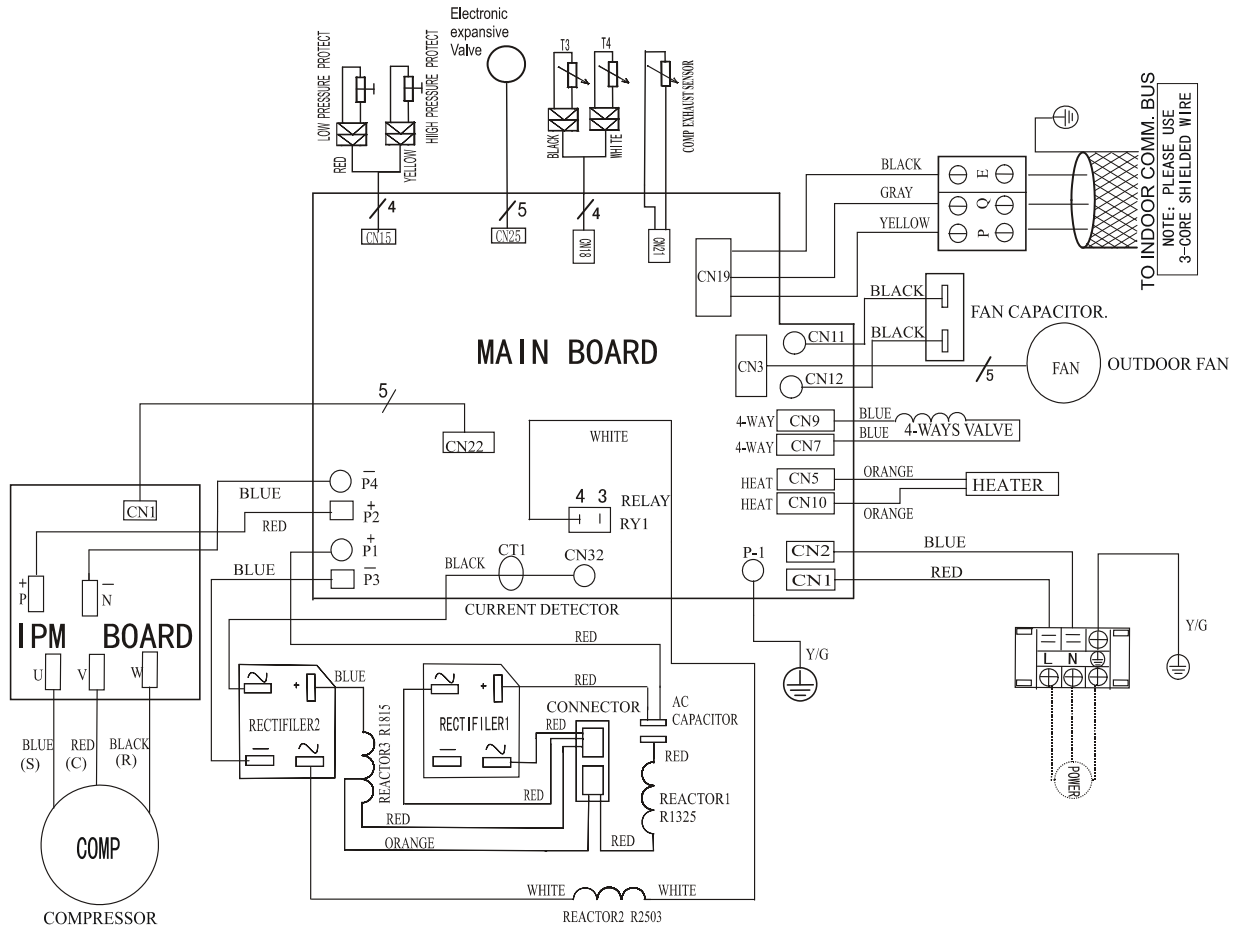


MOU-24HDN1-Q (220075302030)



