

HAN-L5 Controller

DATA SHEET

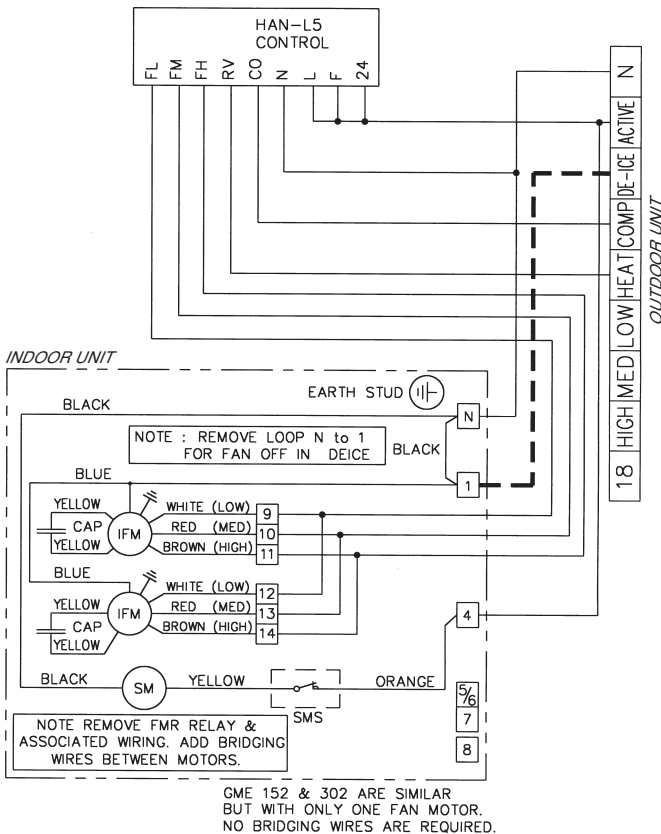
Approved Thermostat Wiring for Air Conditioners

General

- For Cooling Only systems, disregard wiring between 'RV' and 'HEAT' terminals and change dip switch 2 (below) to 'ON'.
- Room Wall Control dip switch settings do not need alteration from the standard settings, shown here:

1	2	3	4	5	6	7	8	9
OFF	OFF	ON	ON	OFF	OFF	ON	ON	OFF
- Power Relay Module jumpers do not need alteration from the standard positions, unless relays have been connected to the fan speed terminals (Figures 3, 4 & 7). **CN-2**, positioned on RH, **must not** be altered. **LF**, positioned with jumper off, cycles fan off during heat cycle dead band, but may have the jumper on for continuous fan operation.

