

NOTES:

1. PART MARKING:
PARTS TO BE MARKED WITH: "SEE DETAIL B" PER WHIRLPOOL SPEC C033
INFORMATION REQUIRED ON THE BAR CODE
WHIRLPOOL P/N, PART SERIAL NUMBER, & DATE CODE

2. ADHESIVE BACKED LABELS MUST MEET M4 GRADE-2

3. PART REVISIONS REQUIRE WHIRLPOOL ENGINEERING CODES AND LAB APPROVAL.

4. COMPONENT(S) REFERENCED HEREIN SHALL COMPLY WITH WHIRLPOOL'S
CURRENT SPECIFICATIONS, INCLUDING ITS RESTRICTED MATERIALS LIST
SPECIFICATION GES0084 - US & CANADA COLUMN, AND ALL ANNEXES.

5. REWORK - REWORKED BOARDS MUST BE CLEARLY MARK FOR VISUAL IDENTIFICATION

6. COMPLY WITH PE20 ECM TEST REQUIREMENTS SPECIFICATION W10852542

7. SUPPLIER MUST COMPLY WITH GES0168 GENERAL ECM REQUIREMENTS SPECIFICATION.

8. DISPLAY, LIGHTING, SENSOR AND AUDIO PERFORMANCE BOUNDARY SAMPLE
TEST EQUIPMENT PASS/FAIL LIMITS TO BE REVIEWED AND
APPROVED BY WHIRLPOOL ENGINEERING.

9. TIGHTEN SCREWS TO 0.4±0.15 Nm. SCREWS MUST BE FULLY SEATED.
ALL SNAPS MUST BE FULLY ENGAGED

10. RELIABILITY REQUIREMENT
1 YEAR: RELIABILITY 99.5% AT 90% CONFIDENCE
4 YEARS: RELIABILITY 99% AT 90% CONFIDENCE
10 YEARS: RELIABILITY 95% AT 90% CONFIDENCE

11. DISPLAY FPC TO BE FULLY INSERTED TO THE CONNECTOR.

12. WHEN PURCHASED NOT AS PART OF A HMI ASSEMBLY
A. ASSEMBLY MUST CONFORM TO SHIPPING AND STORAGE PER ISTA 3E,
WITH FOLLOWING ATMOSPHERIC CONDITIONS:
EXTREME COLD, UNCONTROLLED RH AT -29°C
HOT, HUMID AT 38°C THEN EXTREME HEAT, MODERATE RH AT 60°C
B. DISPLAY MUST BE COVERED WITH PROTECTIVE FILM WITH PULL TAB FOR REMOVAL.
C. SAID LABEL MUST BE TAPED TO THE PROTECTIVE FILM USING A REMOVABLE TAPE
REFER P/N FOR SAID LABEL - W10721117

13. 100% INSPECTION FOR THE FOLLOWING ITEMS:
DISPLAY:
COLOR RED: X=0.62±0.07 & Y=0.34±0.08
COLOR BLUE: X=0.14±0.06 & Y=0.05±0.07
COLOR GREEN: X=0.33±0.07 & Y=0.61±0.07
COLOR WHITE: X=0.27±0.08 & Y=0.28±0.08
BRIGHTNESS: 800±200cd/m^2
LCD PIXEL DEFECTS PER ISO 13406-2 GUIDELINES
POWER MEASUREMENT:
STANDBY POWER MODE: 0.1W MAX
NORMAL OPERATION MODE: 3±10%W
SPEAKER:
AUDIO SPL: 65±5dba AT 2.0KHz
AUDIO QUALITY: ±5dba FROM NOMINAL
BETWEEN 500Hz AND 5KHz
WIFI:
ANTENNA "A" SIGNAL STRENGTH: -55±5dBm
ANTENNA "B" SIGNAL STRENGTH: -55±5dBm

14. DISPLAY UNIFORMITY: >=80%
DISPLAY VIEWING ANGLE: >=80°
(ALL DIRECTION AND NO DIRECTIONAL INVERSION)

SPEAKER

SCREW

REAR_COVER, GEBL-W

INDIGO_PCBA, GEBL-W

DISP_COVER_4-5, GEBL-W

DISPLAY_4-5, GEBL

SCREWS
SEE NOTE 9

SNAPS
SEE NOTE 9

BACK VIEW

SPEAKER HARNESS MUST BE INSERTED INTO HOOK

DISPLAY FPC
SEE NOTE 11

SEE DETAIL B

See label specifics
on next page

SEE DETAIL A

BACK VIEW
REAR COVER & SPEAKER HIDDEN

(44.45)

(19.05)