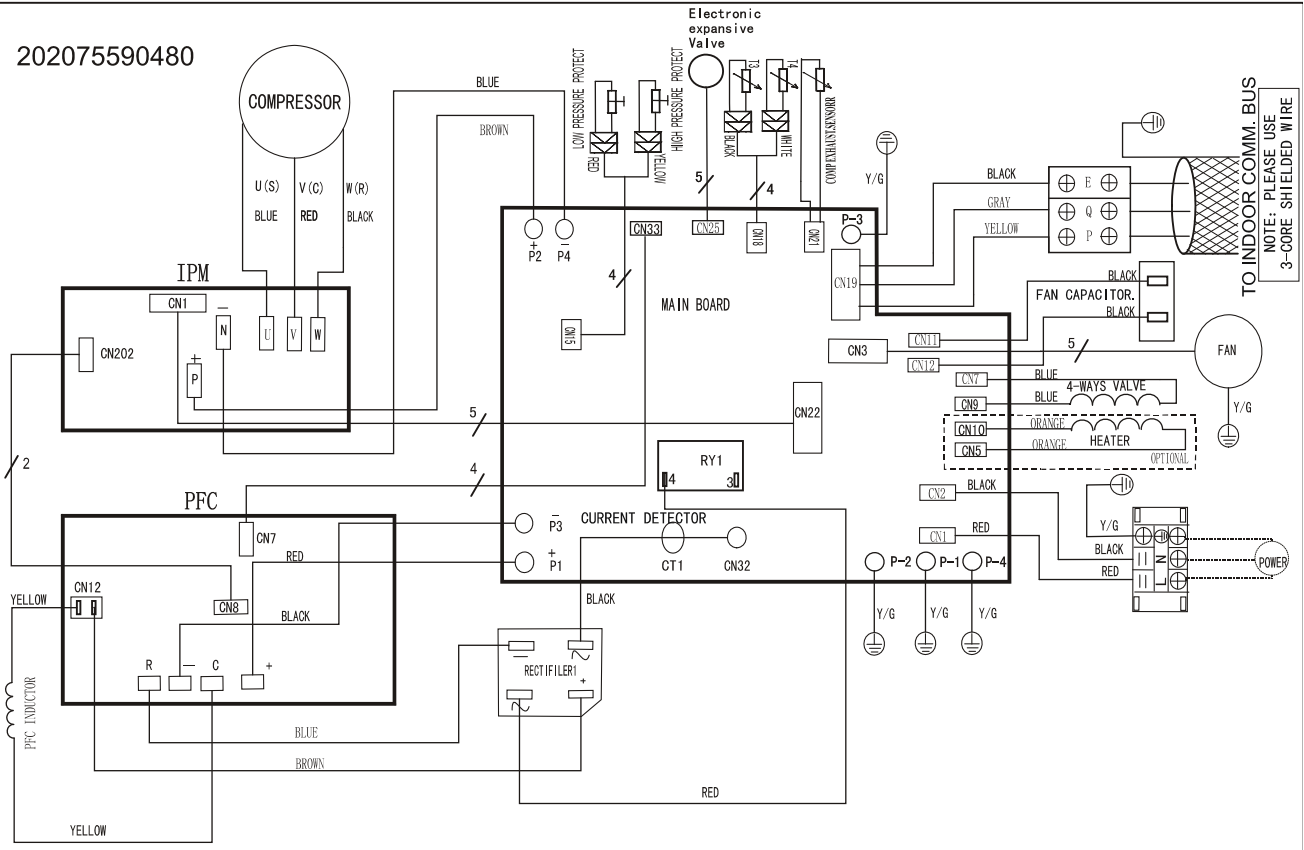
MOU-30HDN1-Q

202075490123