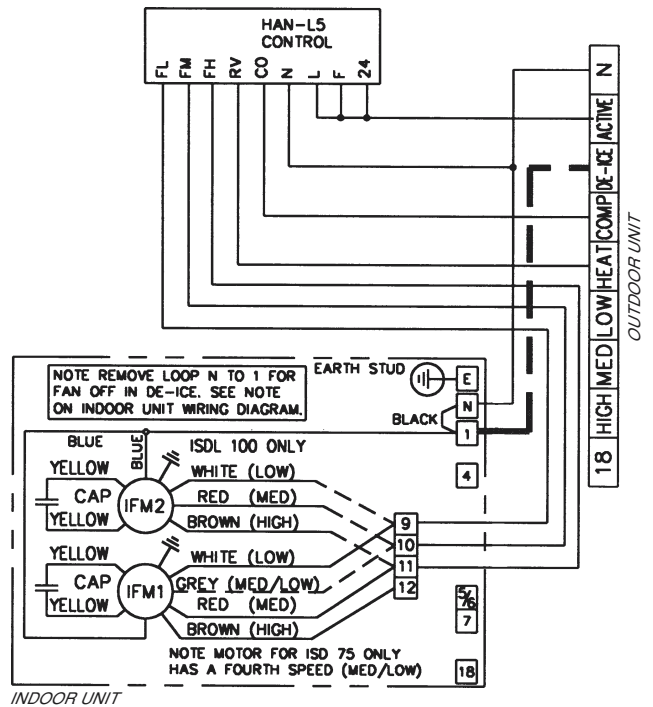
Fig.1 GME 152-702 c/w OSA 45-181



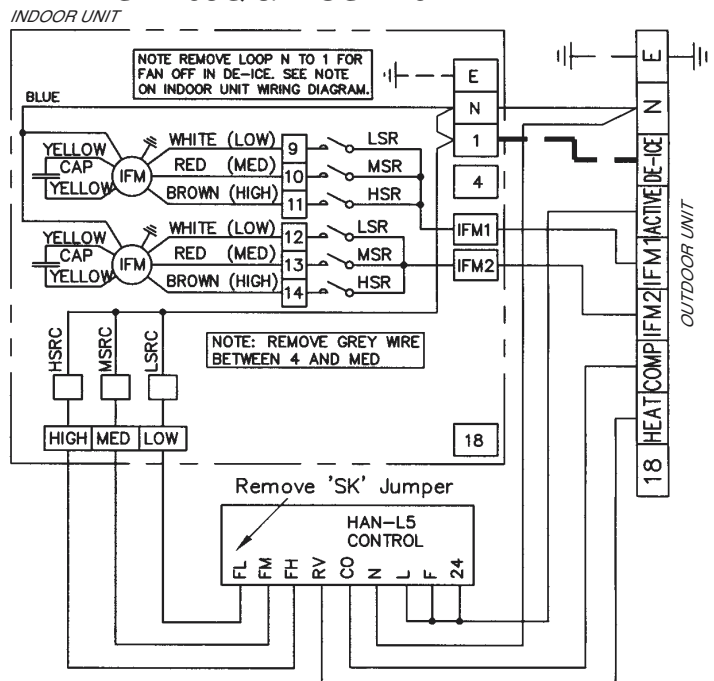
ABBREVIATIONS

COMP	Compressor
F	Fan
FL	Fan Low Speed
FM	Fan Medium Speed
FH	Fan High Speed
IFR	Indoor Fan Relay
IFM	Indoor Fan Motor
HSR/C	High Speed Relay / Coil
MSR/C	Medium Speed Relay / Coil
LSR/C	Low Speed Relay / Coil

**Fig.2 ISDL 29Q-100Q c/w OSA 29-101
ISD 75Q-181Q c/w OSA 73-181
OPA 101-180**

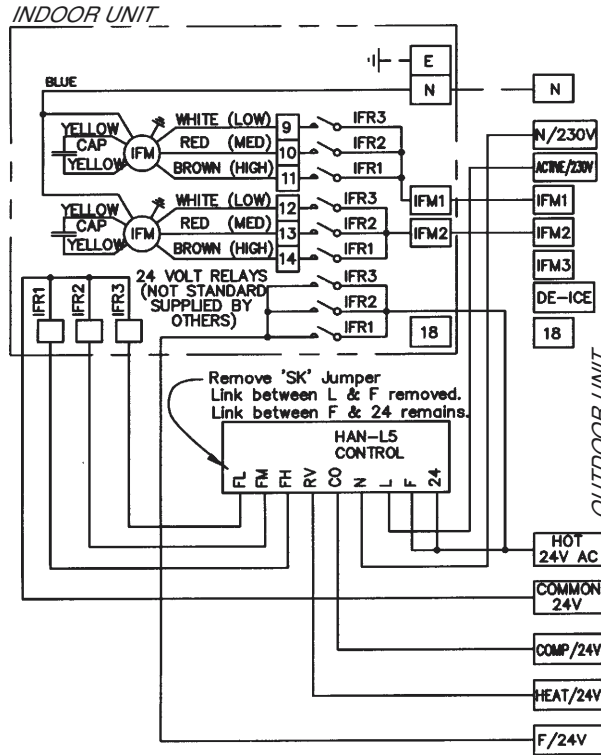


**Fig.3 ISD 220Q c/w OSA 220
ISD 265Q c/w OSA 264**



**Fig.4 ISD 250/300/390 Q
c/w OSA 250/300/390**

NOTE:
For cooling only systems,
disregard wiring between 'RV'
and 'HEAT' terminals.

