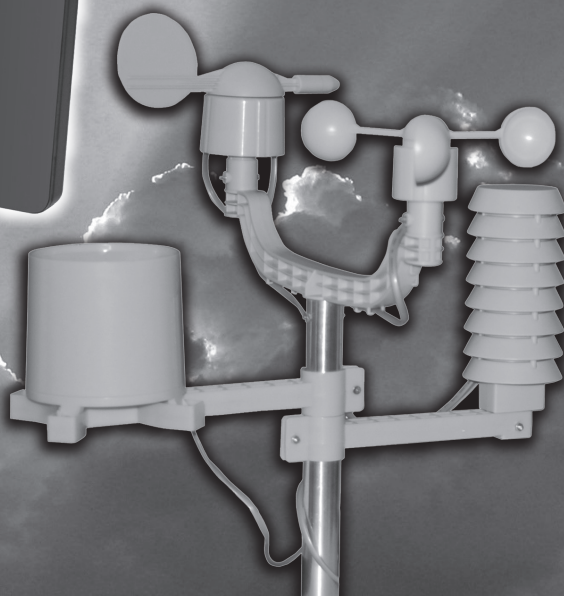
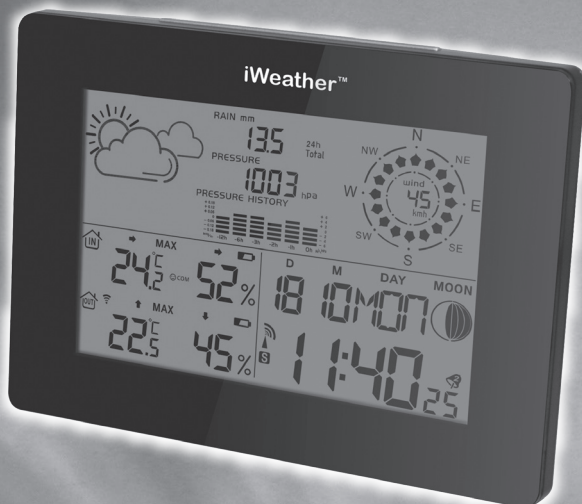




HOLMAN

iWeatherTM
Intelligent Environmental Data

Weather Station



Instruction Manual



Product Code: WS5029



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General Information

Thank you for purchasing the HOLMAN iWeather - Weather Station, Please read the operating instructions carefully to familiarize yourself with the features and modes of operation before using the instrument.

Package Contents

Carefully unpack and remove the contents:

- 1x weather station main unit
- 1x stainless steel mast
- 1x thermo-hygro sensor
- 1x rain sensor
- 1x wind speed sensor
- 1x wind direction sensor
- Mounting screws
- Stainless steel accessory for fixing the mast.

Technical Details

- Six keys: **MODE**, **+**, **-**, **ALARM**, **ALERT**, **SNOOZE/LIGHT**
- Time display in 12/24 format
- Continuous perpetual calendar up to 2099
- Display of Date, Month and Day of week
- Day of week display available in 7 languages, i.e. German, English, Italian, French, Spanish, Danish.
- Dual alarm with snooze function (5 minutes alarm interruption)
- 5 weather forecast: sunny, partly sunny, cloudy, rainy, storm .
- Barometer and bar and data of 12 hours history for air pressure
- Indoor /outdoor temperature and humidity with trend
- Max./min. of temperature and humidity
- Thermometer measuring range inside: °C to +50 °C , outside -20°C~60 °C
- Temperature display elective in °C or °F
- Temperature alert for indoor and outdoor
- Living space humidity
- Moon phase
- Wind speed in mph /kmh, wind speed 0~256kmh
- Wind direction in 16 directions
- Rainfall in mm and inch and display of 1hour, 24hour, TOTAL.
Rain volume (0~999.9MM)
- Low battery indication
- Blue background illumination LED.
- Main unit batteries: 2 x AA Batteries 1.5V (not included)