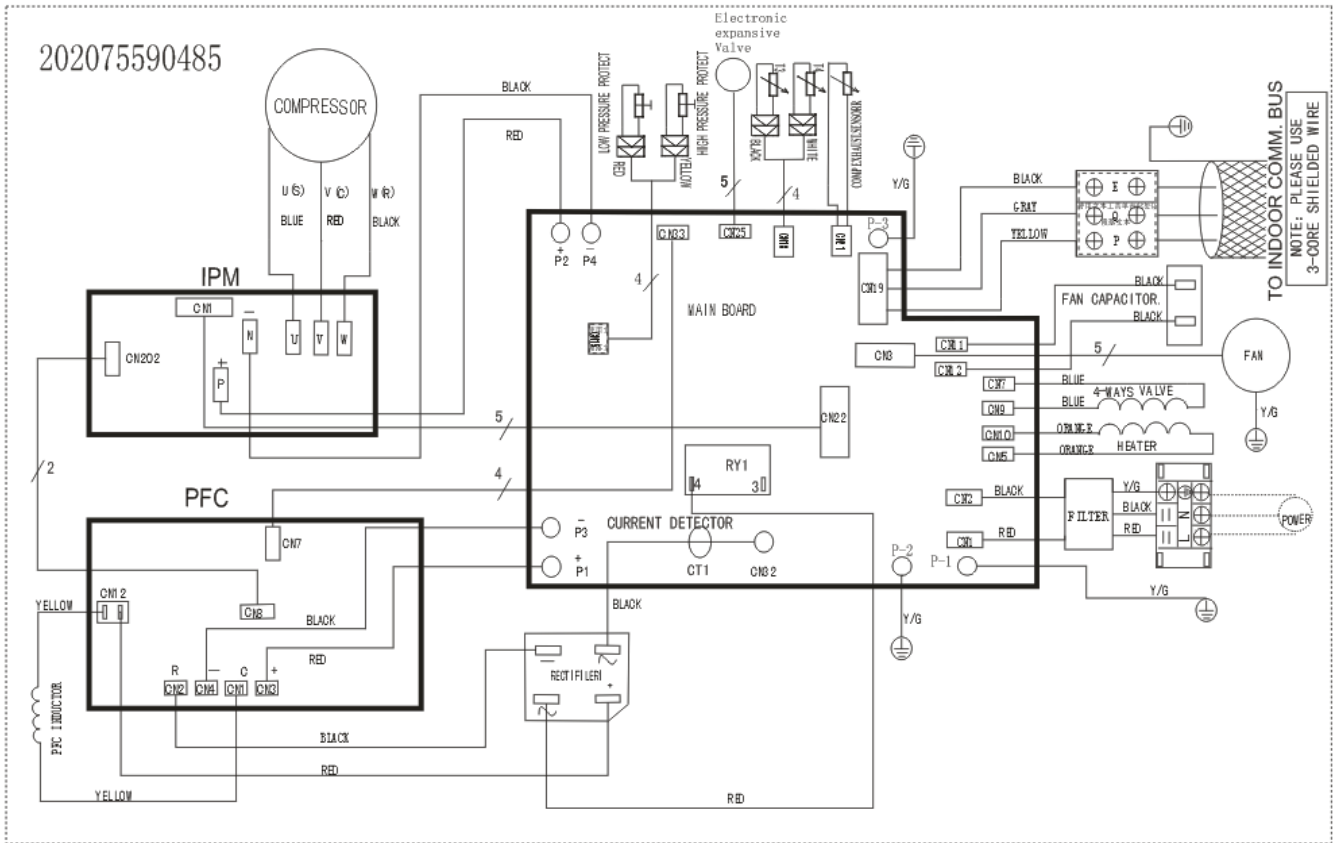


MOU-36HDN1-Q(220075501600)