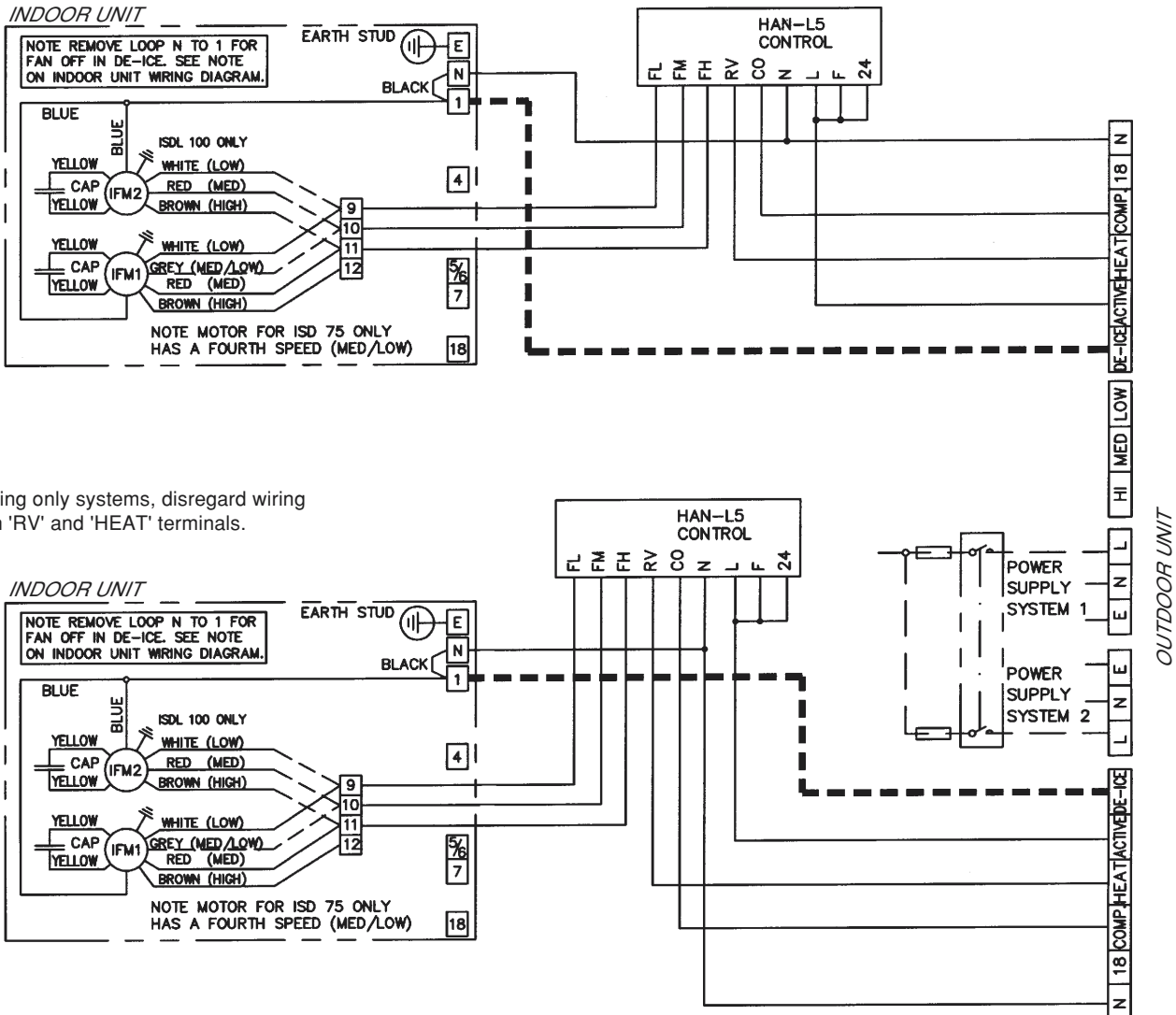


HAN-L5 Controller

NOTE
The manufacturer reserves
the right to change
specifications at any time
without notice or obligation.

**Fig.5 ISDL 36Q – 71Q coupled in pairs to OSA 90B or 146B (twin systems)
serving two separate zones**

HAN-L5 Controller (x2)



NOTE:
For cooling only systems, disregard wiring
between 'RV' and 'HEAT' terminals.

Two Stage Applications

HAN-L5/2S Controller

General

- For Cooling Only systems, disregard wiring between 'RV' and 'HEAT' terminals and change dip switch 2 (below) to 'ON'.
- Room Wall Control dip switch settings do not need alteration from the standard settings, shown here:

1	2	3	4	5	6	7	8	9
OFF	OFF	ON	ON	OFF	OFF	ON	ON	OFF

- Power Relay Module jumpers do not need alteration from the standard positions, unless relays have been connected to the fan speed terminals (Figure 7). **CN-2**, positioned on RH, **must not** be altered. **LF**, positioned with jumper off, cycles fan off during heat cycle dead band, but may have the jumper on for continuous fan operation.

Note:

These wiring diagrams display terminals for Split systems (Indoor + Outdoor unit). For OPA Packaged systems there is only one set of terminals.