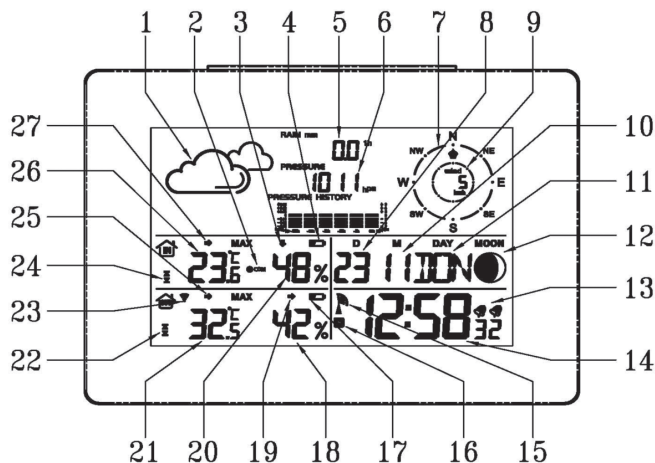
Outdoor sensor:

- Frequency: 433 MHz
- Transmission range: 100 meters in open area.
- Batteries: 2 x AA Batteries 1.5V (not included)

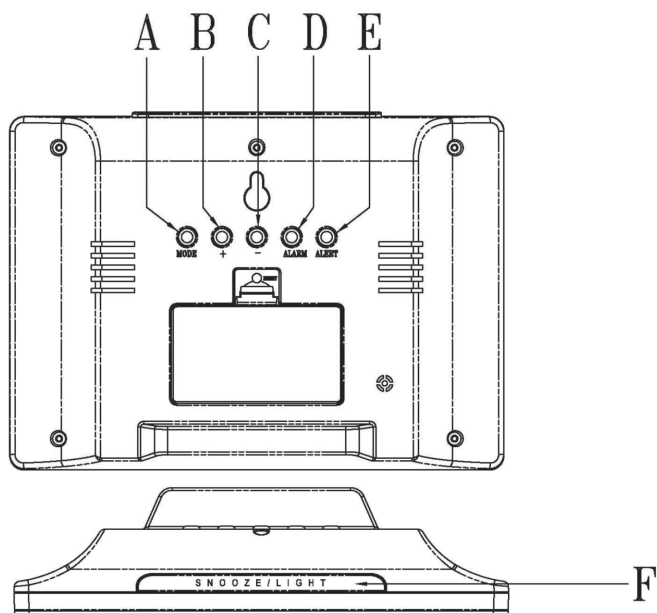
** Actual distance may be varied depending upon the enviroment, it will be shortened if with interference ,such as concrete wall etc.

Glossary

- | | | | |
|--------------------------|-----------------|----------------------------|-------------------------------|
| 1. Weather Forecast | 8. Date | 15. RCC symbol | 22. Outdoor temperature alert |
| 2. Living space humidity | 9. Wind speed | 16. Summer time | 23. RF symbol |
| 3. Indoor humidity trend | 10. Month | 17. Outdoor low battery | 24. Indoor temperature alert |
| 4. Indoor low battery | 11. Day of week | 18. Outdoor humidity | 25. Outdoor temperature trend |
| 5. Rainfall | 12. Moon Phase | 19. Outdoor humidity trend | 26. Indoor temperature |
| 6. Air Pressure | 13. Dual alarm | 20. Indoor humidity | 27. Indoor temperature trend |
| 7. Wind direction | 14. Time | 21. Outdoor temperature | |



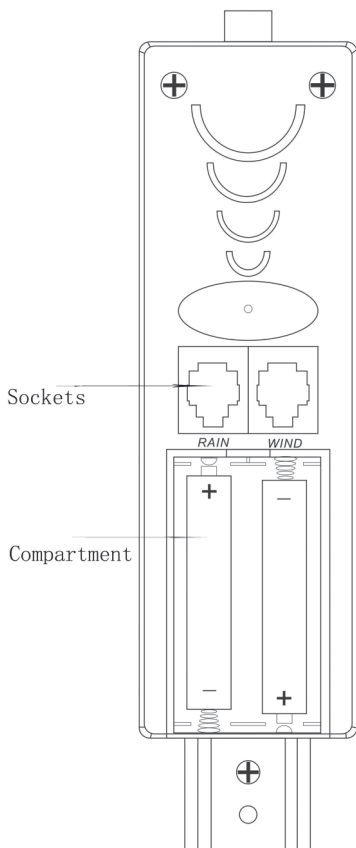
A = MODE B = + C = - D = ALARM E = ALERT F = SNOOZE/LIGHT