202075590480

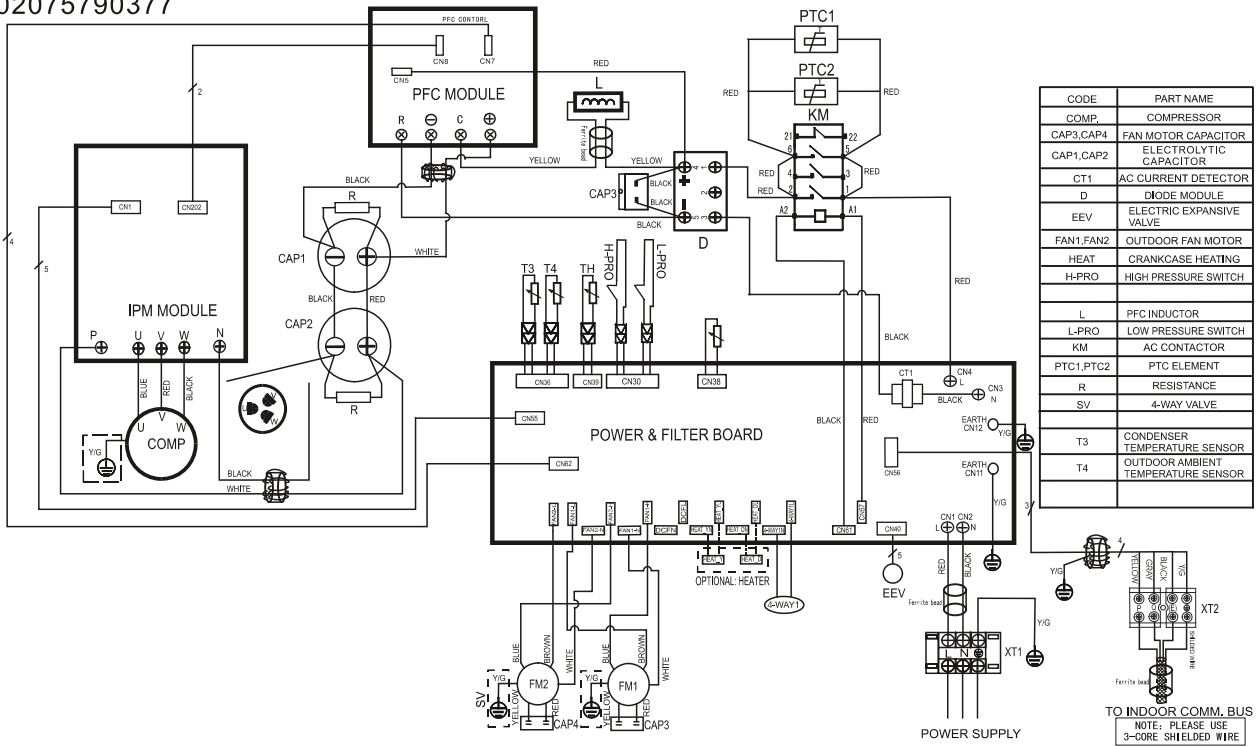


MOU-36HDN1-Q(220075501990)