ISD 250/300/390 Q c/w OSA 260/290/410A ISD 500-920 Q c/w OSA 500-920 OPA 260/290/410A and OPA 500-920 (Refer Fig.6 & 7)

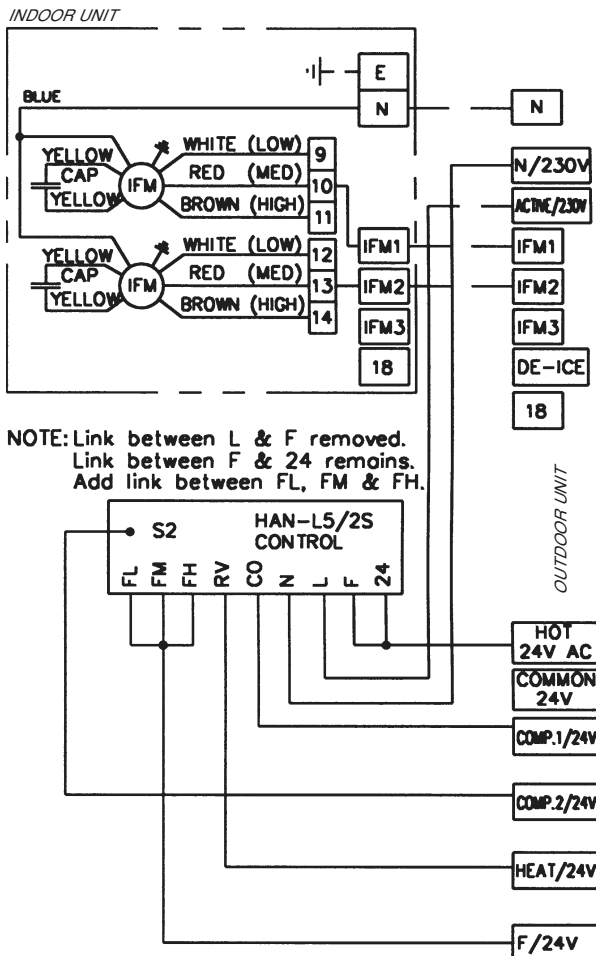
Note:

ISD 250Q-390Q have single phase fans.
ISD 500Q-920Q have three phase fans which require IFM 3 terminal to also be connected between indoor and outdoor units.

ABBREVIATIONS

COMP	Compressor
F	Fan
FL	Fan Low Speed
FM	Fan Medium Speed
FH	Fan High Speed
IFR	Indoor Fan Relay
IFM	Indoor Fan Motor