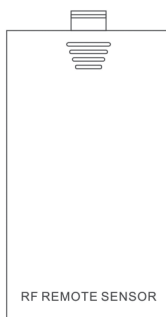
Installation - Weather Vane

Installing the Batteries

- Open the main unit's battery cover located at the back of the unit and insert 2xAA batteries into the battery compartment and close the battery cover.
- Pull away the shower-proof case of the thermo-hygro sensor to reveal the 2 sockets.
(for the wind sensor and rain sensor)
- Connect the attached cables :
 1. Cable from wind speed sensor insert into the socket of wind direction sensor ,
 2. Cable from wind direction and cable from rain sensors to the corresponding sockets of the thermo-hygro sensor by clicking them into place. Make sure that rain and wind cables are connected to the correct sockets.



- First insert the batteries of main unit, then insert the batteries of the outdoor sensor in 3 minutes after the main unit is powered on, to assure of the sensor data received well. In case of the outdoor sensor data received failure, please press ALARM key for more than 3 seconds to synchronize the RF signal.
- Every time the batteries are replaced, the main unit will loose all the weather data.
- Every time the batteries are replaced, the thermo-hygro sensor will synchronize with the main unit again. You must press the ALARM key for more than 3 seconds to synchronize the RF signal.
- Other situation of failure of RF, please reset the sensor to and press ALARM receive again.





Installation - Weather Vane

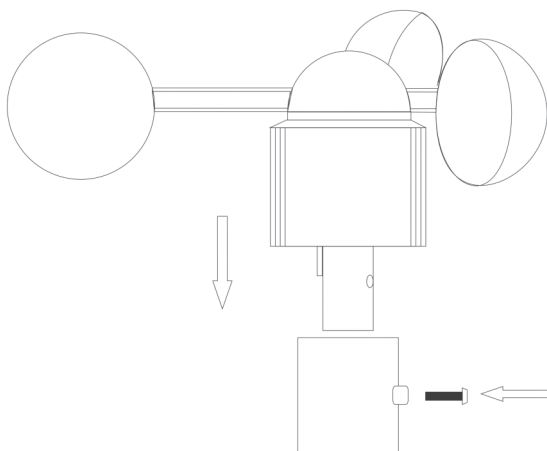
Mounting the Main Unit

The main unit can be placed onto any flat surface or wall mounted at the desired location by hanging hole.

Mounting the outdoor sensor onto the stainless steel mast

For accurate results, the outdoor sensor mast should be securely mounted onto a horizontal surface and in an open area away from trees and other coverings where rainfall or wind speed may be reduced to cause inaccurate reading.

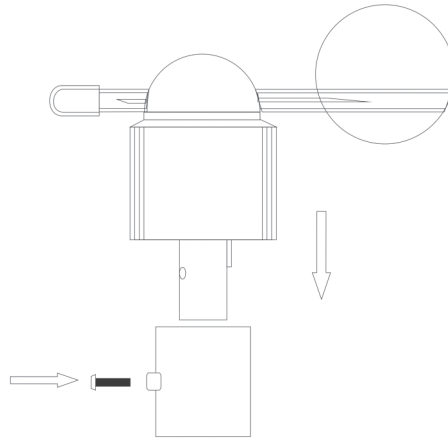
1. Mounting the wind speed sensor to the first plastic bracket: first check the wind-fan can rotate freely before fixing . The wind speed sensor should now be mounted onto the bracket provided to allow the wind to travel around the sensor unhindered from all directions.please follow the below display :



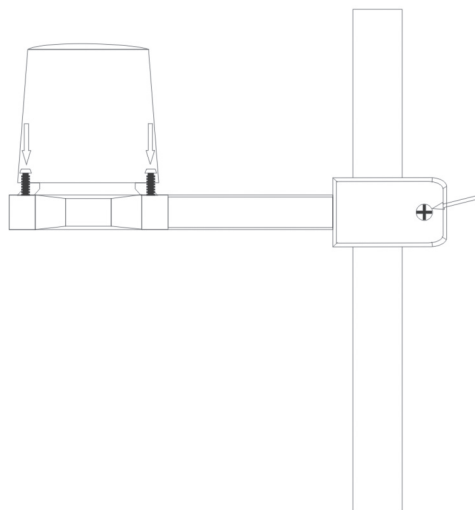
2. Mounting the wind direction sensor to the first plastic bracket: first check the wind direction sensor before fixing,there is one cable from wind speed sensor, please insert it into the socket under the wind direction sensor.please follow the below display:



Installation - Weather Vane

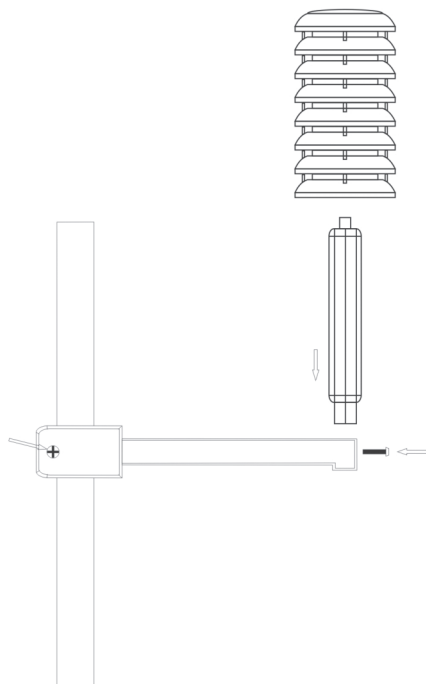


3. Mounting the rain sensor to the second plastic bracket: there are vertical engraved lines at the bottom edge of the round cover and the sensor part, you only need adjust the two lines into one position, then turn clockwise, the rain sensor parts will be connected well, then fix them with 4 screws onto the plastic bracket (don't use only 2 screws) please follow the below display:



Installation - Weather Vane

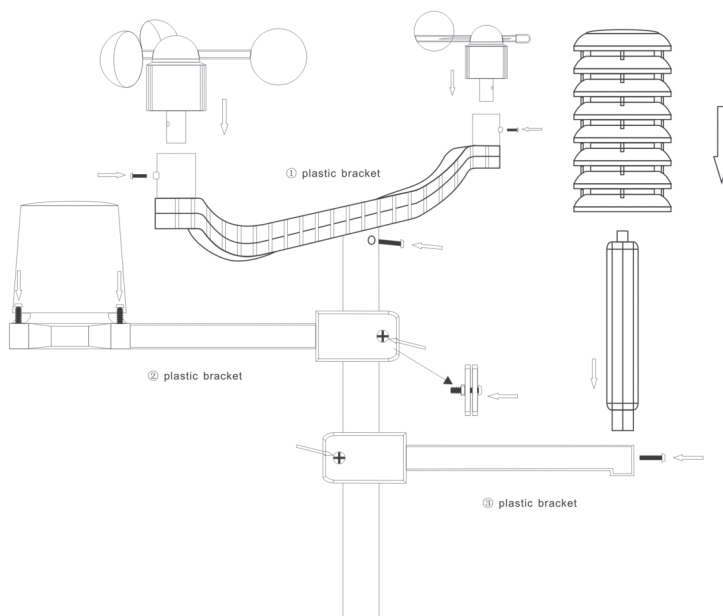
4. Mounting the thermo-hygro sensor to the third plastic bracket: once the wind sensors and rain sensor are fixed onto the bracket, connect the cables to the corresponding thermo-hygro sensor sockets with the plugs, so that data can be transmitted to the main unit ,then put the house-like cover onto the thermo-hygro sensor, please follow the below display:



Note: please don't put in or take off the plug very often, or put the plug outside in the air so long time to avoid any damage of the plug , if so, there will be bad connection.

Installation - Weather Vane

5. Mounting all the sensors onto the stainless steel mast and fix the whole parts at outdoor open area. **Note: please make sure all the cables are connected well into the sockets.**





Initial Operation

- After inserting the batteries, the main unit will connect with the outdoor sensor by RF signal.
The RF signal symbol at the out area will flash.
- This process takes about 3 minutes. Then the display shows the outdoor temperature /humidity/wind speed/wind direction/rainfall, in case of failure of reception, please press **"ALARM"** for more than 3 seconds to receive again.
- There is flashing RCC symbol in the time area after 3 minutes of outdoor RF reception.
Please hold **"+"** and **"-"** together for cancelling this symbol in Australia market
(this is very important)

Manual time set-up

(Please always hold **"+"** and **"-"** together for cancelling a flashing RCC symbol at the time area when you are ready to set-up in Australia)