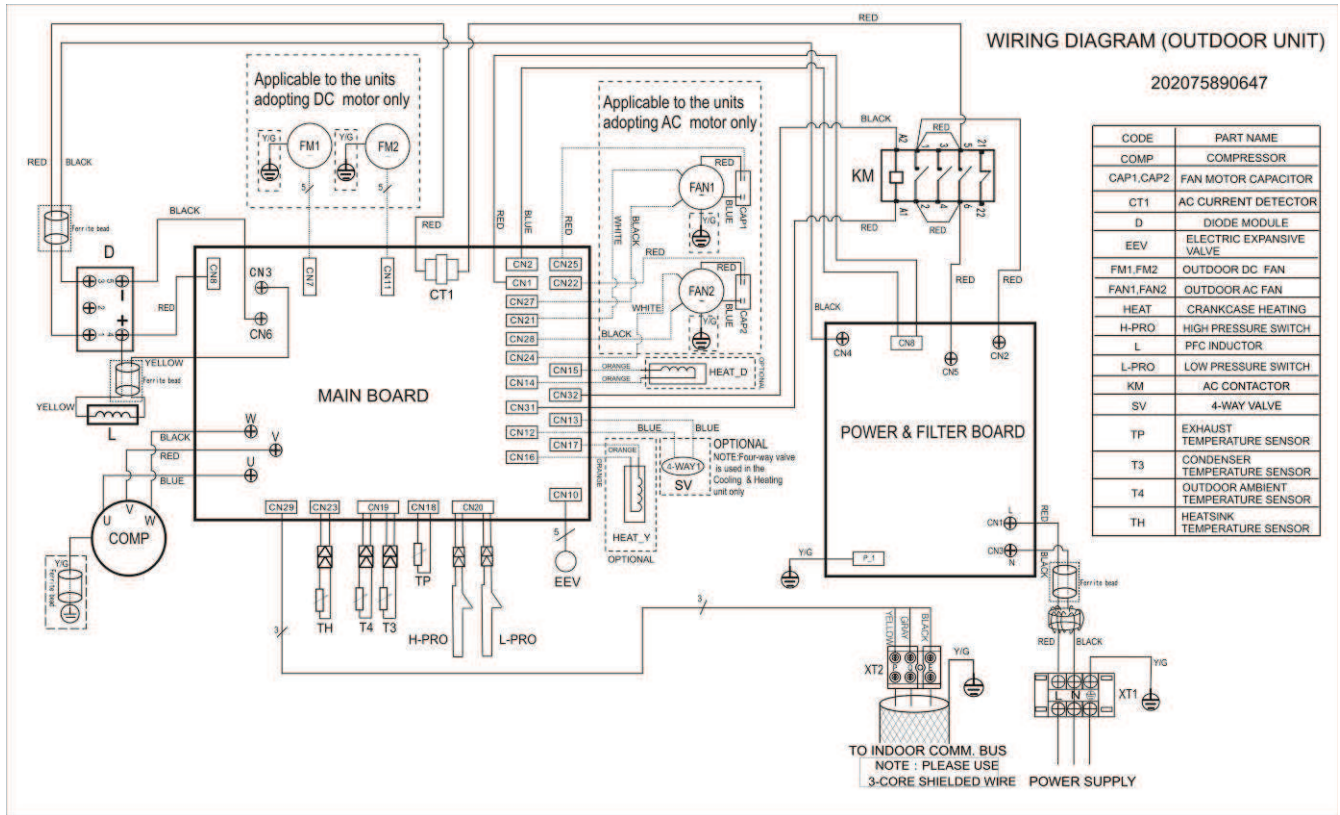


MOU-48HDN1-Q