**Fig.6 Single Speed
Indoor Fan Operation:**



**Fig.7 Three Speed
Indoor Fan Operation
(Available only on ISD 250Q-390Q) :**

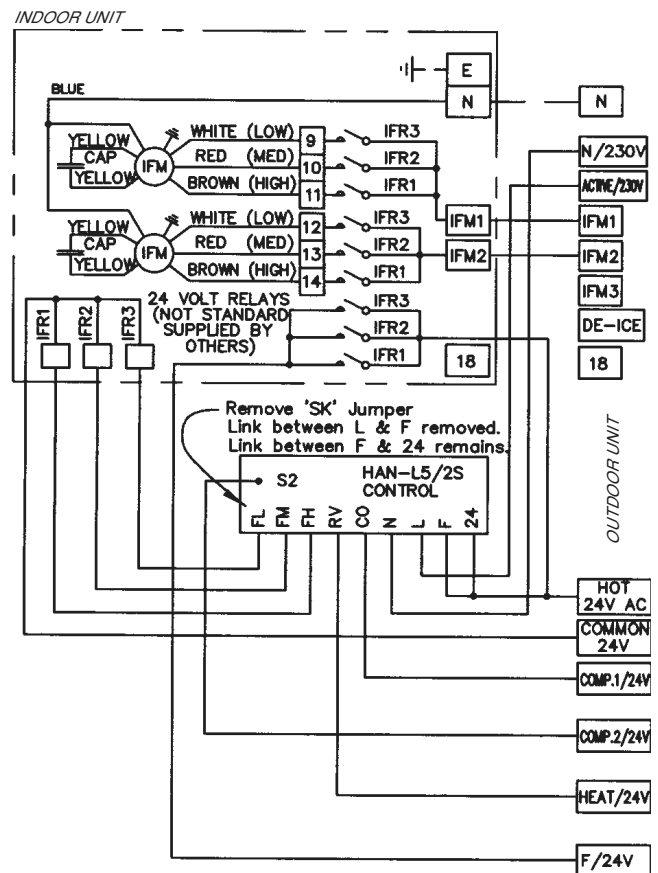
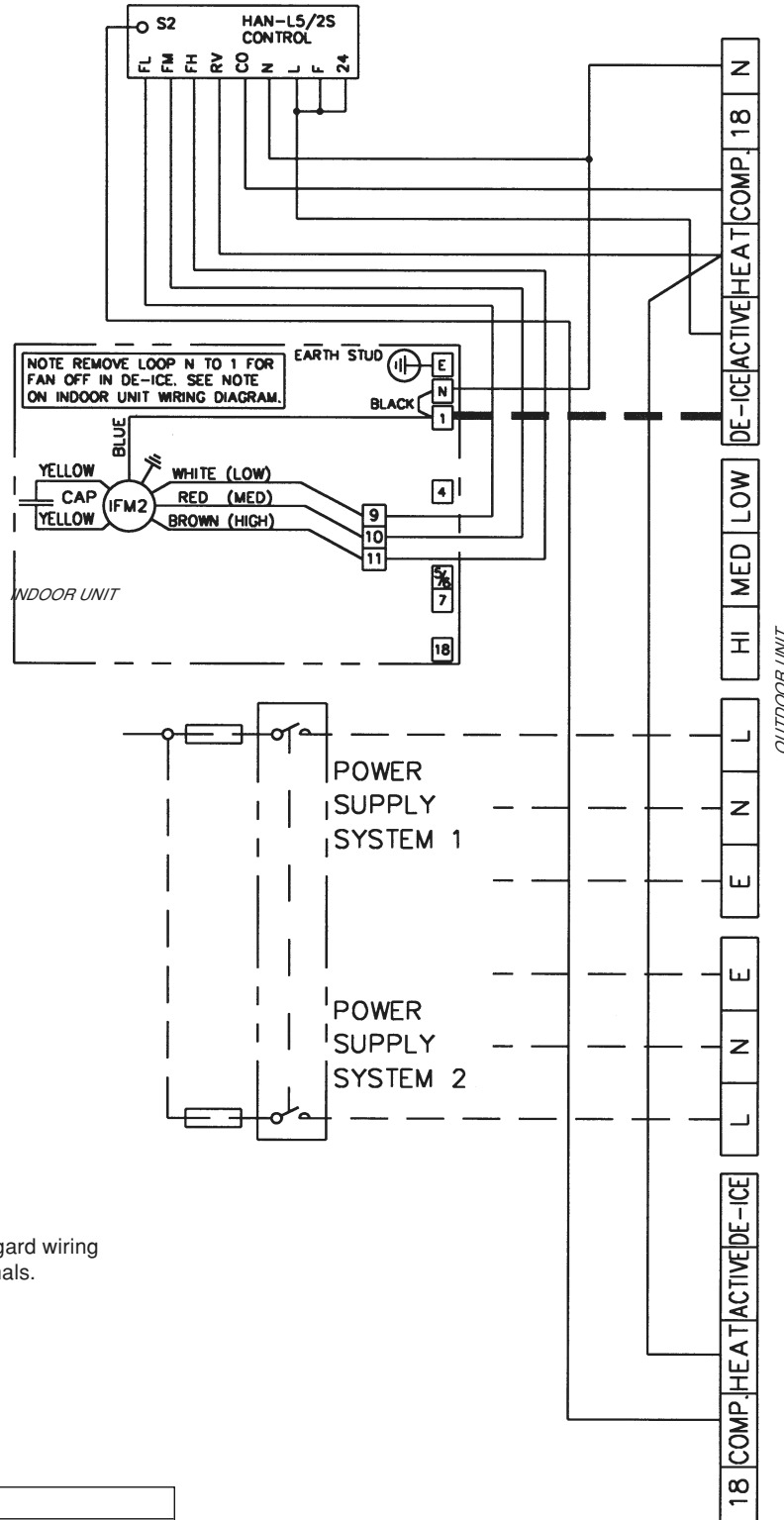


Fig.8 ISD 146Q c/w OSA 146 B (twin system) serving a single zone



NOTE:
For cooling only systems, disregard wiring between 'RV' and 'HEAT' terminals.

Abbreviations

COMP	Compressor
F	Fan
FL	Fan Low Speed
FM	Fan Medium Speed
FH	Fan High Speed
IFR	Indoor Fan Relay
IFM	Indoor Fan Motor
HSR/C	High Speed Relay / Coil
MSR/C	Medium Speed Relay / Coil
LSR/C	Low Speed Relay / Coil

NOTE
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This pamphlet replaces the previous issue no. 2283 dated 08/03.
Dip switch setting - Cooling Only systems.