- Press and hold key **"MODE"** for 3 seconds.
- The 12/24 hour flashing. Use **"+"** and **"-"** to select
- Press **"MODE"** to confirm.
- The display for the time zone is flashing. For the Australian time zone please leave as **"00"**.
- Press **"MODE"** to confirm.
- The DM/MD flashing, Use **"+"** and **"-"** to select.
- Press **"MODE"** to confirm.
- The display for the year is flashing. Use **"+"** and **"-"** to select the year.
- Press **"MODE"** to confirm.
- The display for the month is flashing. Use **"+"** and **"-"** to select the month.
- Press **"MODE"** to confirm.
- The display for the date is flashing. Use **"+"** and **"-"** to select the date.
- Press **"MODE"** to confirm.
- The display for the hour is flashing. Use **"+"** and **"-"** to select the hour.
- Press **"MODE"** to confirm.
- The display for the minutes is flashing. Use **"+"** and **"-"** to select the minutes..
- Press **"MODE"** to confirm.
- The language selection for the display of the weekdays is flashing.
Use **"+"** and **"-"** to select the language.
- Press **"MODE"** to confirm
- The C/F for temperature flashing, Use **"+"** and **"-"** to select .
- Press **"MODE"** to confirm.
- The hpa/inhg for air pressure flashing, Use **"+"** and **"-"** to select .
- Press **"MODE"** to confirm.
- The mm/inch for rainfall and kmh/mpg flashing, Use **"+"** and **"-"** to select .
- Press **"MODE"** to confirm.



Information:

- The clock automatically changes from set-up mode to time display mode if no keys are pressed for 20 seconds.

Daily alarm set-up

- Press **"MODE"** to switch from time display to A1 display
- Press and hold the key **"MODE"** for 3 seconds ,the flashing alarm time are shown
- The hour display of the alarm time is flashing. Use **"+"** and **"-"** to select the hour.
Press **"MODE"** to confirm.
- then follow the minutes. Use **"+"** and **"-"** to select the minutes,
Press **"MODE"** to confirm.
- The same setting as for A2.

Daily alarm on/off

- 1st press **"ALARM"** to activate the alarm 1 with alarm symbol showing.
- 2nd press **"ALARM"** cancel the alarm 1, then activate the alarm 2 with alarm symbol showing
- 3rd press **"ALARM"** to activate the alarm1 and alarm 2 with alarm symbol showing.
- 4th press **"ALARM"** cancel all the alarms

Information:

- The clock automatically changes from set-up mode to time mode if no keys are pressed for 20 seconds.
- The alarm sounds for 2 minutes if no key is pressed to stop it.

Snooze function

To activate the snooze function, follow the steps below

- Press the key **"SNOOZE/LIGHT"**, while the alarm sounds, to activate the snooze function.
- If the snooze function is activated, alarm symbol is flashing.
- The alarm repeat after 5 minutes.
- The snooze function can be stopped by pressing any key.



Initial Operation

12/24 hours mode

- The time display can be in 12 (AM/PM) or 24 hours mode, please follow the manual set-up to select

°C/°F temperature display

- The temperature display can be in °C or °F, please follow the manual set-up to select.

Max./ Min. for the indoor/outdoor temperature and humidity

- Press “+” for displaying of indoor/outdoor max./min. of temperature and humidity, hold “+” for more than 3 seconds to clear up the max./min.

Temperature alert set-up

- Press “ALERT” for more than 3 seconds, the upper limit of inside temperature is flashing, use “+” and “-” to set the maximum alert temperature.
- Press “ALERT”, the lower limit of inside temperature is flashing, use “+” and “-” to set the minimum alert temperature.
- Press “ALERT”, the upper limit of outside temperature is flashing, use “+” and “-” to set the maximum alert temperature.
- Press “ALERT”, the lower limit of outside temperature is flashing, use “+” and “-” to set the minimum alert temperature.
- When the alert is activated, the alert symbol will be shown.

Temperature alert on/off

Press and hold the key “ALERT” to set the temperature alert on or off.

- Alert on: Temperature alert symbol shown in display
- Alert off: Temperature alert symbol goes out.

Information

- The set-up process cannot be completed if the maximum temperature selected is lower than the minimum selected temperature.
- The minimum temperature selected must at least be 1°C below the maximum selected temperature.





Initial Operation

5 Weather forecast

Sunny Slightly Sunny Cloudy Rainy Storm

Remarks: as the weather is forecasted by air pressure only,
The display will have discrepancy with the actual weather sometime.