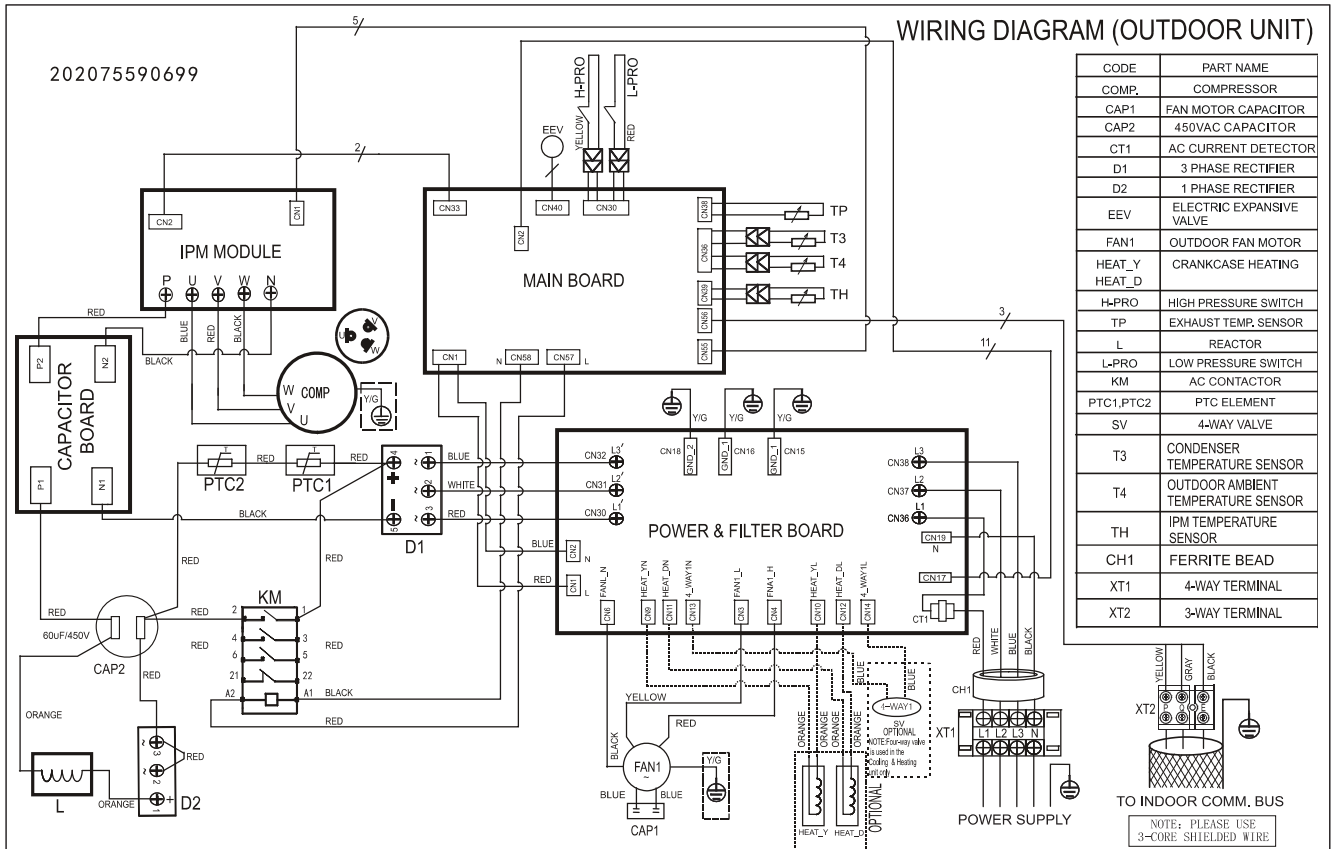
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