See label specifics
on next page

WIFI CERTIFICATION LABEL
SEE NOTE 2

DETAIL A
SCALE 3:1

REMOVABLE TAPE
SEE NOTE 12-C

PROTECTIVE FILM WITH PULL TAB
SEE NOTE 12-B

SAID LABEL
SEE NOTE 12-C

SUPPLIER SERIAL NUMBER
SEE NOTE 1

BAR CODE
SEE NOTE 1

DATE CODE FORMAT
SEE NOTE 1

COO (COUNTRY OF ORIGIN)

"xx" IS MANUFACTURER
& LOCATION

PART MARKING LABEL
SEE NOTE 1 & 2

DETAIL B
SCALE 3:1

3	W10838153	A	INDIGO_ASM, GEBL-W, WO/CON	W10812057							---	TBD	TBD	NO	NO
2	W10838152	A	INDIGO_ASM, GEBL-W, W/CON	W10812057	W10817402	W10812061	W10812062	W10812065	W10006580 OR EQUIVALENT	W10819785	TBD	TBD	TBD	YES	YES
1	W10812057	A	INDIGO_ASM, GEBL-W, NEU	---							---	---	---	---	---
SN NO	INDIGO_ASM, GEBL-W	REV	DESCRIPTION	CAD FILE (NEUTRAL)	DISPLAY_4-5 GEBL	DISP_COVER_4-5, GEBL-W	INDIGO_PCBA, GEBL-W	REAR_COVER, GEBL-W	2X SCREWS	SPEAKER_SM, GEBL	WIFI DATA	SOC MODULE SOFTWARE	APPLIANCE INTERFACE MODULE SOFTWARE	CONNECTIVITY	WIFI CERTIFICATION LABEL

REV

DESCRIPTION OF CHANGE

LOC

BY

E.N.

DATE

A

RELEASE P/N W10812057, W10838152 & W10838153

SUBRAS

2044085

20-NOV-2015

THIS DRAWING IS THE PROPERTY OF WHIRLPOOL CORP. IT CONTAINS CONFIDENTIAL INFORMATION BELONGING TO AND/OR ENTRUSTED TO WHIRLPOOL. IT IS DISCLOSED IN CONFIDENCE AND SHALL NOT BE HELD, REPRODUCED, DISCLOSED OR USED EXCEPT IN A MANNER AND FOR A PURPOSE EXPRESSLY PERMITTED BY WHIRLPOOL IN WRITING.

VENDORS SHALL NOT REVISE ANY PHYSICAL, DIMENSIONAL, OR PERFORMANCE CHARACTERISTICS UNLESS AUTHORIZED IN WRITING BY WHIRLPOOL ENGINEERING GROUP.

WHIRLPOOL TEST SPECIFICATIONS, IF ANY, ARE NOT INTENDED TO ASSUME ANY RESPONSIBILITY FOR SUBSEQUENT PROBLEMS WITH OR CAUSED BY THE PART, COMPONENT, OR ASSEMBLY PROVIDED BY THE SUPPLIER, AND DO NOT RELIEVE THE SUPPLIER OF ITS OBLIGATIONS INCLUDING, BUT NOT LIMITED TO, THE NEED TO PERFORM ITS OWN TESTING, INSPECTION AND ONGOING QUALITY CONTROL, AND ASSURING FITNESS FOR USE. ANY WHIRLPOOL RECOMMENDED TEST AND ITS OUTCOME DO NOT IN ANYWAY LIMIT OR CHANGE THE WARRANTY CONTAINED IN WHIRLPOOL'S PURCHASE ORDER OR SUPPLY AGREEMENT.

METRIC
DIMENSIONS IN mm

THIRD ANGLE
PROJECTION

DEFAULT SCALE
1:1

DO NOT SCALE PRINT

INTERPRETATION PER ASME Y14.5M-1994

10-OCT-2015

DRWN BY
SUBRAS

DESCRIPTION (ENGLISH)

INDIGO_ASM, GEBL-W

DESCRIPTION (LOCAL)

Whirlpool
CORPORATION

Whirlpool Corporation
Benton Harbor, MI USA

DRAWING SIZE
A1

SHEET
1 OF 1

DRAWING NUMBER
W10812057

DRAWING REV
A

In some European factories the letter "W" of the part code mentioned herein will be automatically replaced by the number "4000" (e.g. "W12345678" becomes "400012345678")

29-Dec-2015 10:13:40 EST | RELEASED

2

3

4

5

6

7

8

9

10

WHIRLPOOL CORP.

MODEL: WICHIN01 FCC ID: A5U WICHIN01

IC: 10248A- WICHIN01 ANATEL: -----

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions

- 1) this device must not cause harmful interference, and
- 2) this device must accept any interference received, including interference that may cause undesired operation.

SAID: XXXXXXXXXXXX

MAC ADDR.: XXXXXXXXXXXX

XVdc 85°C DC: Y000-xxxx

MANUFACTURER

MADE IN

P/N: WXXXXXXXXX REV: X S/N: NNNYDDDDXXA

XXXXXXX

QR



19.05

44.45

in mm