Barometer and bar and data of history for the past 12 hour of air pressure.

Air pressure can be in hPa and inHg ,and have bar of the past 12 hours.

Wind speed in mph/kmh (0~256kmh)

- The wind speed can be shown in mph and kmh, please follow the manual set-up to select mph/kmh, the display of the speed is updated in case of the sensor updated every 1 minutes.

Wind direction

- There will be 16 wind directions, the display of the direction is updated in case of the sensor updated every 1 minutes

Rainfall display (0~999.99mm)

- Rain fall can be shown in mm and inch, please follow the manual set-up to select the mm/inch.
- Press “**—**” to show the rainfall in 1 hour, press again 24 hours, then TOTAL.
- Press “**—**” for more than 3 seconds to clear up the volum accordingly, such as if showing 1 hour, clear up the data in 1 hour, others unchanged, if showing 24 hours, clear up the data in 24 hour, others unchanged.
- The max. of the rainfall is up to 999.99mm (99.99inch), the display is flashing in case of the max., you have to clear up the data by hand, otherwise, the data can not be updated any more.

Initial Operation

Illumination

- Press the key **"SNOOZE/LIGHT"** to activate the display illumination for 8 seconds.

Moon phase display

The weather station uses saved data to show the moon phase



A: New moon

B: increasing crescent

C: First half

D: increasing 3/4

E: Full moon

F: decreasing 3/4

G: Last half

H: decreasing crescent

Living space humidity

The weather station uses saved data to determine the humidity in the living space and shows the respective symbols.



Low battery condition display

The weather station displays the low battery condition symbol to remind the batteries of the weather station or the outdoor sensor need to be exchanged.

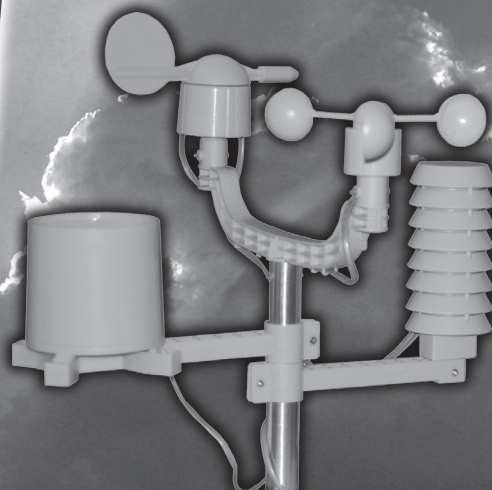
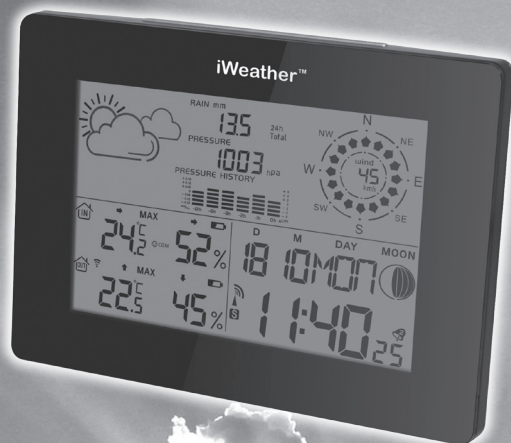
- Weather station low battery condition display: within indoor area of the display
- Outdoor sensor low battery condition display: in the outdoor area of the display

RF connection to the outdoor sensor

- Press and hold the key **"ALARM"** for 3 seconds to search for outdoor sensor, the RF signal symbol at the outside area will flashing when trying to connect. RF reception is weaker in rooms with concrete walls (e.g. in the basement) and in office buildings, the distance will be shorten if have interference. For extreme cases, please put the main unit near a window.



Warranty



Should you have any questions about this product or its operation please telephone our customer service helpline on **1300 716 188**.

Holman offer a **1 year** replacement warranty from the original date of purchase.

To claim warranty the product must be returned with a copy of the original receipt.

We will honour all statutory guarantees that this product is of acceptable quality (including that it is fit for purpose).



HOLMAN INDUSTRIES

47 Walters Drive,
Osborne Park,
Western Australia 6017.

Tel: **61 8 9204 1011** Fax: **61 8 9204 1013**

Web: www.holmanindustries.com.au