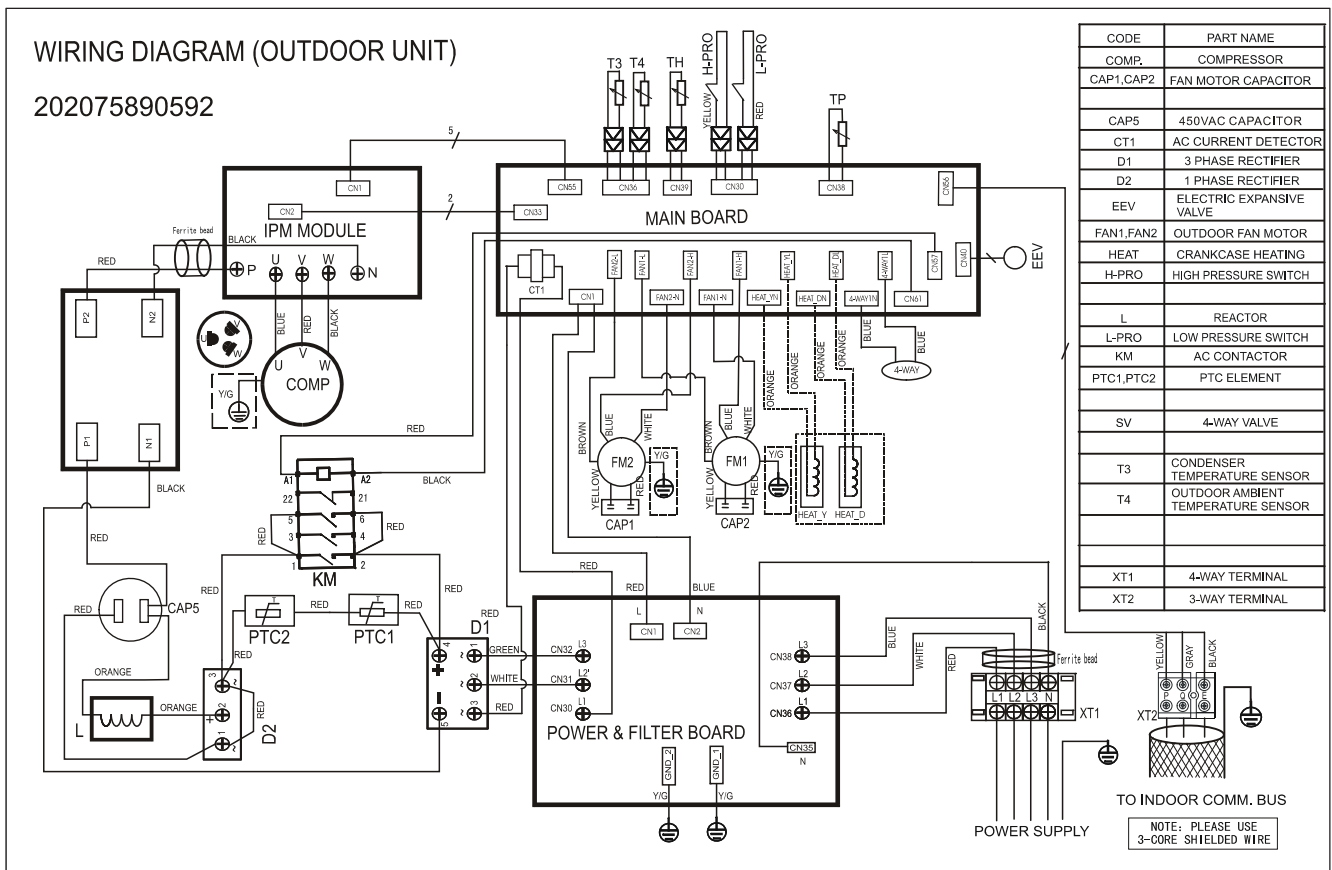
MOU-48HDN1-Q (New Body)



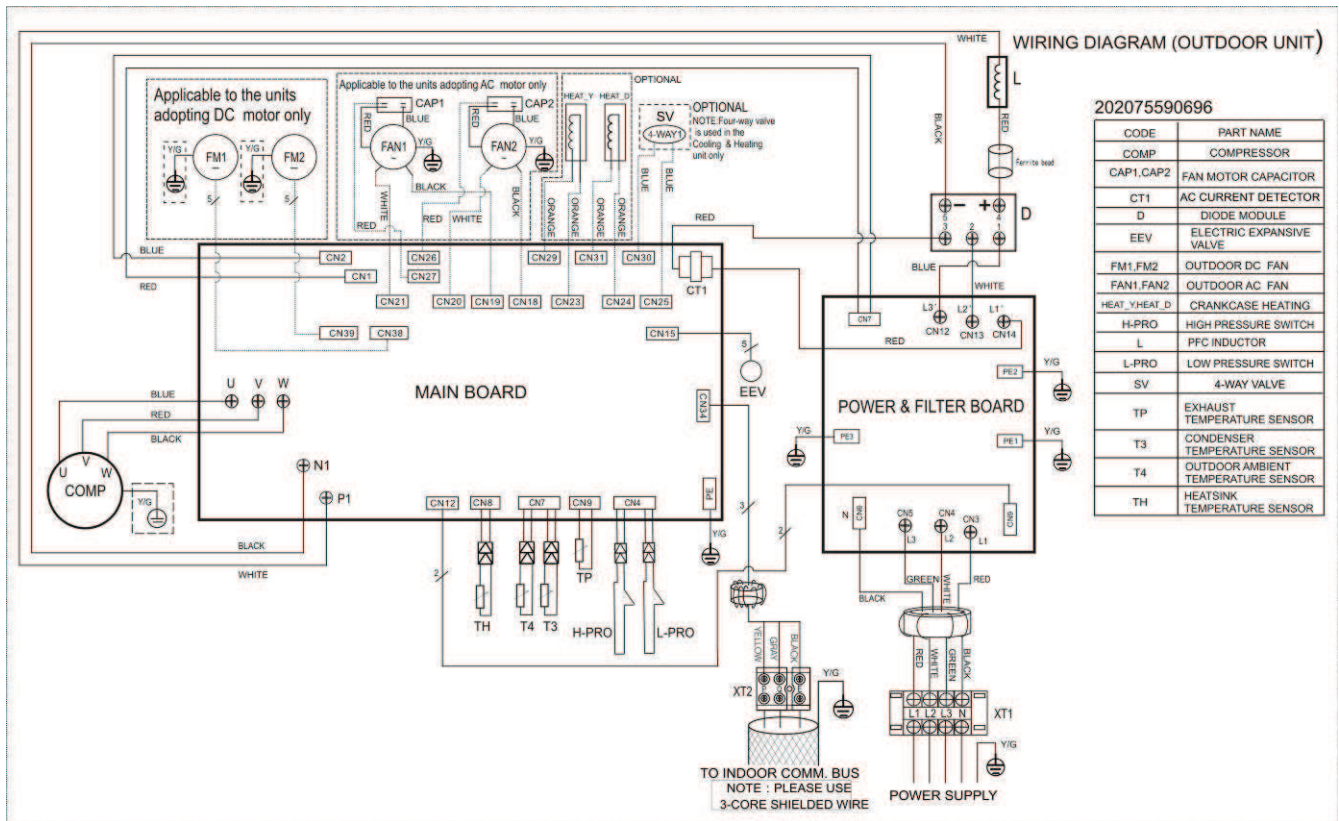
MOU-36HDN1-R



MOU-48HDN1-R MOU-60HDN1-R



MOU-48HDN1-R MOU-60HDN1-R (New Body)



5. Electric Characteristics

Model	Outdoor Unit			
	Hz	Voltage	Min.	Max.
MOU-12HDN1-Q	50	220-240	198	254
MOU-18HDN1-Q	50	220-240	198	254
MOU-24HDN1-Q	50	220-240	198	254
MOU-30HDN1-Q	50	220-240	198	254
MOU-36HDN1-Q	50	220-240	198	254
MOU-36HDN1-R	50	380-420	342	440
MOU-48HDN1-Q	50	220-240	198	254
MOU-48HDN1-R	50	380-420	342	440
MOU-60HDN1-R	50	380-420	342	440

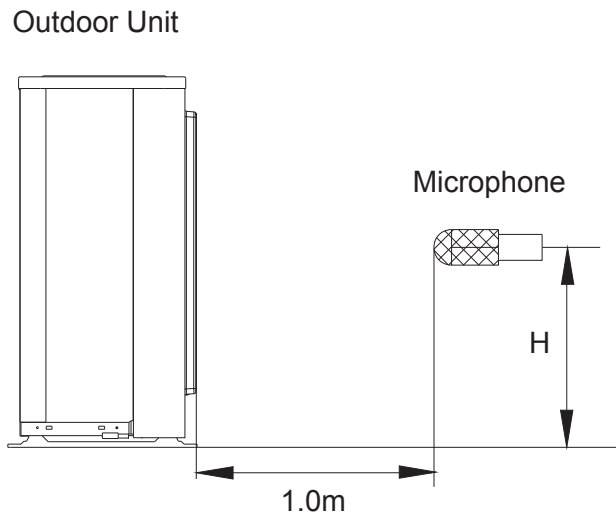
6. Operation Limits

Mode \ Temperature	Cooling operation	Heating operation
Room temperature	$\geq 17^{\circ}\text{C}$	$\leq 30^{\circ}\text{C}$
Outdoor temperature	$0^{\circ}\text{C} \sim 50^{\circ}\text{C}$	$-15^{\circ}\text{C} \sim 24^{\circ}\text{C}$
	$(-15^{\circ}\text{C} \sim 50^{\circ}\text{C}: \text{ For the models with low temperature cooling system})$	

CAUTION:

1. If the air conditioner is used beyond the above conditions, certain safety protection features may come into operation and cause the unit to operate abnormally.
2. The room relative humidity should be less than 80%. If the air conditioner operates beyond this figure, the surface of the air conditioner may attract condensation. Please set the vertical air flow louver to its maximum angle (vertically to the floor), and set HIGH fan mode.
3. The optimum performance will be achieved during this operating temperature zone.

7. Sound Levels



Note: H= 0.5 × height of outdoor unit

Model	Noise level dB(A)
	H
MOU-12HDN1-Q	48
MOU-18HDN1-Q	51
MOU-24HDN1-Q (220075301400)	54
MOU-24HDN1-Q (220075301401)	59
MOU-24HDN1-Q (220075302030)	55
MOU-30HDN1-Q	55
MOU-36HDN1-Q	55
MOU-36HDN1-R	63
MOU-48HDN1-Q	59/54
MOU-48HDN1-Q(New Body)	62
MOU-48HDN1-R	62
MOU-48HDN1-R (New Body)	62.5
MOU-60HDN1-R	63
MOU-60HDN1-R (New Body)	62